

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062920\  
 Data File : VX017030.D  
 Acq On : 30 Jun 2020 00:13  
 Operator : JC/SP  
 Sample : VSTDCCC050  
 Misc : 5.0mL/MSVOA X/WATER  
 ALS Vial : 30 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050EC

Manual Integrations  
 APPROVED

MMDadoda  
 6/30/2020 9:47:30 AM

Quant Time: Jun 30 06:52:11 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X062920W.M  
 Quant Title : SW846 8260  
 QLast Update : Mon Jun 29 17:10:38 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 5.63  | 168  | 273516   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 6.83  | 114  | 448657   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 10.10 | 117  | 431556   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 12.06 | 152  | 226073   | 50.00 | ug/l  | 0.00     |

## System Monitoring Compounds

|                           |        |     |          |       |         |      |
|---------------------------|--------|-----|----------|-------|---------|------|
| 33) 1,2-Dichloroethane-d4 | 6.03   | 65  | 176275   | 52.28 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 104.56% |      |
| 35) Dibromofluoromethane  | 5.46   | 113 | 145896   | 51.41 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 102.82% |      |
| 50) Toluene-d8            | 8.70   | 98  | 540841   | 51.54 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 103.08% |      |
| 62) 4-Bromofluorobenzene  | 11.12  | 95  | 215378   | 52.50 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 105.00% |      |

## Target Compounds

|                               |      |     |         |         |      | Qvalue |
|-------------------------------|------|-----|---------|---------|------|--------|
| 2) Dichlorodifluoromethane    | 1.18 | 85  | 132545  | 50.091  | ug/l | 100    |
| 3) Chloromethane              | 1.31 | 50  | 151360  | 47.256  | ug/l | 99     |
| 4) Vinyl Chloride             | 1.39 | 62  | 144587  | 48.654  | ug/l | 99     |
| 5) Bromomethane               | 1.62 | 94  | 79809   | 50.832  | ug/l | 100    |
| 6) Chloroethane               | 1.71 | 64  | 85228   | 48.559  | ug/l | 99     |
| 7) Trichlorofluoromethane     | 1.92 | 101 | 212872  | 48.434  | ug/l | 100    |
| 8) Diethyl Ether              | 2.17 | 74  | 78315   | 52.936  | ug/l | 98     |
| 9) 1,1,2-Trichlorotrifluoroet | 2.36 | 101 | 129158  | 49.031  | ug/l | 99     |
| 10) Methyl Iodide             | 2.49 | 142 | 155150  | 45.645  | ug/l | 98     |
| 11) Tert butyl alcohol        | 3.02 | 59  | 163831  | 254.689 | ug/l | 99     |
| 12) 1,1-Dichloroethene        | 2.36 | 96  | 132324  | 48.899  | ug/l | 96     |
| 13) Acrolein                  | 2.27 | 56  | 86685   | 225.432 | ug/l | 96     |
| 14) Allyl chloride            | 2.71 | 41  | 237038  | 47.398  | ug/l | 100    |
| 15) Acrylonitrile             | 3.12 | 53  | 396669  | 256.516 | ug/l | 100    |
| 16) Acetone                   | 2.42 | 43  | 320546  | 254.120 | ug/l | 100    |
| 17) Carbon Disulfide          | 2.55 | 76  | 383719  | 50.814  | ug/l | 100    |
| 18) Methyl Acetate            | 2.75 | 43  | 169025  | 51.330  | ug/l | 100    |
| 19) Methyl tert-butyl Ether   | 3.17 | 73  | 459778  | 50.625  | ug/l | 100    |
| 20) Methylene Chloride        | 2.84 | 84  | 153835  | 53.226  | ug/l | 98     |
| 21) trans-1,2-Dichloroethene  | 3.14 | 96  | 148579  | 49.476  | ug/l | 96     |
| 22) Diisopropyl ether         | 3.82 | 45  | 477615  | 51.600  | ug/l | 97     |
| 23) Vinyl Acetate             | 3.79 | 43  | 2099997 | 264.025 | ug/l | 100    |
| 24) 1,1-Dichloroethane        | 3.67 | 63  | 262022  | 49.751  | ug/l | 98     |
| 25) 2-Butanone                | 4.64 | 43  | 547535  | 260.506 | ug/l | 100    |
| 26) 2,2-Dichloropropane       | 4.55 | 77  | 190782  | 40.798  | ug/l | 99     |
| 27) cis-1,2-Dichloroethene    | 4.56 | 96  | 167057  | 49.097  | ug/l | 98     |
| 28) Bromochloromethane        | 4.98 | 49  | 123974  | 48.374  | ug/l | 99     |
| 29) Tetrahydrofuran           | 5.09 | 42  | 363379  | 261.666 | ug/l | 99     |
| 30) Chloroform                | 5.18 | 83  | 268823  | 49.793  | ug/l | 98     |
| 31) Cyclohexane               | 5.55 | 56  | 228218  | 50.132  | ug/l | 98     |
| 32) 1,1,1-Trichloroethane     | 5.46 | 97  | 245383  | 49.352  | ug/l | 99     |
| 36) 1,1-Dichloropropene       | 5.77 | 75  | 198365  | 46.780  | ug/l | 99     |
| 37) Ethyl Acetate             | 4.79 | 43  | 216035  | 50.214  | ug/l | 100    |
| 38) Carbon Tetrachloride      | 5.76 | 117 | 220236  | 47.155  | ug/l | 99     |

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX062920\  
 Data File : VX017030.D  
 Acq On : 30 Jun 2020 00:13  
 Operator : JC/SP  
 Sample : VSTDCCC050  
 Misc : 5.0mL/MSVOA X/WATER  
 ALS Vial : 30 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleID :  
 VSTDCCC050EC

Manual Integrations  
 APPROVED

MMDadoda  
 6/30/2020 9:47:30 AM

Quant Time: Jun 30 06:52:11 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X062920W.M  
 Quant Title : SW846 8260  
 QLast Update : Mon Jun 29 17:10:38 2020  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc     | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|----------|--------|----------|
| 39) Methylcyclohexane          | 7.44  | 83   | 223358   | 47.342   | ug/l   | 99       |
| 40) Benzene                    | 6.12  | 78   | 594619   | 47.727   | ug/l   | 99       |
| 41) Methacrylonitrile          | 5.01  | 41   | 118855   | 49.084   | ug/l   | 99       |
| 42) 1,2-Dichloroethane         | 6.17  | 62   | 215616   | 47.912   | ug/l   | 100      |
| 43) Isopropyl Acetate          | 6.42  | 43   | 350560   | 49.035   | ug/l   | 99       |
| 44) Trichloroethene            | 7.19  | 130  | 169685   | 49.352   | ug/l   | 99       |
| 45) 1,2-Dichloropropane        | 7.49  | 63   | 153023   | 47.820   | ug/l   | 99       |
| 46) Dibromomethane             | 7.64  | 93   | 106622   | 48.804   | ug/l   | 98       |
| 47) Bromodichloromethane       | 7.88  | 83   | 218169   | 48.458   | ug/l   | 98       |
| 48) Methyl methacrylate        | 7.74  | 41   | 174610   | 51.408   | ug/l   | 99       |
| 49) 1,4-Dioxane                | 7.71  | 88   | 77585    | 1008.283 | ug/l   | 98       |
| 51) 4-Methyl-2-Pentanone       | 8.62  | 43   | 1098219  | 257.700  | ug/l   | 99       |
| 52) Toluene                    | 8.76  | 92   | 382069   | 49.118   | ug/l   | 97       |
| 53) t-1,3-Dichloropropene      | 9.02  | 75   | 235676   | 47.444   | ug/l   | 99       |
| 54) cis-1,3-Dichloropropene    | 8.41  | 75   | 252186   | 47.358   | ug/l   | 99       |
| 55) 1,1,2-Trichloroethane      | 9.20  | 97   | 157408   | 49.529   | ug/l   | 100      |
| 56) Ethyl methacrylate         | 9.16  | 69   | 234321   | 51.801   | ug/l   | 99       |
| 57) 1,3-Dichloropropane        | 9.35  | 76   | 260310   | 48.406   | ug/l   | 100      |
| 58) 2-Chloroethyl Vinyl ether  | 8.29  | 63   | 629548   | 279.637  | ug/l   | 100      |
| 59) 2-Hexanone                 | 9.47  | 43   | 835579   | 268.468  | ug/l   | 98       |
| 60) Dibromochloromethane       | 9.57  | 129  | 184194   | 49.900   | ug/l   | 99       |
| 61) 1,2-Dibromoethane          | 9.65  | 107  | 167220   | 48.950   | ug/l   | 100      |
| 64) Tetrachloroethene          | 9.32  | 164  | 157733   | 45.287   | ug/l   | 96       |
| 65) Chlorobenzene              | 10.12 | 112  | 415447   | 46.643   | ug/l   | 98       |
| 66) 1,1,1,2-Tetrachloroethane  | 10.20 | 131  | 162765   | 47.417   | ug/l   | 99       |
| 67) Ethyl Benzene              | 10.24 | 91   | 727406   | 48.902   | ug/l   | 98       |
| 68) m/p-Xylenes                | 10.34 | 106  | 561905   | 98.382   | ug/l   | 100      |
| 69) o-Xylene                   | 10.68 | 106  | 267305   | 49.197   | ug/l   | 99       |
| 70) Styrene                    | 10.70 | 104  | 473855   | 51.215   | ug/l   | 100      |
| 71) Bromoform                  | 10.84 | 173  | 138773   | 50.981   | ug/l # | 98       |
| 73) Isopropylbenzene           | 11.00 | 105  | 725126   | 48.968   | ug/l   | 100      |
| 74) N-amyl acetate             | 10.88 | 43   | 321163   | 50.829   | ug/l   | 99       |
| 75) 1,1,2,2-Tetrachloroethane  | 11.25 | 83   | 220611   | 47.362   | ug/l   | 100      |
| 76) 1,2,3-Trichloropropane     | 11.28 | 75   | 210225m  | 47.288   | ug/l   |          |
| 77) Bromobenzene               | 11.24 | 156  | 189822   | 46.642   | ug/l   | 98       |
| 78) n-propylbenzene            | 11.34 | 91   | 817981   | 48.848   | ug/l   | 99       |
| 79) 2-Chlorotoluene            | 11.40 | 91   | 491218   | 48.470   | ug/l   | 100      |
| 80) 1,3,5-Trimethylbenzene     | 11.49 | 105  | 613127   | 49.917   | ug/l   | 100      |
| 81) trans-1,4-Dichloro-2-buten | 11.06 | 75   | 79918    | 46.554   | ug/l   | 97       |
| 82) 4-Chlorotoluene            | 11.49 | 91   | 580865   | 47.945   | ug/l   | 99       |
| 83) tert-Butylbenzene          | 11.76 | 119  | 592999   | 49.181   | ug/l   | 99       |
| 84) 1,2,4-Trimethylbenzene     | 11.79 | 105  | 624335   | 50.103   | ug/l   | 100      |
| 85) sec-Butylbenzene           | 11.93 | 105  | 701278   | 49.479   | ug/l   | 99       |
| 86) p-Isopropyltoluene         | 12.05 | 119  | 651128   | 49.349   | ug/l   | 100      |
| 87) 1,3-Dichlorobenzene        | 12.01 | 146  | 335825   | 45.433   | ug/l   | 98       |
| 88) 1,4-Dichlorobenzene        | 12.08 | 146  | 334037   | 47.913   | ug/l   | 99       |
| 89) n-Butylbenzene             | 12.37 | 91   | 546390   | 46.378   | ug/l   | 100      |
| 90) Hexachloroethane           | 12.58 | 117  | 125715   | 48.316   | ug/l   | 98       |
| 91) 1,2-Dichlorobenzene        | 12.38 | 146  | 323716   | 46.853   | ug/l   | 98       |
| 92) 1,2-Dibromo-3-Chloropropan | 12.98 | 75   | 52372    | 47.132   | ug/l   | 97       |

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062920\  
Data File : VX017030.D  
Acq On : 30 Jun 2020 00:13  
Operator : JC/SP  
Sample : VSTDCCC050  
Misc : 5.0mL/MSVOA X/WATER  
ALS Vial : 30 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

Manual Integrations  
APPROVED

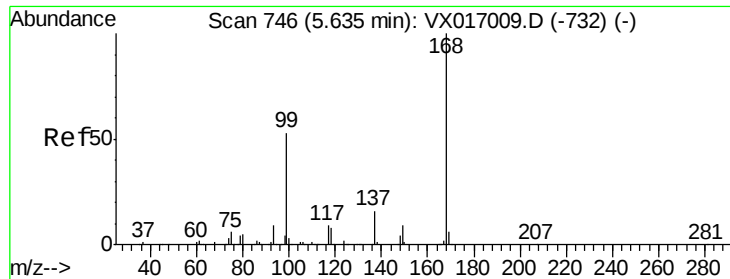
MMDadoda  
6/30/2020 9:47:30 AM

Quant Time: Jun 30 06:52:11 2020  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X062920W.M  
Quant Title : SW846 8260  
QLast Update : Mon Jun 29 17:10:38 2020  
Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|-------|------|----------|--------|-------|----------|
| 93) 1,2,4-Trichlorobenzene | 13.63 | 180  | 214687   | 45.525 | ug/l  | 99       |
| 94) Hexachlorobutadiene    | 13.77 | 225  | 80243    | 44.922 | ug/l  | 95       |
| 95) Naphthalene            | 13.82 | 128  | 728177   | 50.790 | ug/l  | 99       |
| 96) 1,2,3-Trichlorobenzene | 14.00 | 180  | 208168   | 45.613 | ug/l  | 98       |

(#) = qualifier out of range (m) = manual integration (+) = signals summed





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.01 min

Lab File: VX017030.D

Acq: 30 Jun 2020 00:13

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:168 Resp: 273516

Ion Ratio Lower Upper

168 100

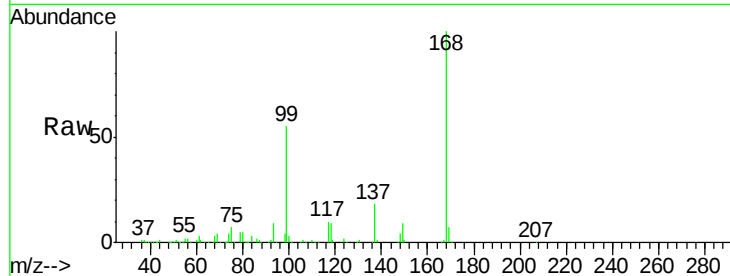
99 55.1 42.6 64.0

Manual Integrations

APPROVED

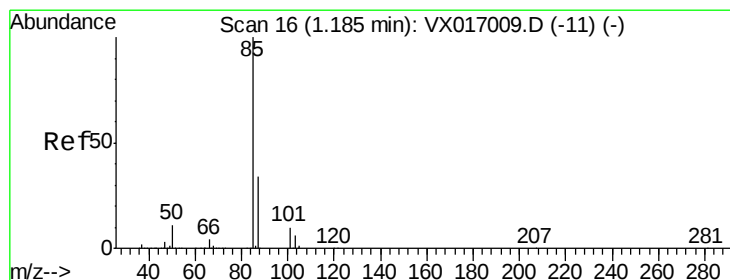
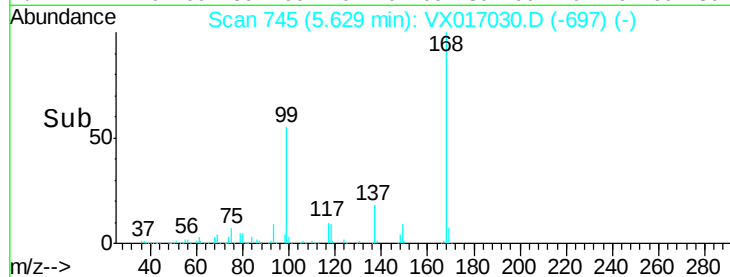
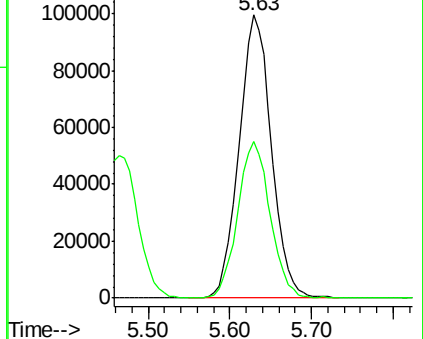
MMDadoda

6/30/2020 9:47:30 AM



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 50.091 ug/l

RT: 1.18 min Scan# 16

Delta R.T. -0.00 min

Lab File: VX017030.D

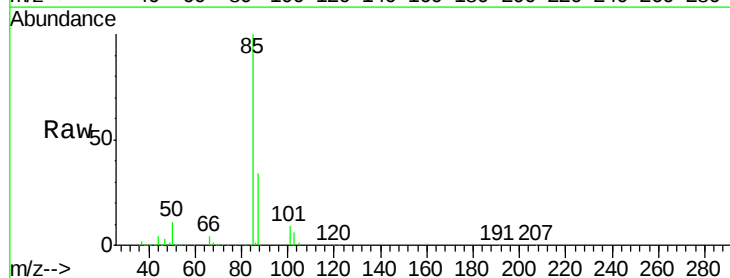
Acq: 30 Jun 2020 00:13

Tgt Ion: 85 Resp: 132545

Ion Ratio Lower Upper

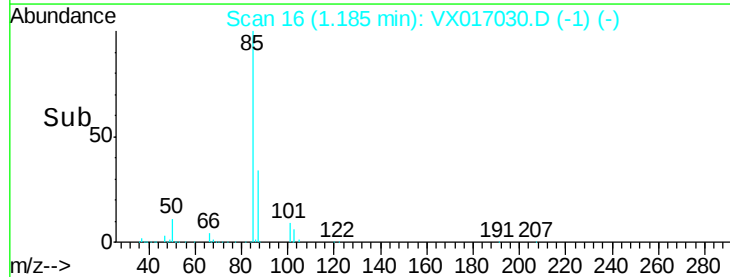
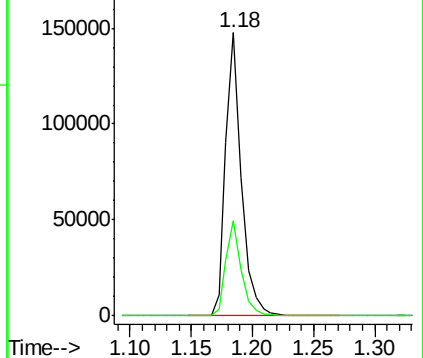
85 100

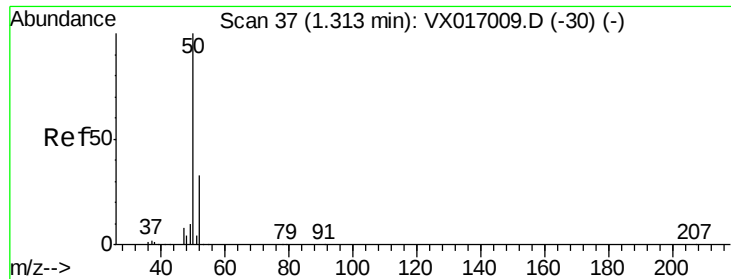
87 33.7 16.8 50.4



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 47.256 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX017030.D

Acq: 30 Jun 2020 00:13

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 50 Resp: 151360

Ion Ratio Lower Upper

50 100

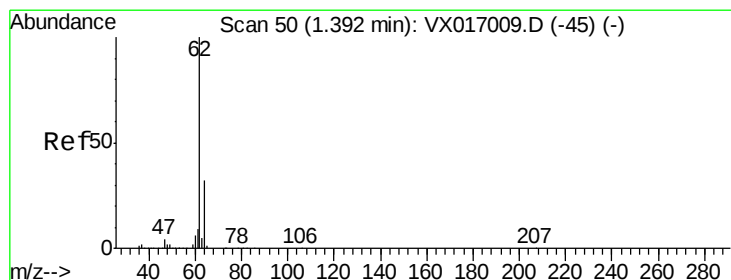
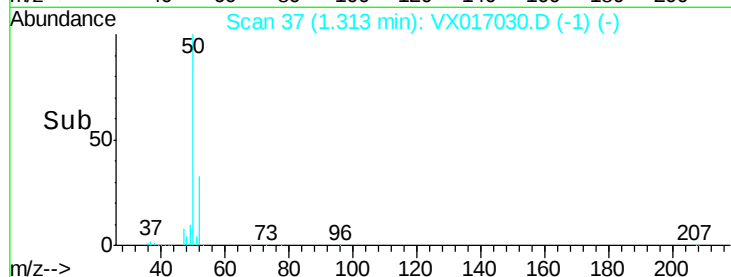
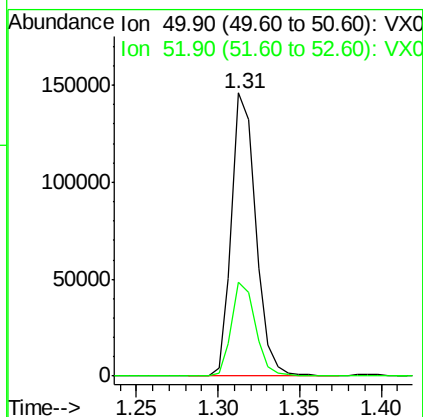
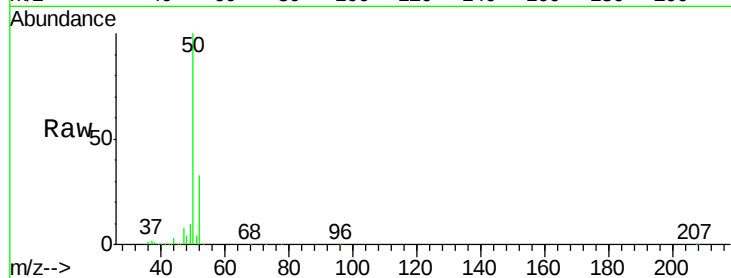
52 33.2 26.1 39.1

Manual Integrations

APPROVED

MMDadoda

6/30/2020 9:47:30 AM



#4

Vinyl Chloride

Concen: 48.654 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX017030.D

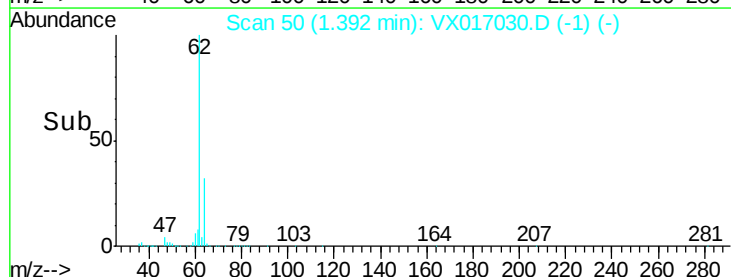
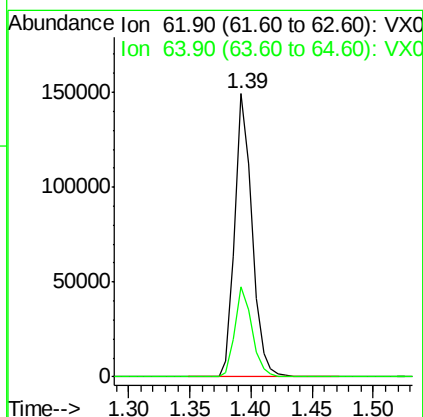
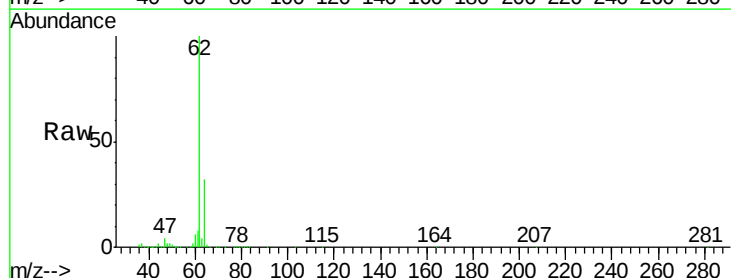
Acq: 30 Jun 2020 00:13

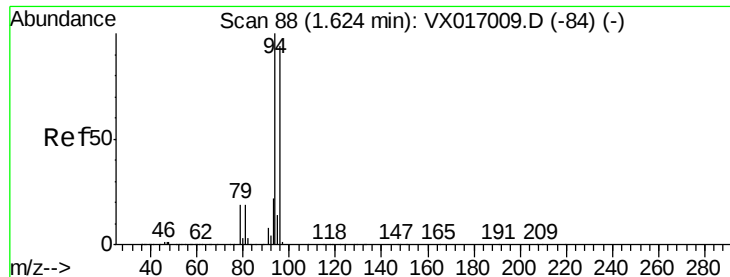
Tgt Ion: 62 Resp: 144587

Ion Ratio Lower Upper

62 100

64 31.8 25.9 38.9





#5

Bromomethane

Concen: 50.832 ug/l

RT: 1.62 min Scan# 88

Delta R.T. 0.00 min

Lab File: VX017030.D

Acq: 30 Jun 2020 00:13

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 94 Resp: 79809

Ion Ratio Lower Upper

94 100

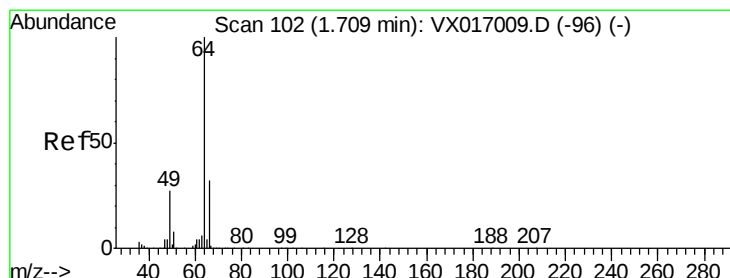
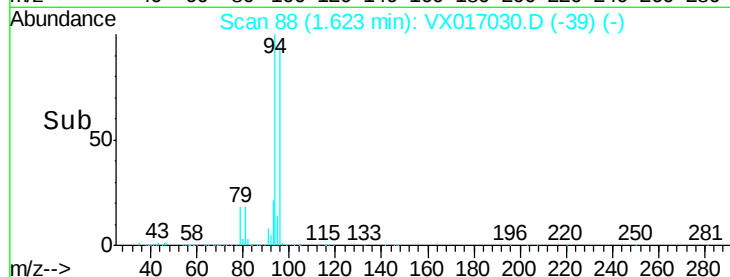
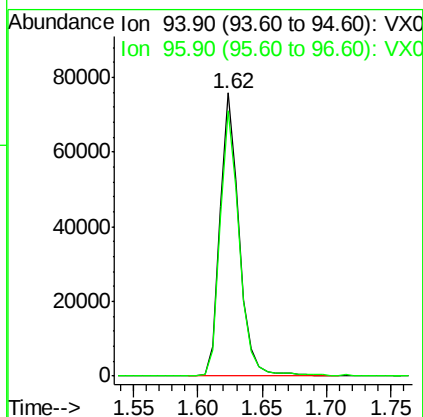
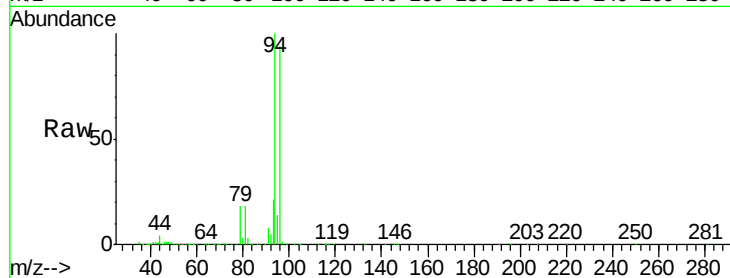
96 93.8 75.0 112.4

Manual Integrations

APPROVED

MMDadoda

6/30/2020 9:47:30 AM



#6

Chloroethane

Concen: 48.559 ug/l

RT: 1.71 min Scan# 102

Delta R.T. -0.00 min

Lab File: VX017030.D

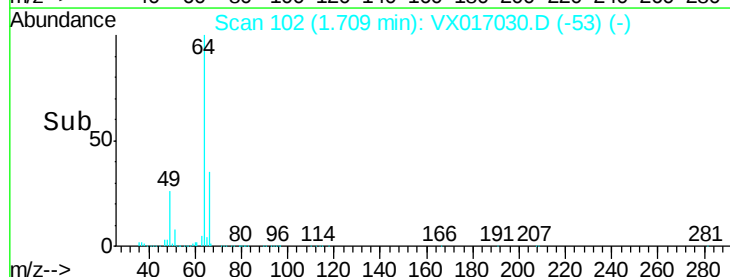
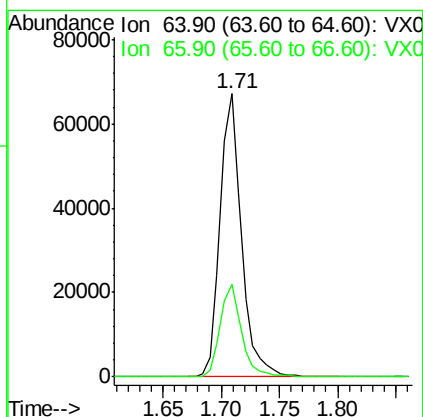
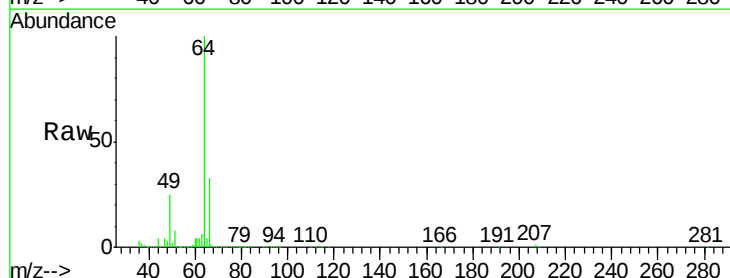
Acq: 30 Jun 2020 00:13

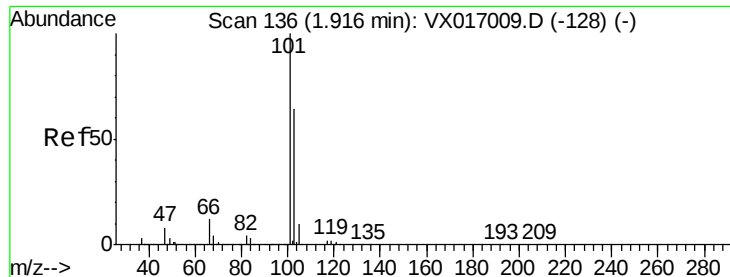
Tgt Ion: 64 Resp: 85228

Ion Ratio Lower Upper

64 100

66 32.7 25.5 38.3





#7

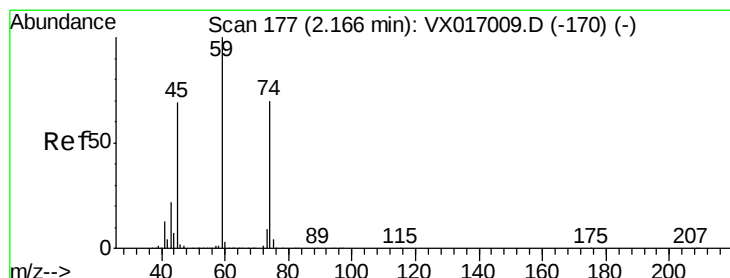
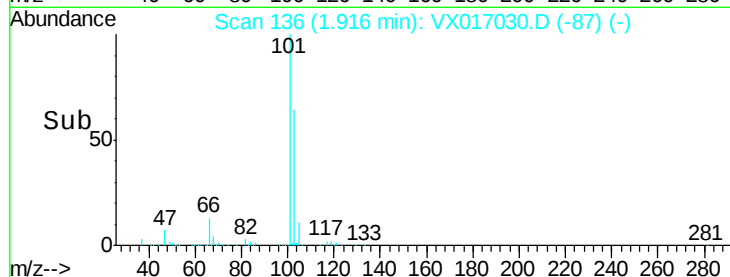
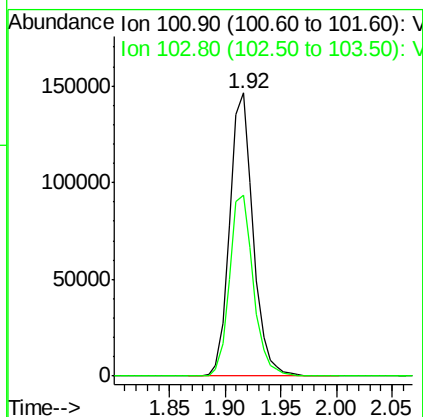
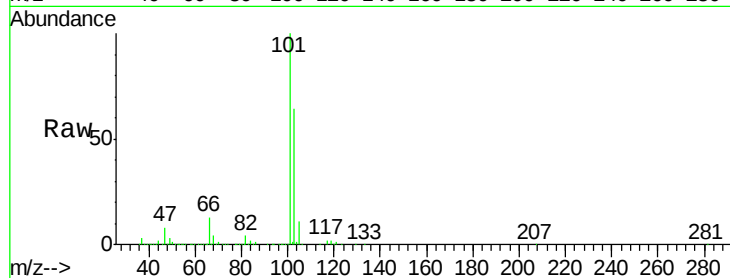
Trichlorofluoromethane  
 Concen: 48.434 ug/l  
 RT: 1.92 min Scan# 136  
 Delta R.T. -0.00 min  
 Lab File: VX017030.D  
 Acq: 30 Jun 2020 00:13

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050EC

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 101     | 100   |       |       |
| 103     | 64.0  | 51.5  | 77.3  |

Manual Integrations  
 APPROVED

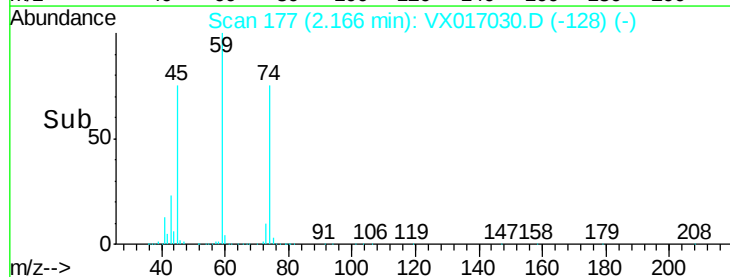
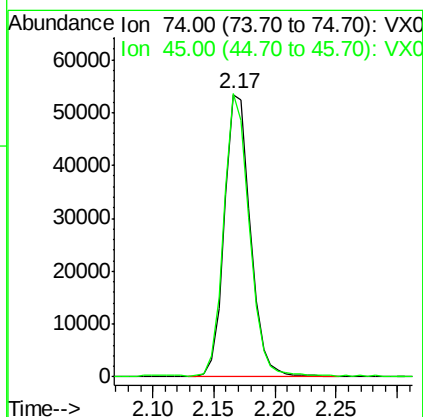
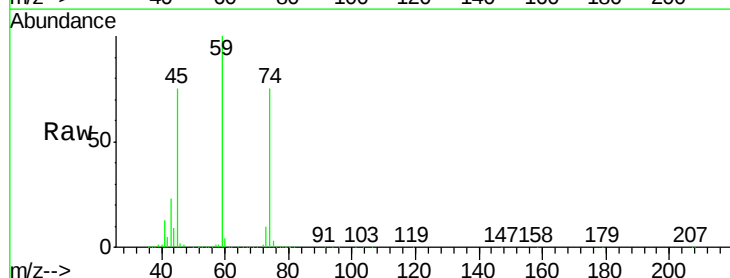
MMDadoda  
 6/30/2020 9:47:30 AM

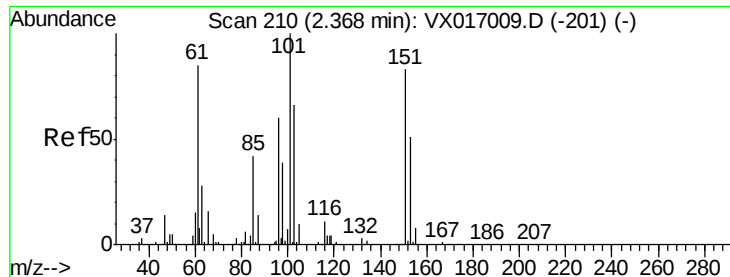


#8

Diethyl Ether  
 Concen: 52.936 ug/l  
 RT: 2.17 min Scan# 177  
 Delta R.T. 0.00 min  
 Lab File: VX017030.D  
 Acq: 30 Jun 2020 00:13

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 74      | 100   |       |       |
| 45      | 97.4  | 49.8  | 149.3 |





#9

1,1,2-Trichlorotrifluoroethane

Concen: 49.031 ug/l

RT: 2.36 min Scan# 209

Delta R.T. -0.01 min

Lab File: VX017030.D

Acq: 30 Jun 2020 00:13

Instrument :

MSVOA\_X

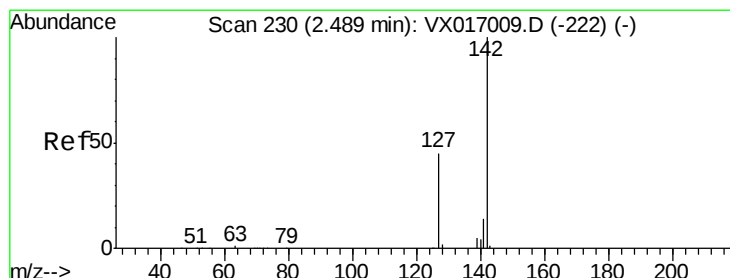
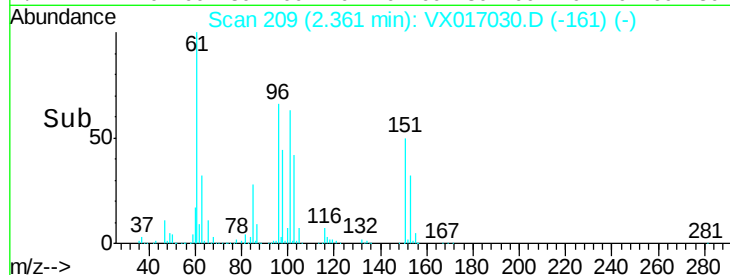
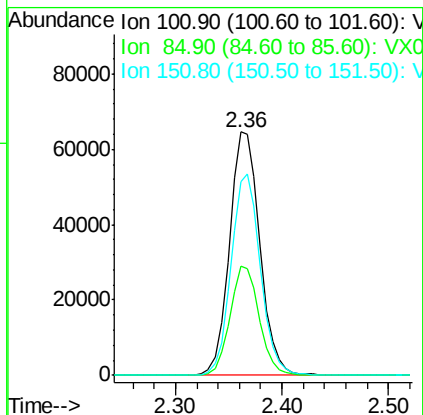
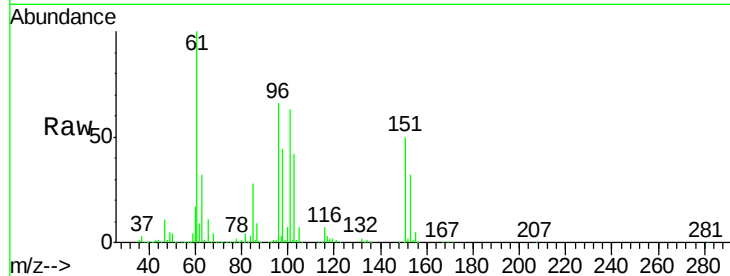
ClientSampleId :

VSTDCCC050EC

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 101   | Resp: | 129158 |
| Ion Ratio | Lower | Upper |        |
| 101       | 100   |       |        |
| 85        | 43.3  | 33.5  | 50.3   |
| 151       | 79.9  | 63.8  | 95.6   |

Manual Integrations  
APPROVED

MMDadoda  
6/30/2020 9:47:30 AM



#10

Methyl Iodide

Concen: 45.645 ug/l

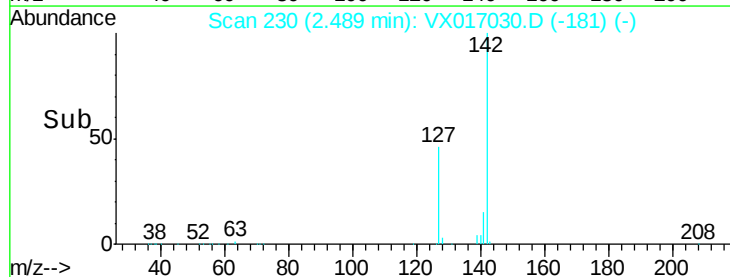
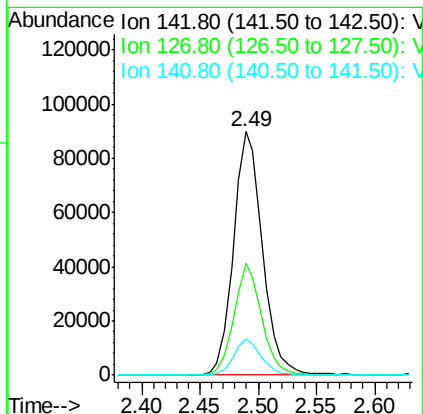
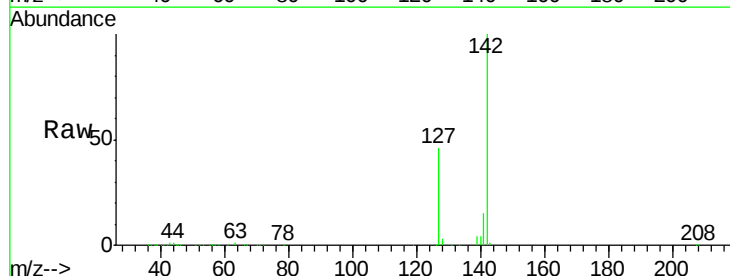
RT: 2.49 min Scan# 230

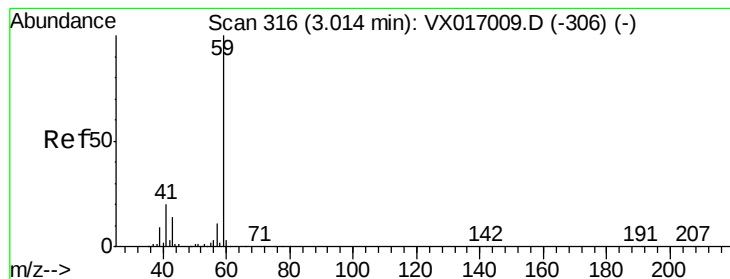
Delta R.T. -0.00 min

Lab File: VX017030.D

Acq: 30 Jun 2020 00:13

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 142   | Resp: | 155150 |
| Ion Ratio | Lower | Upper |        |
| 142       | 100   |       |        |
| 127       | 44.1  | 36.6  | 54.8   |
| 141       | 14.3  | 11.6  | 17.4   |





#11

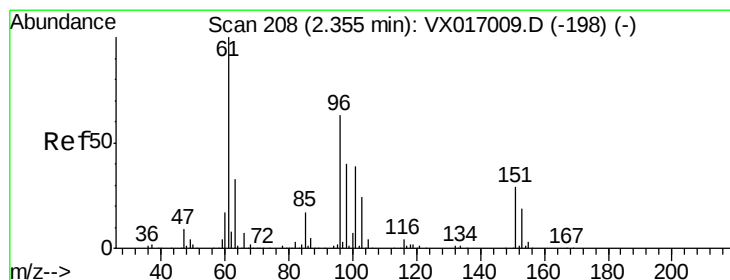
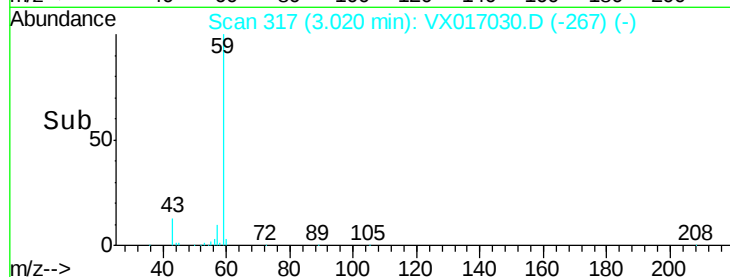
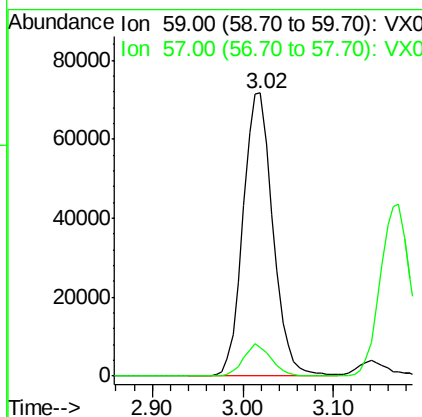
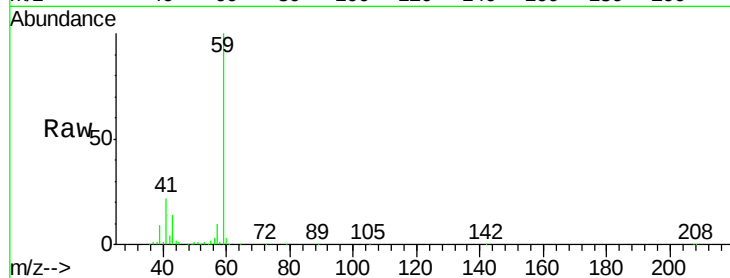
Tert butyl alcohol  
Concen: 254.689 ug/l  
RT: 3.02 min Scan# 317  
Delta R.T. 0.01 min  
Lab File: VX017030.D  
Acq: 30 Jun 2020 00:13

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

| Tot Ion | 59 | 57 | Ratio | 100 | 10.6 | Resp | 163831 | Lower | 8.2 | Upper | 12.2 |
|---------|----|----|-------|-----|------|------|--------|-------|-----|-------|------|
| Ion     | 59 | 57 | Ratio | 100 | 10.6 | Resp | 163831 | Lower | 8.2 | Upper | 12.2 |

Manual Integrations  
APPROVED

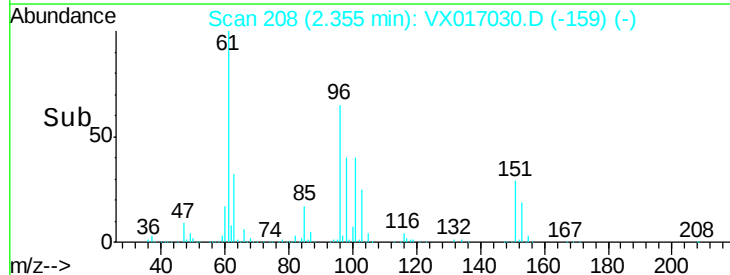
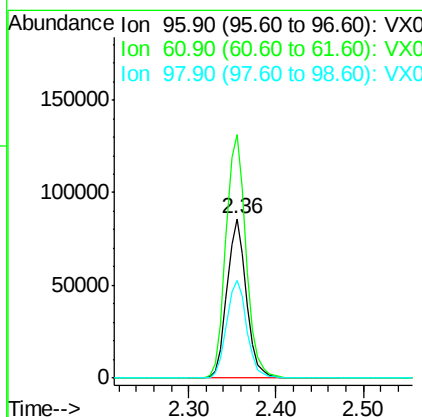
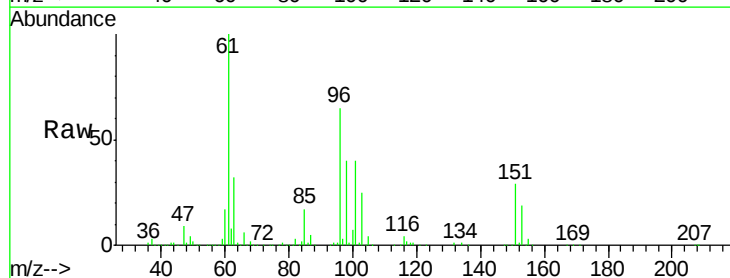
MMDadoda  
6/30/2020 9:47:30 AM

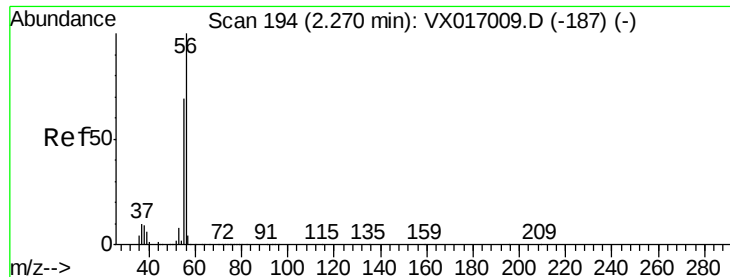


#12

1,1-Dichloroethene  
Concen: 48.899 ug/l  
RT: 2.36 min Scan# 208  
Delta R.T. -0.00 min  
Lab File: VX017030.D  
Acq: 30 Jun 2020 00:13

| Tgt Ion | 96 | 61 | 98 | Ratio | 100 | 152.6 | 61.4 | Resp | 132324 | Lower | 126.3 | Upper | 189.5 | 76.6 |
|---------|----|----|----|-------|-----|-------|------|------|--------|-------|-------|-------|-------|------|
| Ion     | 96 | 61 | 98 | Ratio | 100 | 152.6 | 61.4 | Resp | 132324 | Lower | 126.3 | Upper | 189.5 | 76.6 |





#13

Acrolein

Concen: 225.432 ug/l

RT: 2.27 min Scan# 194

Delta R.T. -0.00 min

Lab File: VX017030.D

Acq: 30 Jun 2020 00:13

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 56 Resp: 86685

Ion Ratio Lower Upper

56 100

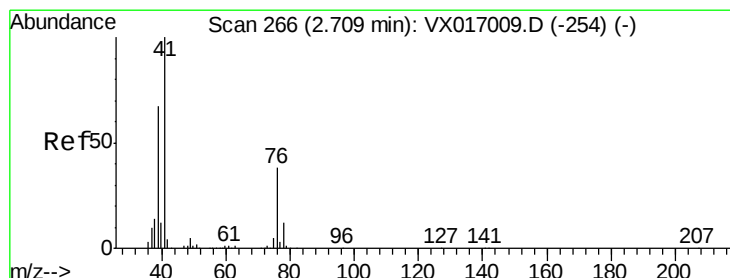
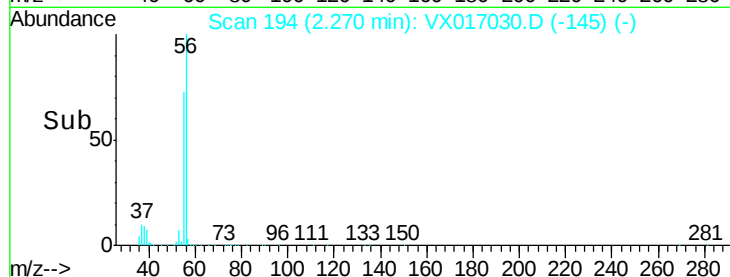
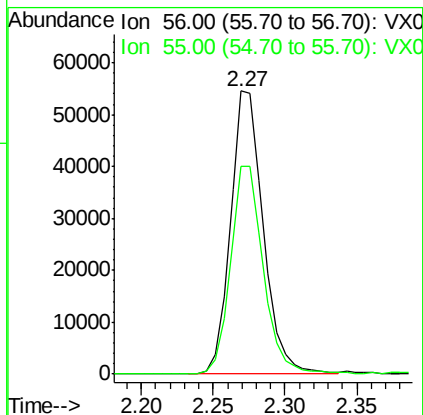
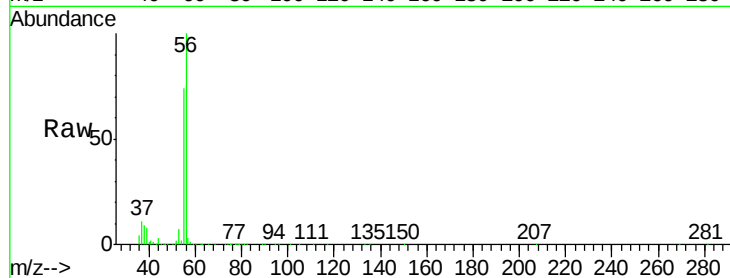
55 73.3 55.7 83.5

Manual Integrations

APPROVED

MMDadoda

6/30/2020 9:47:30 AM



#14

Allyl chloride

Concen: 47.398 ug/l

RT: 2.71 min Scan# 266

Delta R.T. -0.00 min

Lab File: VX017030.D

Acq: 30 Jun 2020 00:13

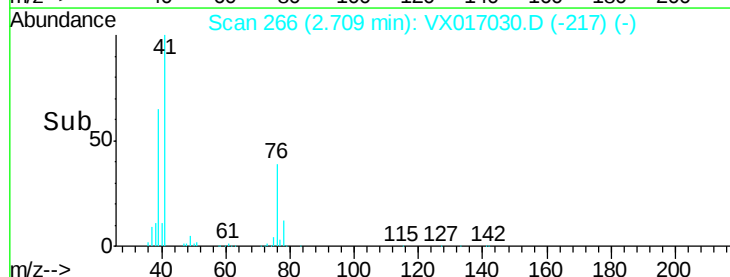
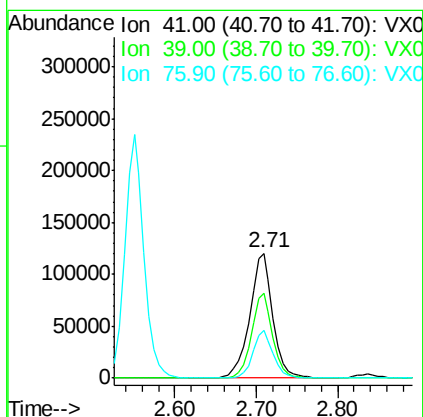
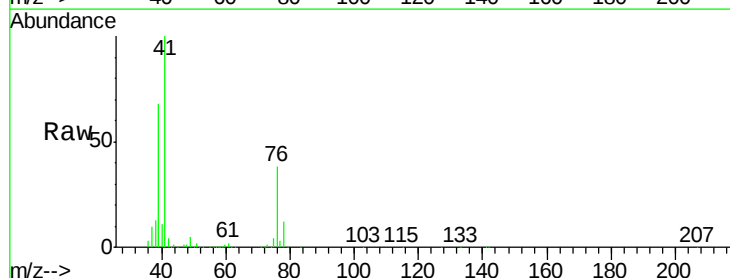
Tgt Ion: 41 Resp: 237038

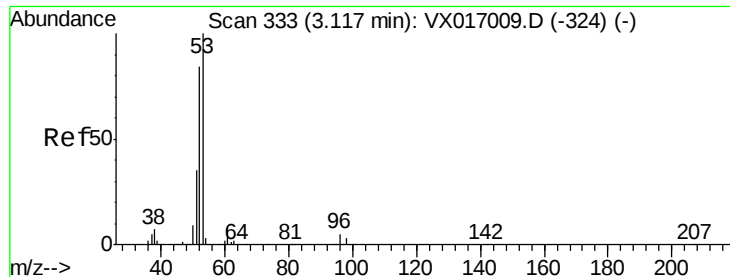
Ion Ratio Lower Upper

41 100

39 61.8 49.4 74.2

76 32.7 26.8 40.2





#15

Acrylonitrile

Concen: 256.516 ug/l

RT: 3.12 min Scan# 333

Delta R.T. -0.00 min

Lab File: VX017030.D

Acq: 30 Jun 2020 00:13

Instrument :

MSVOA\_X

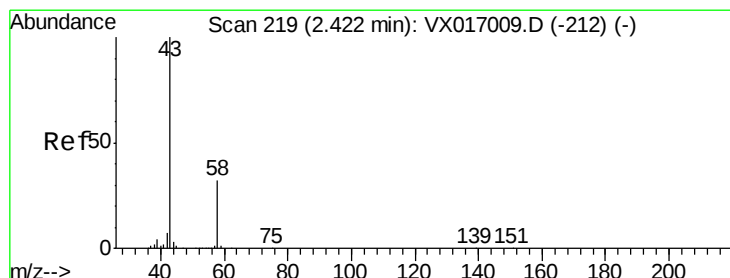
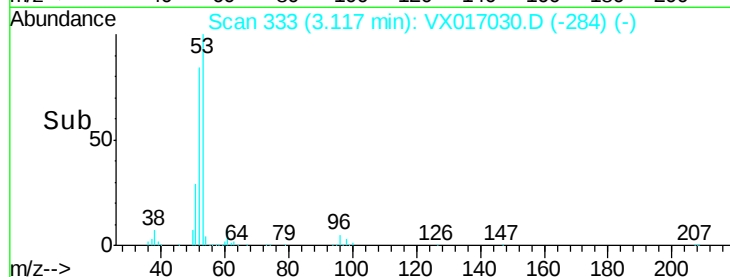
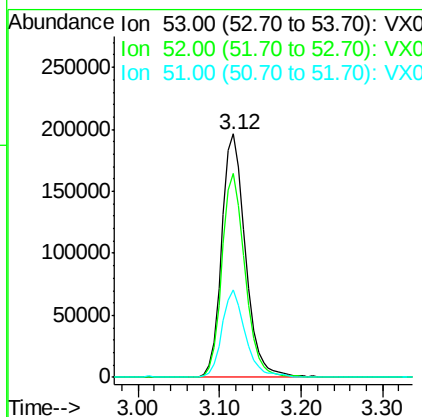
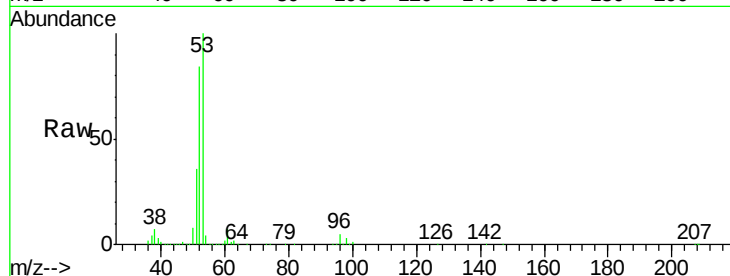
ClientSampleId :

VSTDCCC050EC

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 53    | Resp: | 396669 |
| Ion Ratio | Lower | Upper |        |
| 53        | 100   |       |        |
| 52        | 82.0  | 65.6  | 98.4   |
| 51        | 35.2  | 28.3  | 42.5   |

Manual Integrations  
APPROVED

MMDadoda  
6/30/2020 9:47:30 AM



#16

Acetone

Concen: 254.120 ug/l

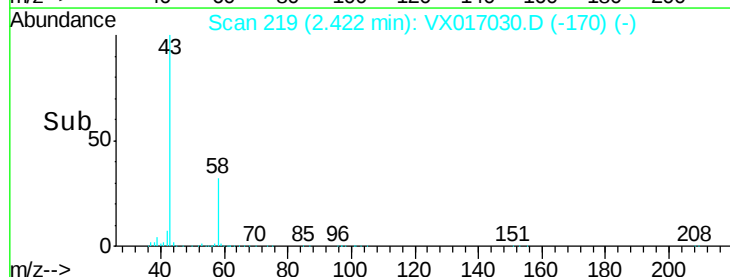
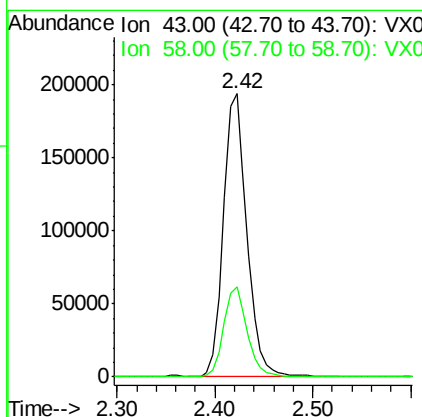
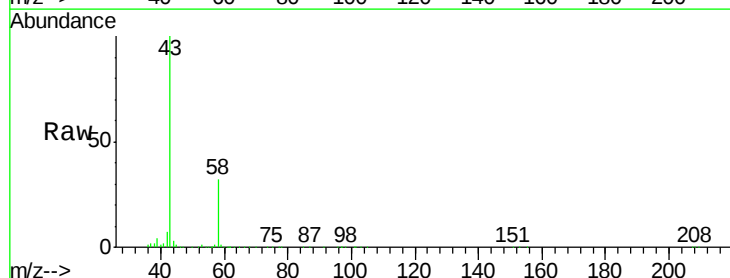
RT: 2.42 min Scan# 219

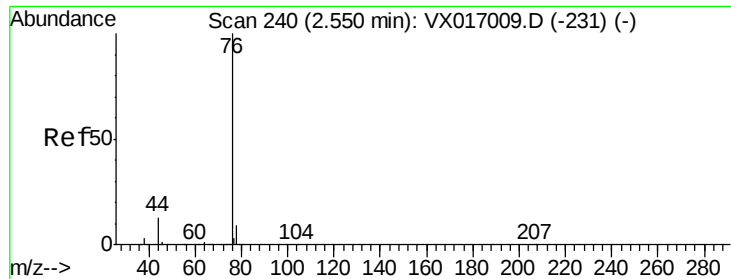
Delta R.T. -0.00 min

Lab File: VX017030.D

Acq: 30 Jun 2020 00:13

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 43    | Resp: | 320546 |
| Ion Ratio | Lower | Upper |        |
| 43        | 100   |       |        |
| 58        | 31.9  | 25.7  | 38.5   |





#17

Carbon Disulfide

Concen: 50.814 ug/l

RT: 2.55 min Scan# 240

Delta R.T. 0.00 min

Lab File: VX017030.D

Acq: 30 Jun 2020 00:13

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 76 Resp: 383719

Ion Ratio Lower Upper

76 100

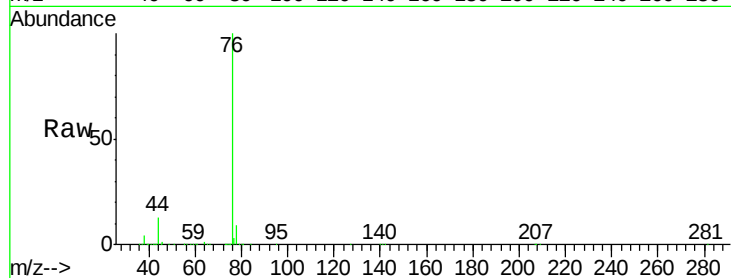
78 8.9 7.2 10.8

Manual Integrations

APPROVED

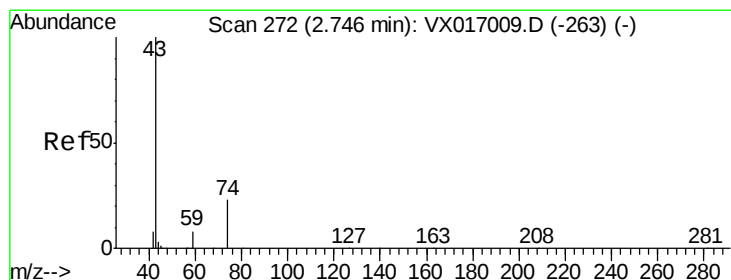
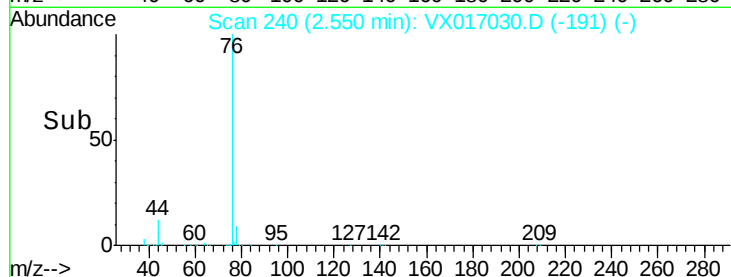
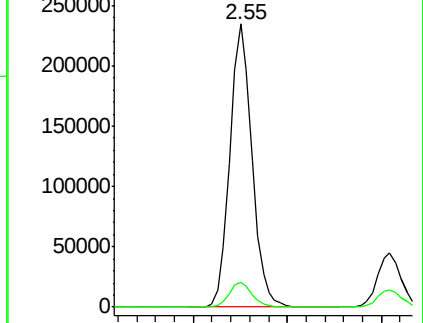
MMDadoda

6/30/2020 9:47:30 AM



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 51.330 ug/l

RT: 2.75 min Scan# 273

Delta R.T. 0.01 min

Lab File: VX017030.D

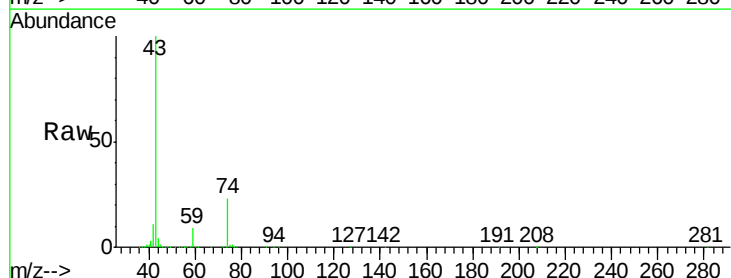
Acq: 30 Jun 2020 00:13

Tgt Ion: 43 Resp: 169025

Ion Ratio Lower Upper

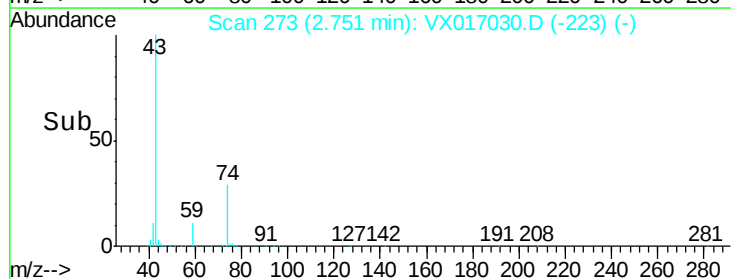
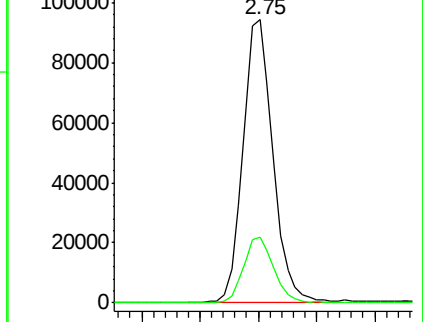
43 100

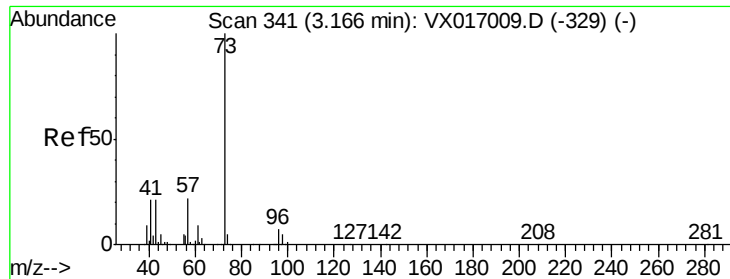
74 23.9 19.3 28.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0





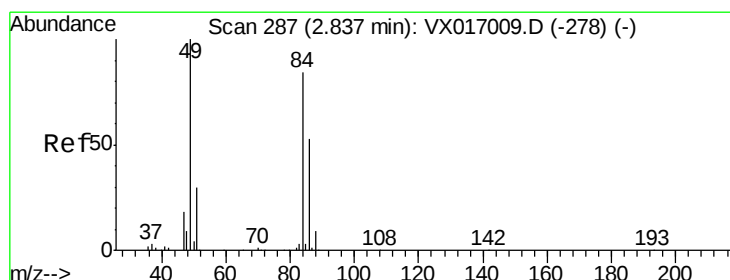
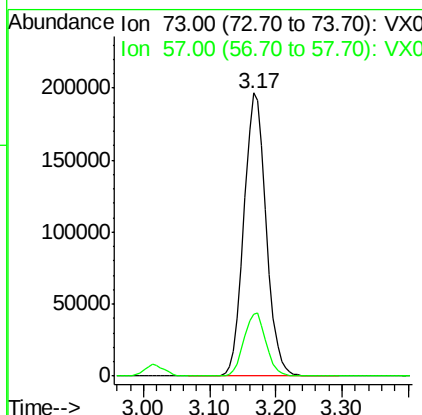
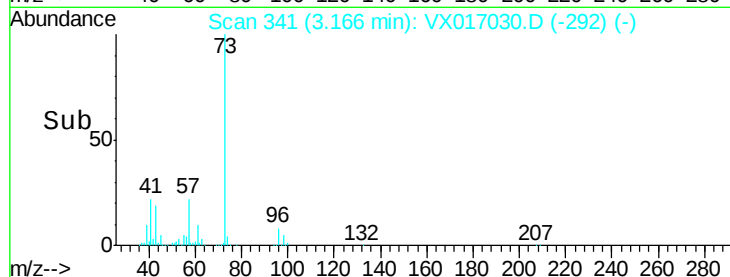
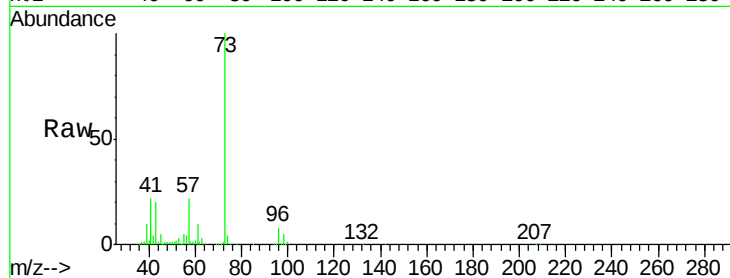
#19  
Methvl tert-butvl Ether  
Concen: 50.625 ug/l  
RT: 3.17 min Scan# 341  
Delta R.T. -0.00 min  
Lab File: VX017030.D  
Acq: 30 Jun 2020 00:13

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

Tot Ion: 73 Resp: 459778  
Ion Ratio Lower Upper  
73 100  
57 21.9 17.6 26.4

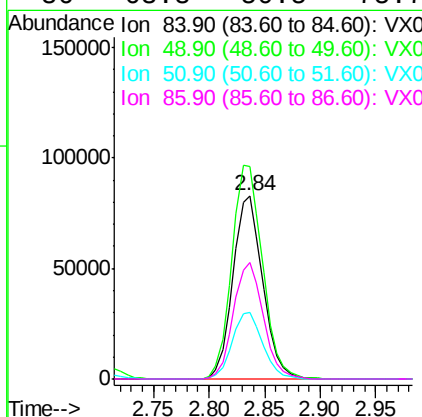
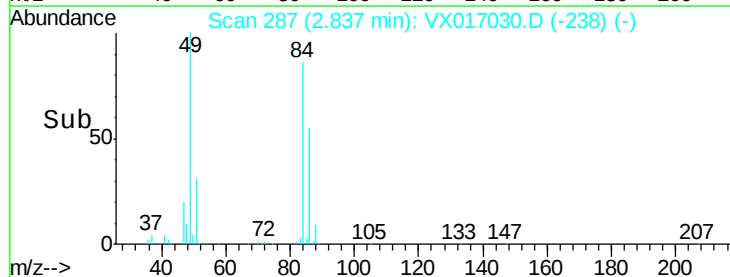
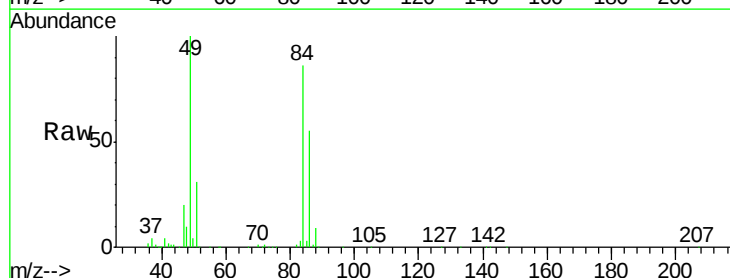
Manual Integrations  
APPROVED

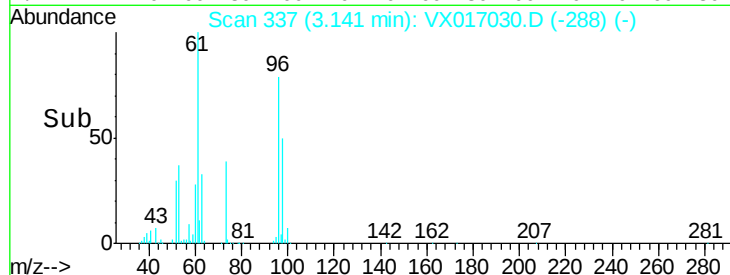
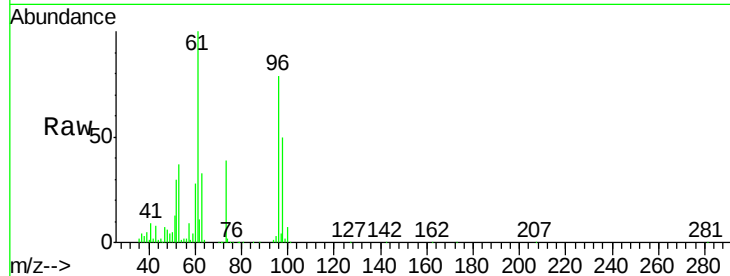
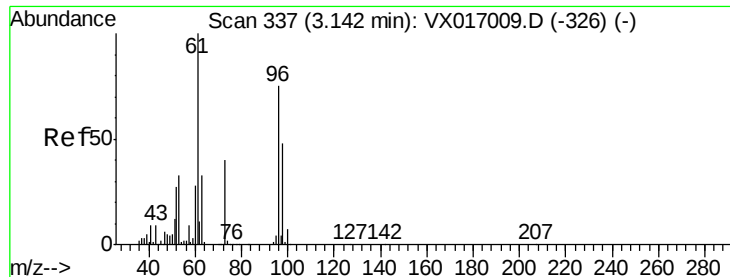
MMDadoda  
6/30/2020 9:47:30 AM



#20  
Methylene Chloride  
Concen: 53.226 ug/l  
RT: 2.84 min Scan# 287  
Delta R.T. 0.00 min  
Lab File: VX017030.D  
Acq: 30 Jun 2020 00:13

Tgt Ion: 84 Resp: 153835  
Ion Ratio Lower Upper  
84 100  
49 115.8 94.7 142.1  
51 36.2 28.6 42.8  
86 63.8 50.5 75.7





#21

trans-1,2-Dichloroethene

Concen: 49.476 ug/l

RT: 3.14 min Scan# 337

Delta R.T. -0.00 min

Lab File: VX017030.D

Acq: 30 Jun 2020 00:13

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 96    | Resp: | 148579 |
| Ion      | Ratio | Lower | Upper  |
| 96       | 100   |       |        |
| 61       | 127.5 | 107.0 | 160.6  |
| 98       | 63.8  | 51.6  | 77.4   |

Instrument :

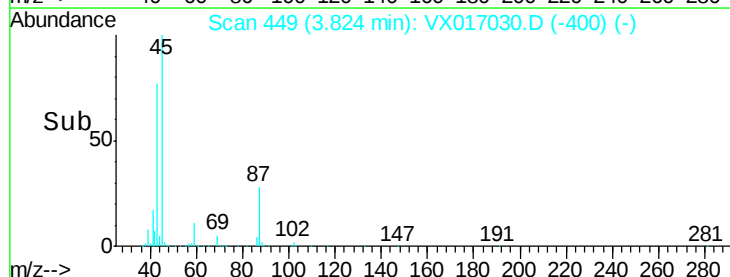
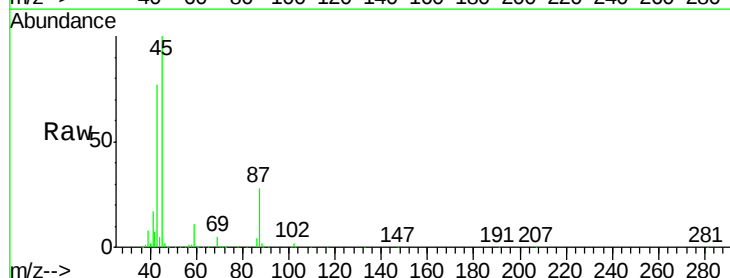
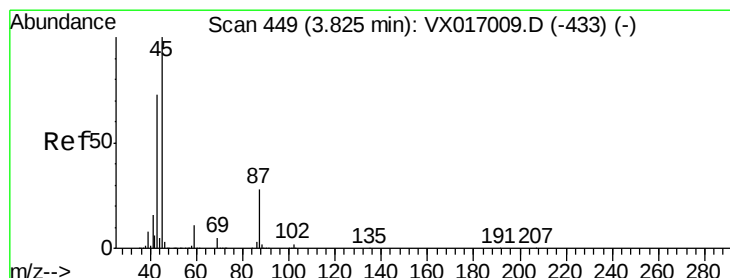
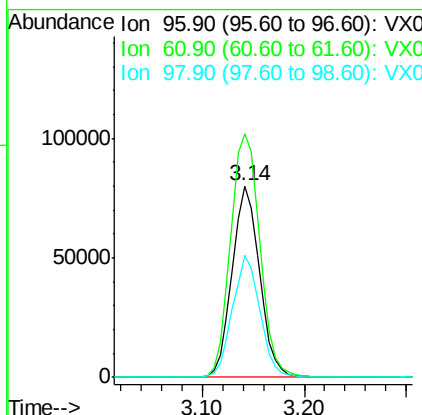
MSVOA\_X

ClientSampleId :

VSTDCCC050EC

Manual Integrations  
APPROVED

MMDadoda  
6/30/2020 9:47:30 AM



#22

Diisopropyl ether

Concen: 51.600 ug/l

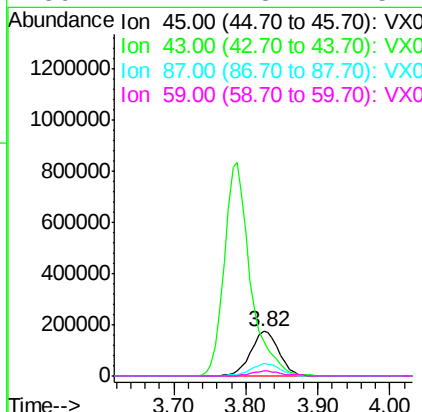
RT: 3.82 min Scan# 449

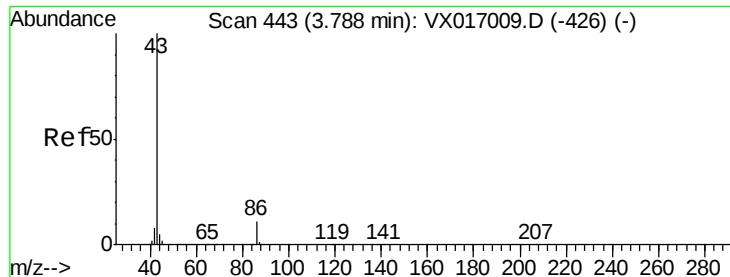
Delta R.T. -0.00 min

Lab File: VX017030.D

Acq: 30 Jun 2020 00:13

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 45    | Resp: | 477615 |
| Ion      | Ratio | Lower | Upper  |
| 45       | 100   |       |        |
| 43       | 77.4  | 58.6  | 88.0   |
| 87       | 28.3  | 22.6  | 34.0   |
| 59       | 11.1  | 8.7   | 13.1   |





#23

Vinyl Acetate

Concen: 264.025 ug/l

RT: 3.79 min Scan# 443

Delta R.T. -0.00 min

Lab File: VX017030.D

Acq: 30 Jun 2020 00:13

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 2099997

Ion Ratio Lower Upper

43 100

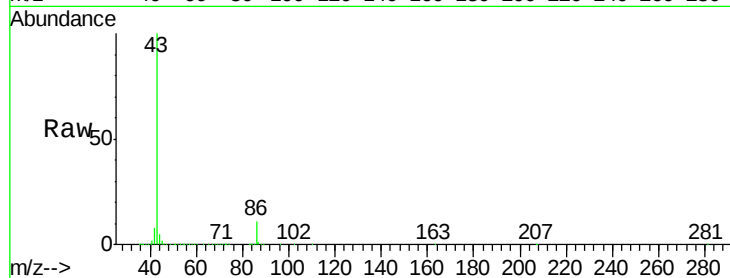
86 10.7 8.6 13.0

Manual Integrations

APPROVED

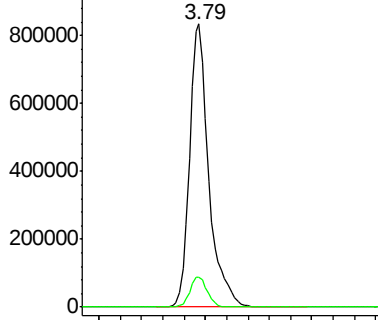
MMDadoda

6/30/2020 9:47:30 AM

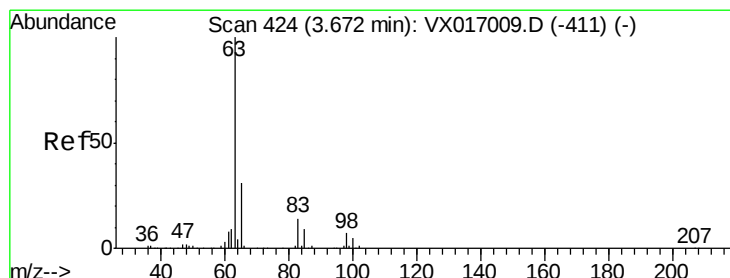
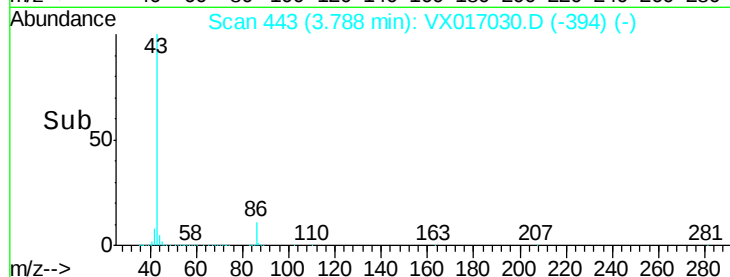


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



Time-->



#24

1,1-Dichloroethane

Concen: 49.751 ug/l

RT: 3.67 min Scan# 424

Delta R.T. -0.00 min

Lab File: VX017030.D

Acq: 30 Jun 2020 00:13

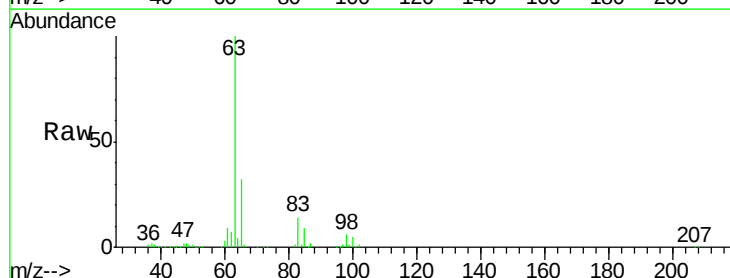
Tgt Ion: 63 Resp: 262022

Ion Ratio Lower Upper

63 100

98 6.4 3.6 10.8

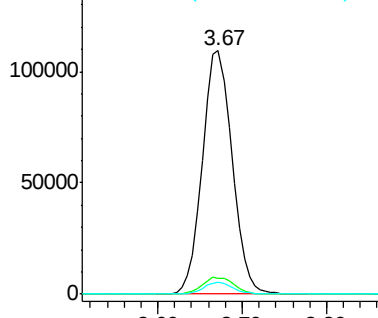
100 4.9 2.4 7.1



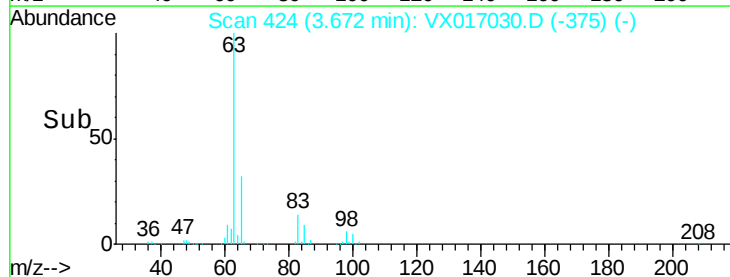
Abundance Ion 62.90 (62.60 to 63.60): VX0

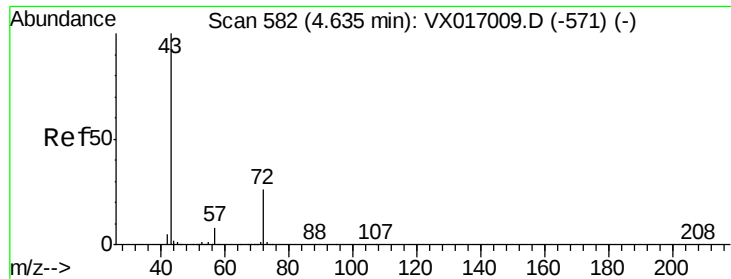
Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0



Time-->





#25

2-Butanone

Concen: 260.506 ug/l

RT: 4.64 min Scan# 582

Delta R.T. -0.00 min

Lab File: VX017030.D

Acq: 30 Jun 2020 00:13

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 547535

Ion Ratio Lower Upper

43 100

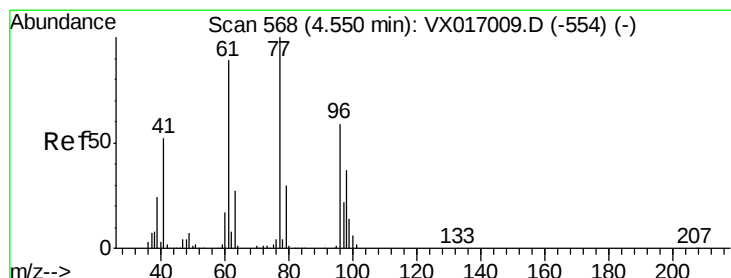
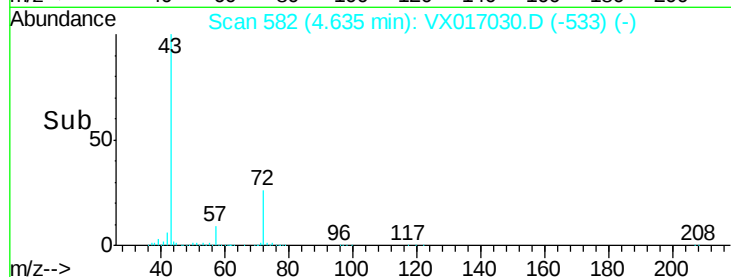
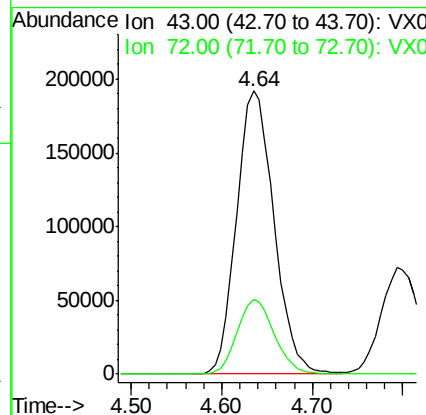
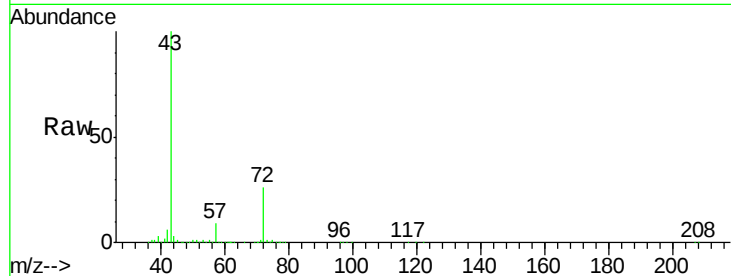
72 26.2 20.8 31.2

Manual Integrations

APPROVED

MMDadoda

6/30/2020 9:47:30 AM



#26

2,2-Dichloropropane

Concen: 40.798 ug/l

RT: 4.55 min Scan# 568

Delta R.T. -0.00 min

Lab File: VX017030.D

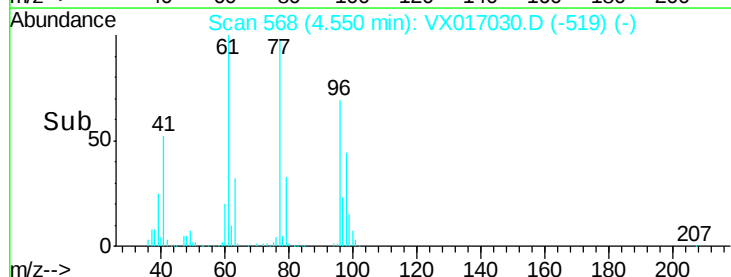
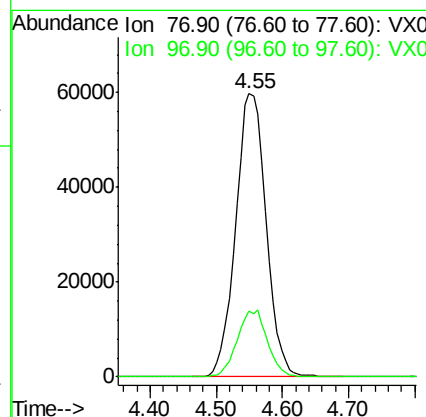
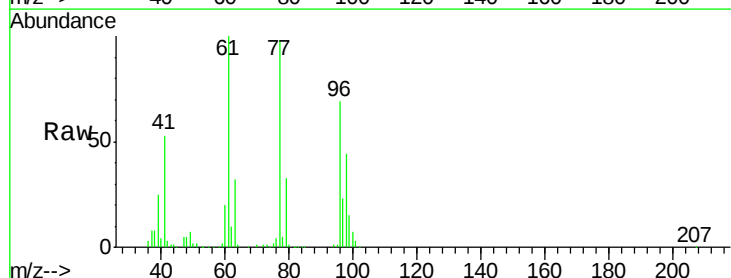
Acq: 30 Jun 2020 00:13

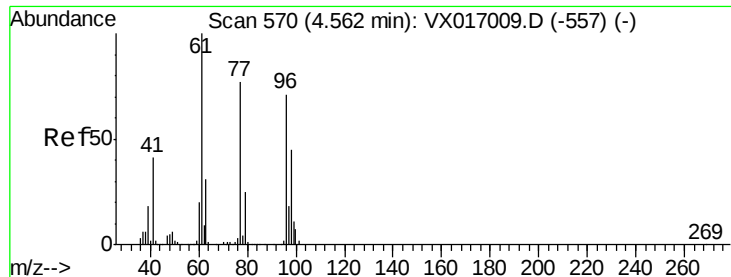
Tgt Ion: 77 Resp: 190782

Ion Ratio Lower Upper

77 100

97 23.4 11.4 34.2





#27

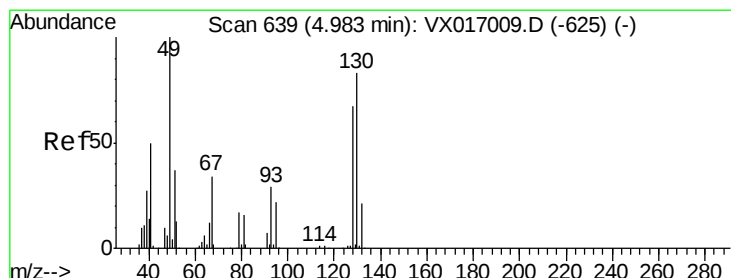
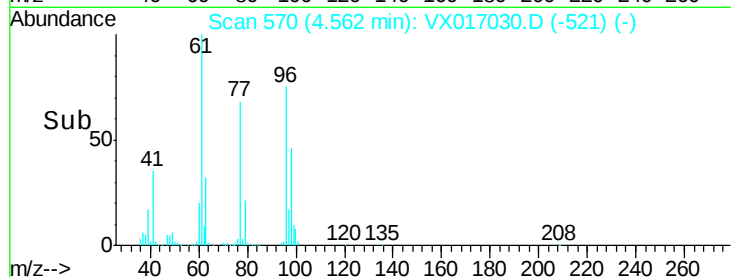
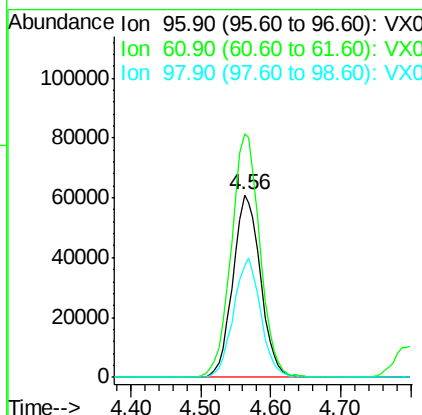
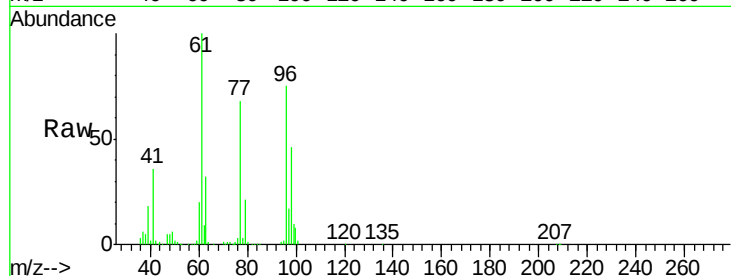
cis-1,2-Dichloroethene  
Concen: 49.097 ug/l  
RT: 4.56 min Scan# 570  
Delta R.T. -0.00 min  
Lab File: VX017030.D  
Acq: 30 Jun 2020 00:13

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 96      | 100   |       |       |
| 61      | 139.0 | 0.0   | 282.8 |
| 98      | 64.3  | 0.0   | 127.6 |

Manual Integrations  
APPROVED

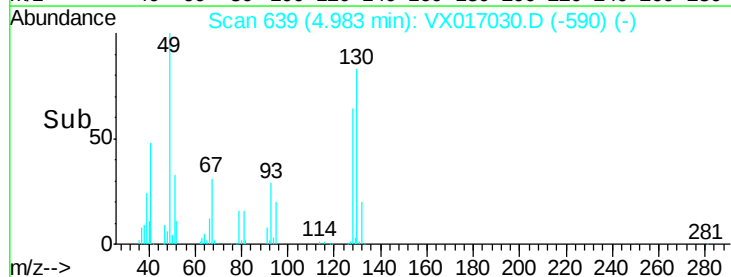
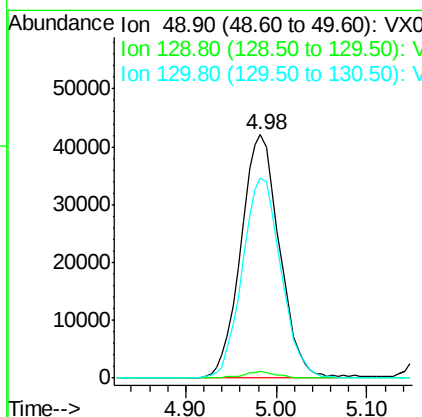
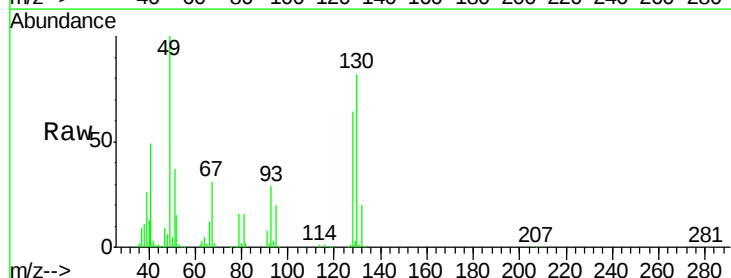
MMDadoda  
6/30/2020 9:47:30 AM

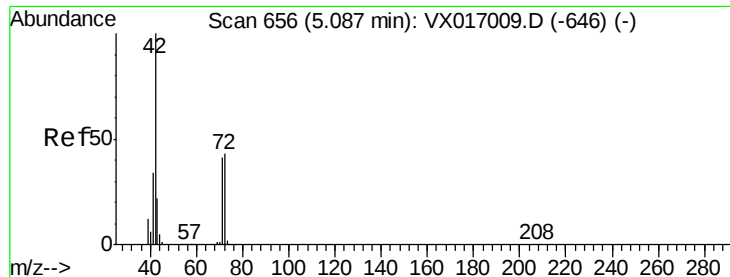


#28

Bromochloromethane  
Concen: 48.374 ug/l  
RT: 4.98 min Scan# 639  
Delta R.T. -0.00 min  
Lab File: VX017030.D  
Acq: 30 Jun 2020 00:13

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 49      | 100   |       |       |
| 129     | 2.2   | 0.0   | 4.2   |
| 130     | 82.5  | 66.6  | 100.0 |





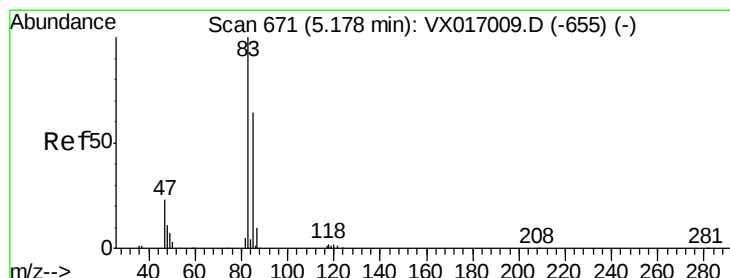
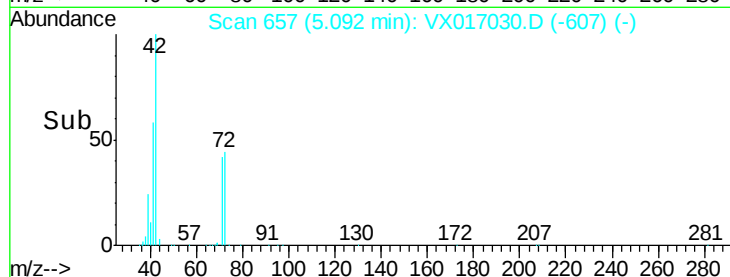
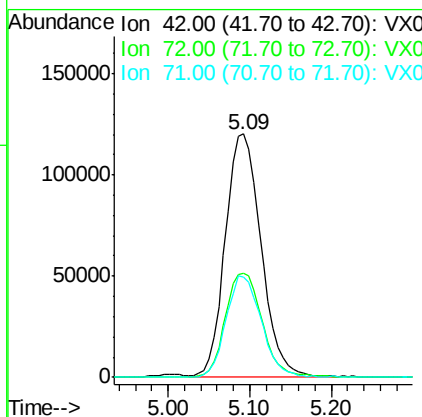
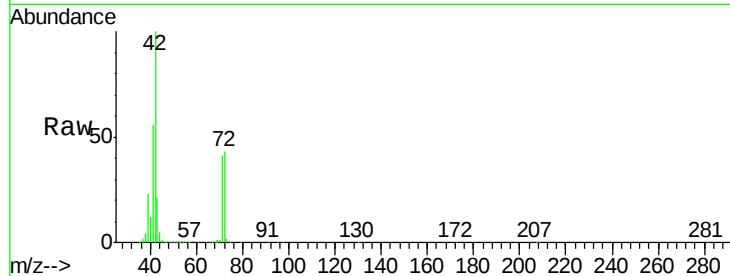
#29  
Tetrahydrofuran  
Concen: 261.666 ug/l  
RT: 5.09 min Scan# 657  
Delta R.T. 0.01 min  
Lab File: VX017030.D  
Acq: 30 Jun 2020 00:13

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 42      | 100   |       |       |
| 72      | 44.8  | 35.3  | 52.9  |
| 71      | 41.4  | 33.1  | 49.7  |

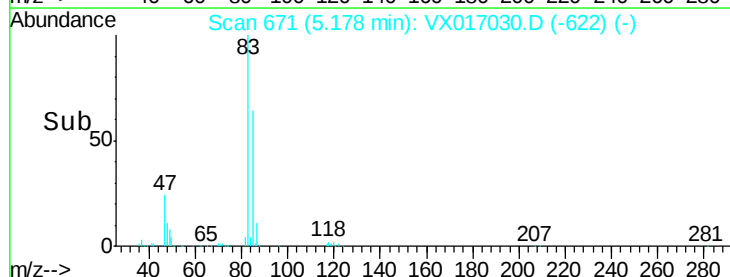
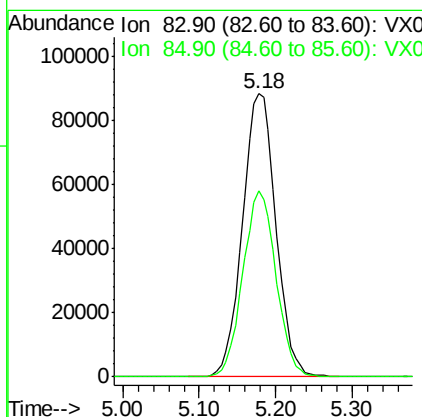
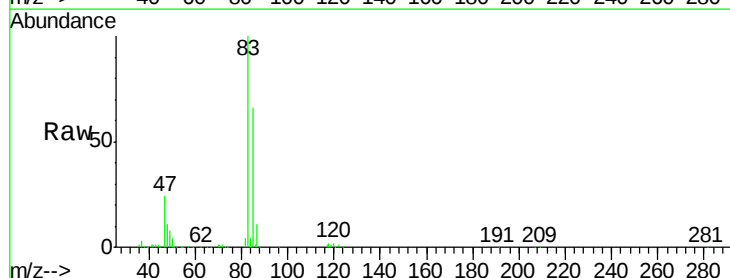
Manual Integrations  
APPROVED

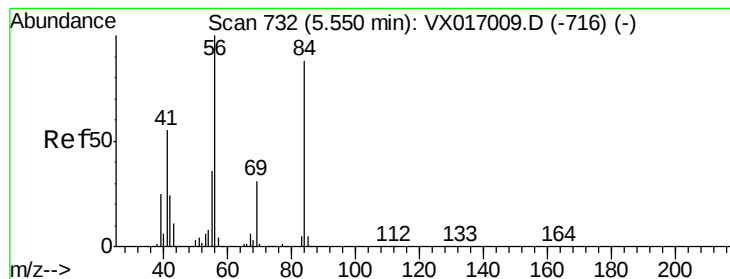
MMDadoda  
6/30/2020 9:47:30 AM



#30  
Chloroform  
Concen: 49.793 ug/l  
RT: 5.18 min Scan# 671  
Delta R.T. -0.00 min  
Lab File: VX017030.D  
Acq: 30 Jun 2020 00:13

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 83      | 100   |       |       |
| 85      | 65.5  | 51.4  | 77.2  |





#31

Cyclohexane

Concen: 50.132 ug/l

RT: 5.55 min Scan# 732

Delta R.T. -0.00 min

Lab File: VX017030.D

Acq: 30 Jun 2020 00:13

Instrument :

MSVOA\_X

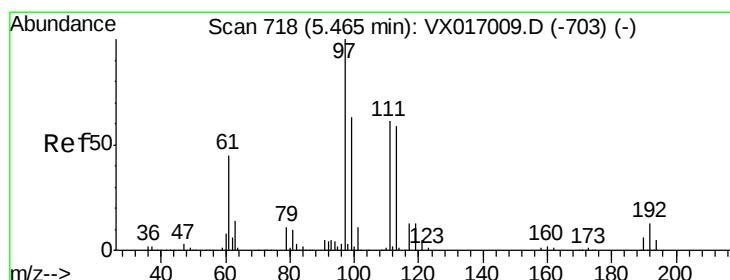
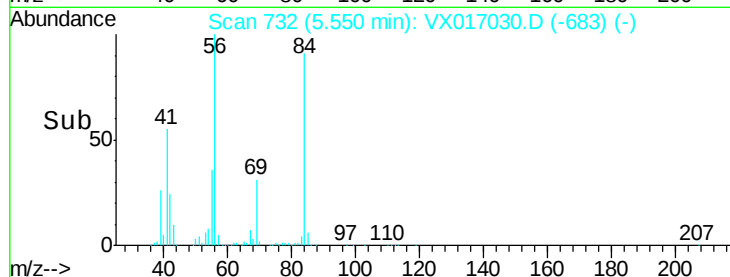
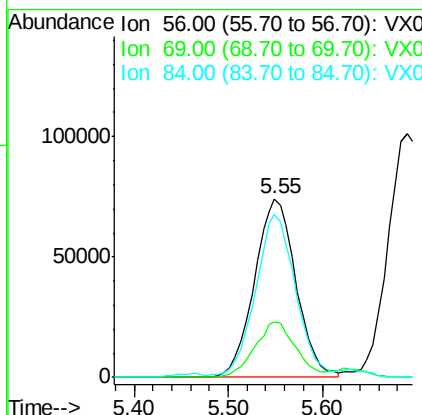
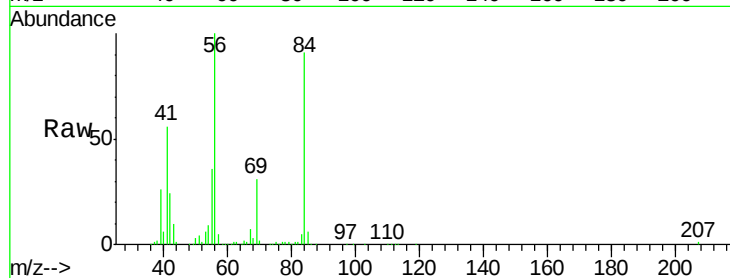
ClientSampleId :

VSTDCCC050EC

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 56    | Resp: | 228218 |
| Ion      | Ratio | Lower | Upper  |
| 56       | 100   |       |        |
| 69       | 31.3  | 25.0  | 37.4   |
| 84       | 89.4  | 69.1  | 103.7  |

Manual Integrations  
APPROVED

MMDadoda  
6/30/2020 9:47:30 AM



#32

1,1,1-Trichloroethane

Concen: 49.352 ug/l

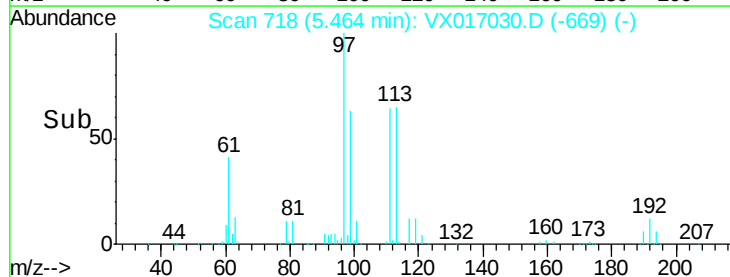
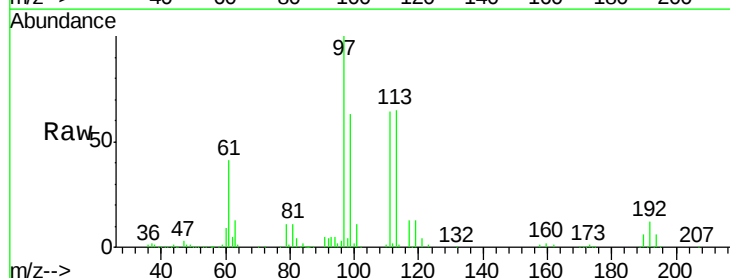
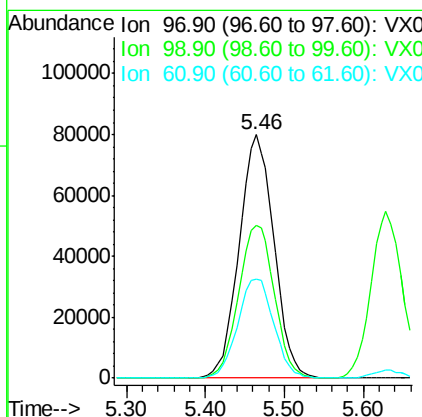
RT: 5.46 min Scan# 718

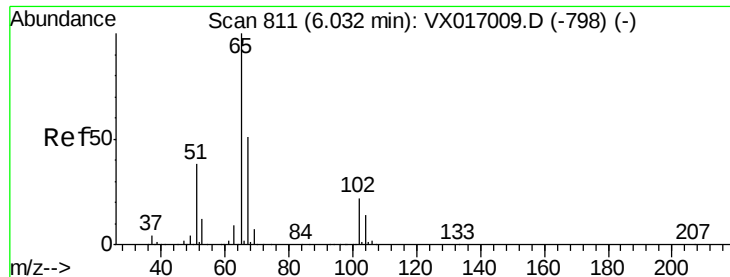
Delta R.T. -0.00 min

Lab File: VX017030.D

Acq: 30 Jun 2020 00:13

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 97    | Resp: | 245383 |
| Ion      | Ratio | Lower | Upper  |
| 97       | 100   |       |        |
| 99       | 64.2  | 50.8  | 76.2   |
| 61       | 42.5  | 33.7  | 50.5   |





#33

1,2-Dichloroethane-d4

Concen: 52.278 ug/l

RT: 6.03 min Scan# 811

Delta R.T. -0.00 min

Lab File: VX017030.D

Acq: 30 Jun 2020 00:13

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 65 Resp: 176275

Ion Ratio Lower Upper

65 100

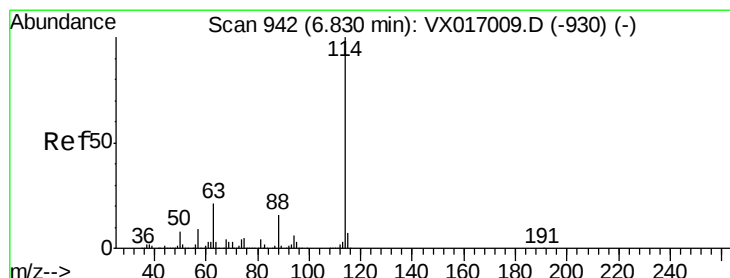
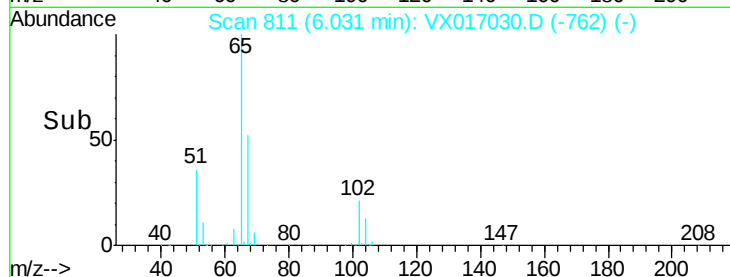
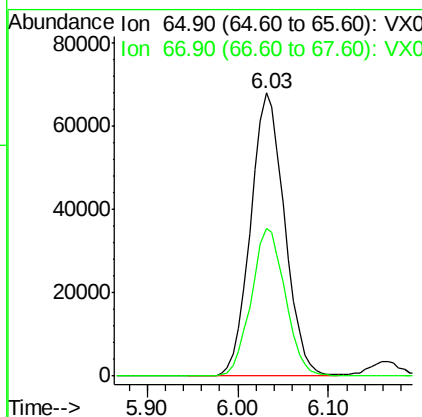
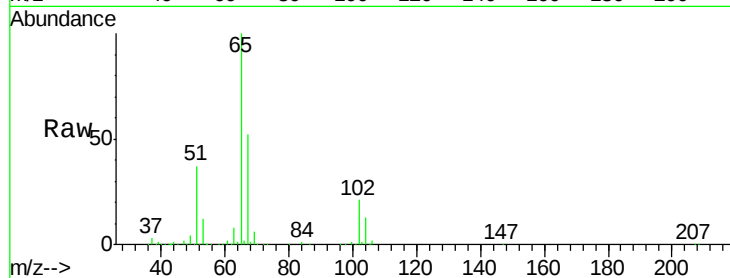
67 52.1 0.0 103.8

Manual Integrations

APPROVED

MMDadoda

6/30/2020 9:47:30 AM



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. -0.00 min

Lab File: VX017030.D

Acq: 30 Jun 2020 00:13

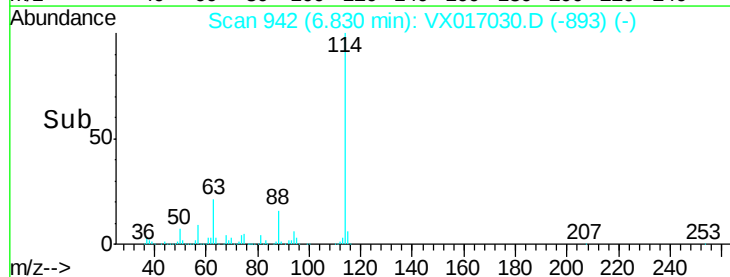
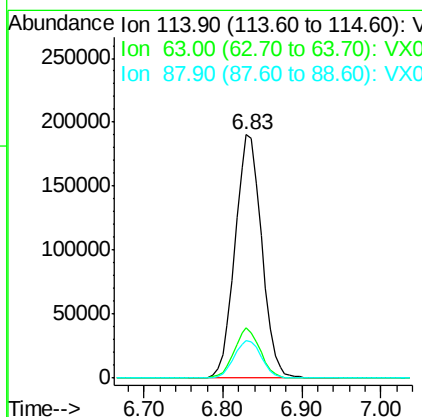
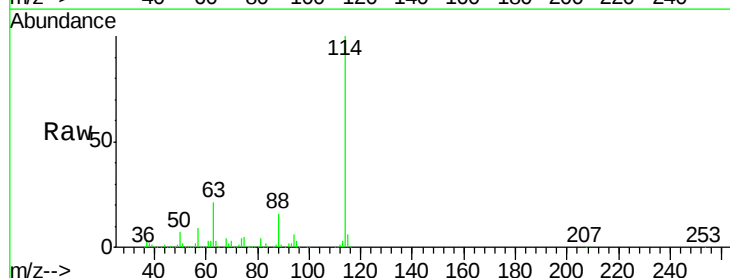
Tgt Ion: 114 Resp: 448657

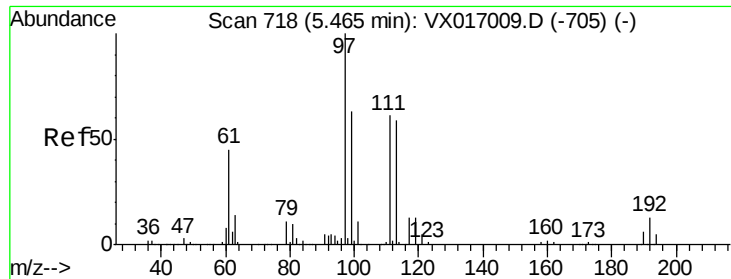
Ion Ratio Lower Upper

114 100

63 20.6 0.0 41.4

88 15.6 0.0 32.4





#35

Dibromofluoromethane

Concen: 51.407 ug/l

RT: 5.46 min Scan# 718

Delta R.T. -0.00 min

Lab File: VX017030.D

Acq: 30 Jun 2020 00:13

Instrument :

MSVOA\_X

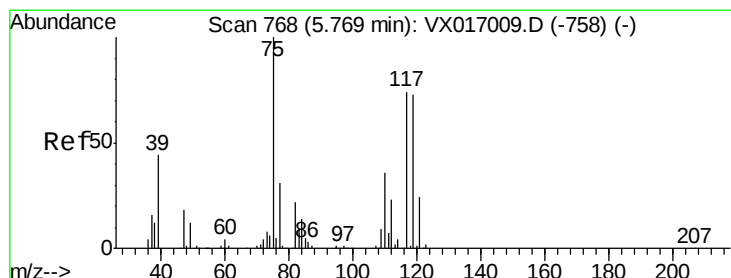
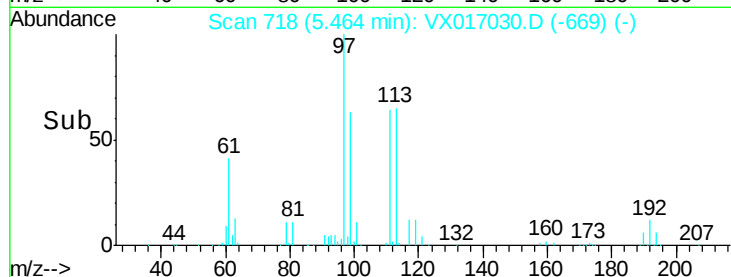
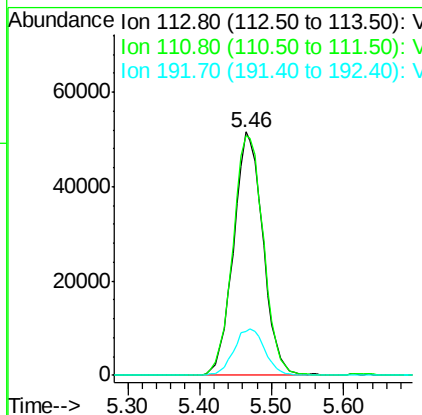
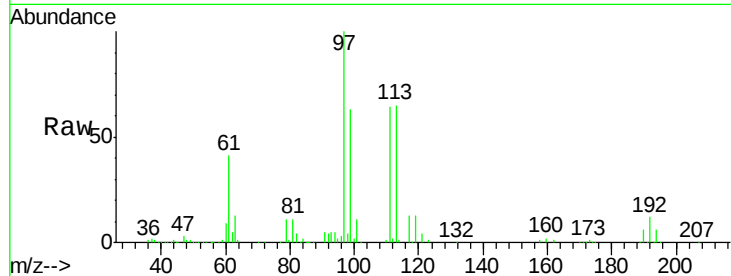
ClientSampleId :

VSTDCCC050EC

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 113   | Resp: | 145896 |
| Ion Ratio | Lower | Upper |        |
| 113       | 100   |       |        |
| 111       | 102.1 | 81.9  | 122.9  |
| 192       | 20.0  | 16.7  | 25.1   |

Manual Integrations  
APPROVED

MMDadoda  
6/30/2020 9:47:30 AM



#36

1,1-Dichloropropene

Concen: 46.780 ug/l

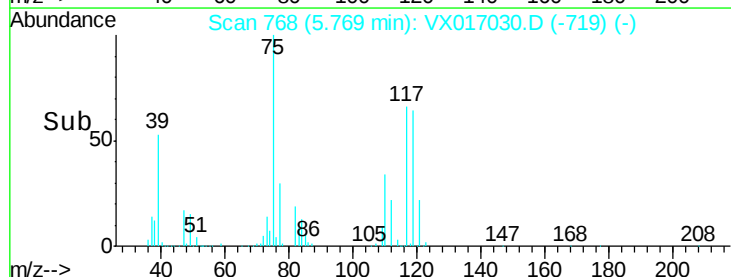
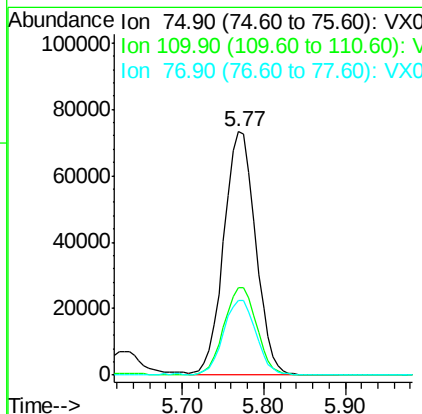
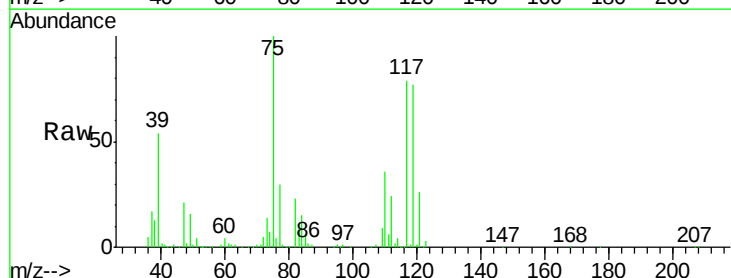
RT: 5.77 min Scan# 768

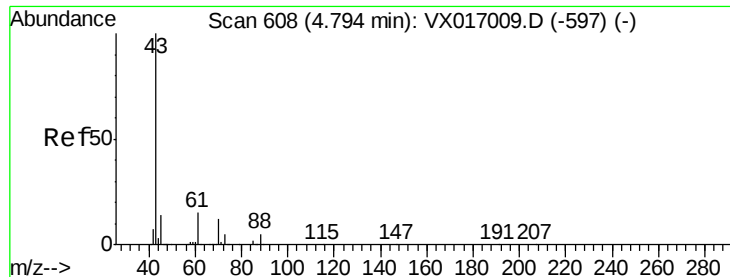
Delta R.T. -0.00 min

Lab File: VX017030.D

Acq: 30 Jun 2020 00:13

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 75    | Resp: | 198365 |
| Ion Ratio | Lower | Upper |        |
| 75        | 100   |       |        |
| 110       | 36.8  | 18.1  | 54.1   |
| 77        | 31.5  | 24.6  | 37.0   |





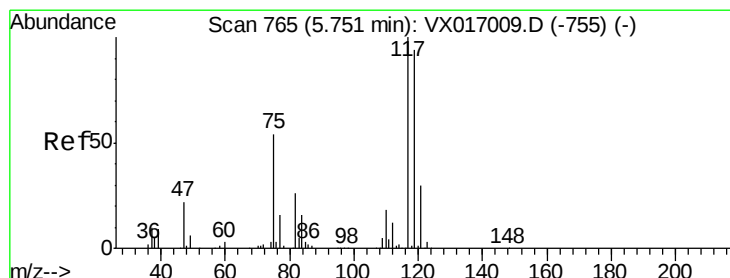
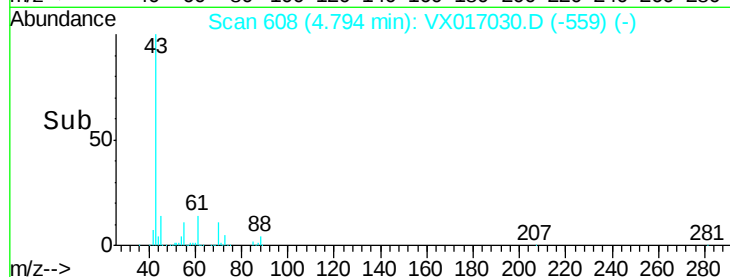
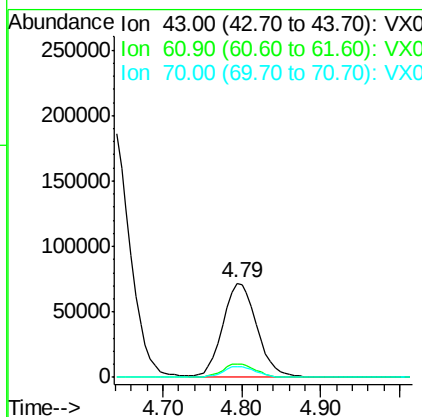
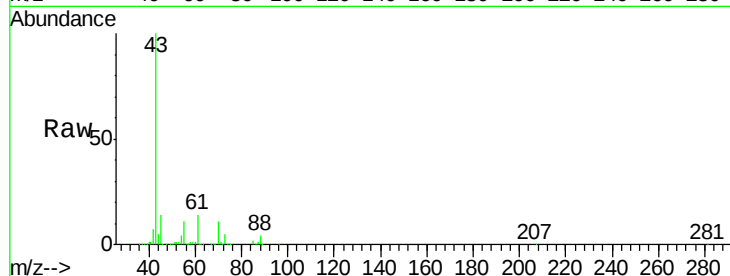
#37  
Ethyl Acetate  
Concen: 50.214 ug/l  
RT: 4.79 min Scan# 608  
Delta R.T. -0.00 min  
Lab File: VX017030.D  
Acq: 30 Jun 2020 00:13

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 61      | 14.0  | 11.0  | 16.4  |
| 70      | 11.1  | 8.9   | 13.3  |

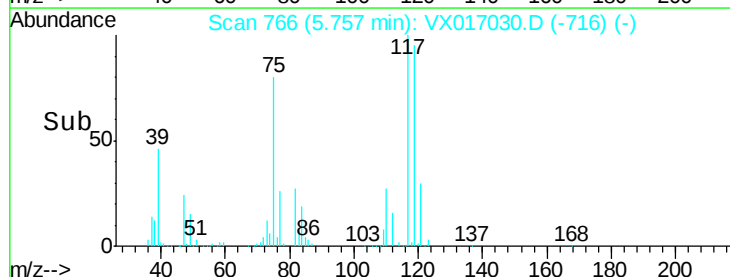
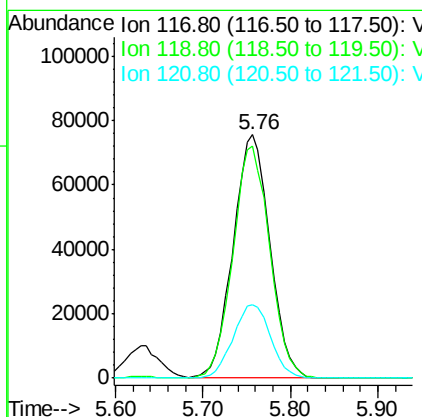
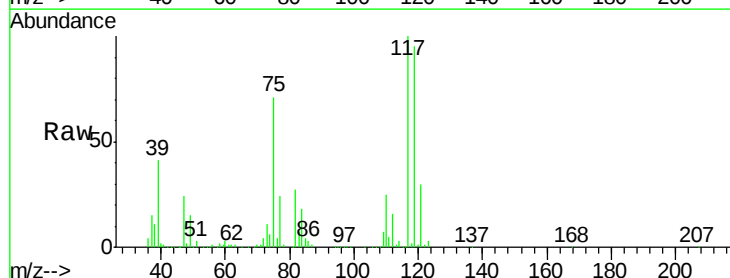
Manual Integrations  
APPROVED

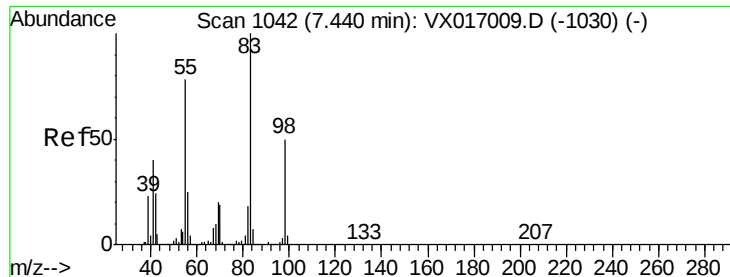
MMDadoda  
6/30/2020 9:47:30 AM



#38  
Carbon Tetrachloride  
Concen: 47.155 ug/l  
RT: 5.76 min Scan# 766  
Delta R.T. 0.01 min  
Lab File: VX017030.D  
Acq: 30 Jun 2020 00:13

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 119     | 95.3  | 75.4  | 113.0 |
| 121     | 30.2  | 23.8  | 35.6  |





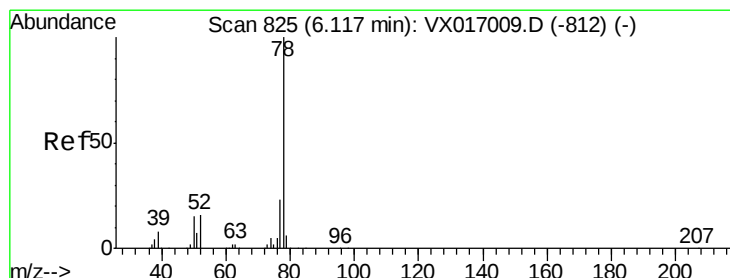
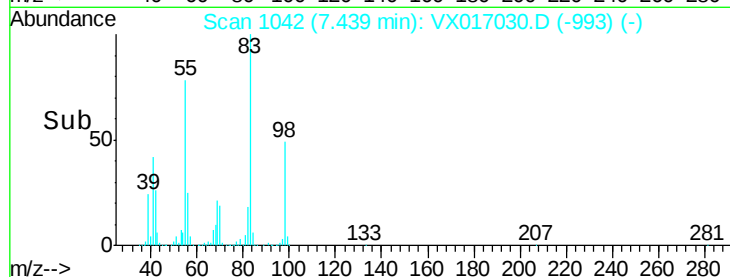
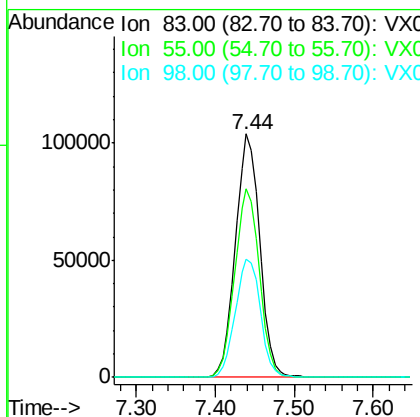
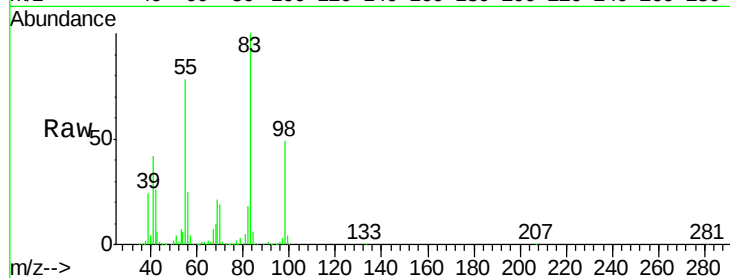
#39  
Methvlcvclohexane  
Concen: 47.342 ug/l  
RT: 7.44 min Scan# 1042  
Delta R.T. -0.00 min  
Lab File: VX017030.D  
Acq: 30 Jun 2020 00:13

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 83      | 100   |       |       |
| 55      | 77.6  | 62.5  | 93.7  |
| 98      | 48.5  | 40.1  | 60.1  |

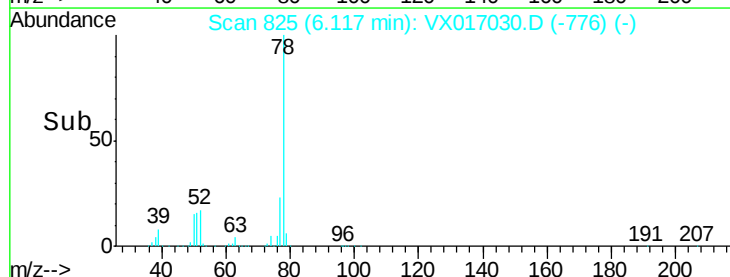
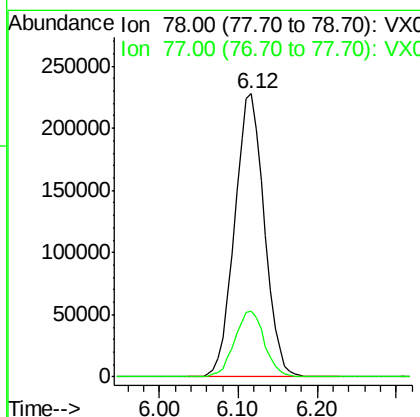
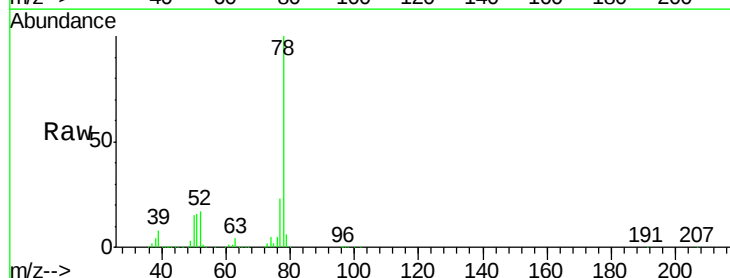
Manual Integrations  
APPROVED

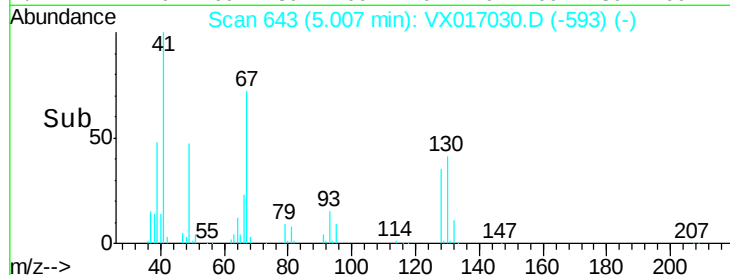
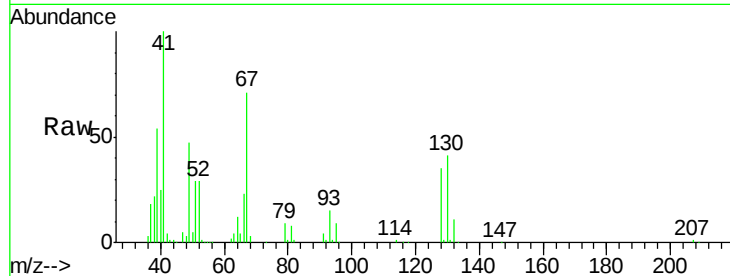
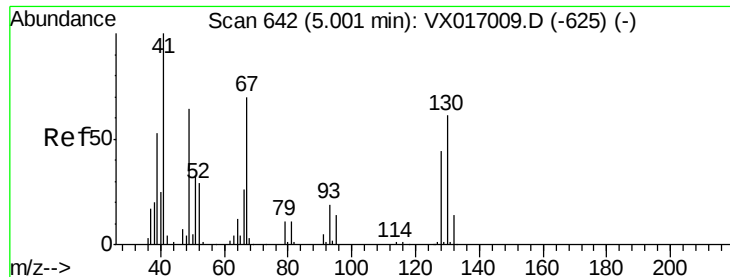
MMDadoda  
6/30/2020 9:47:30 AM



#40  
Benzene  
Concen: 47.727 ug/l  
RT: 6.12 min Scan# 825  
Delta R.T. -0.00 min  
Lab File: VX017030.D  
Acq: 30 Jun 2020 00:13

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 78      | 100   |       |       |
| 77      | 23.2  | 18.3  | 27.5  |





#41

Methacrylonitrile

Concen: 49.084 ug/l

RT: 5.01 min Scan# 643

Delta R.T. 0.01 min

Lab File: VX017030.D

Acq: 30 Jun 2020 00:13

| Tot Ion | Ion  | Ratio | Lower | Upper |
|---------|------|-------|-------|-------|
| 41      | 100  |       |       |       |
| 39      | 54.8 | 44.4  | 66.6  |       |
| 67      | 71.7 | 57.1  | 85.7  |       |
| 52      | 28.7 | 23.2  | 34.8  |       |

Instrument :

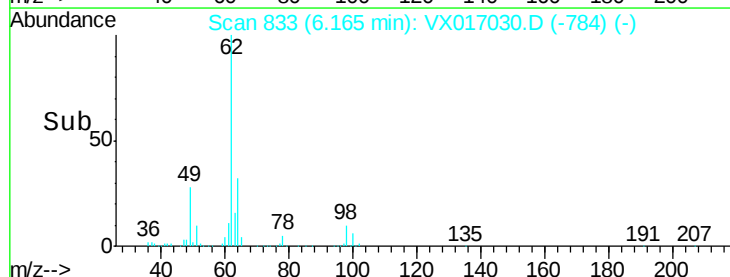
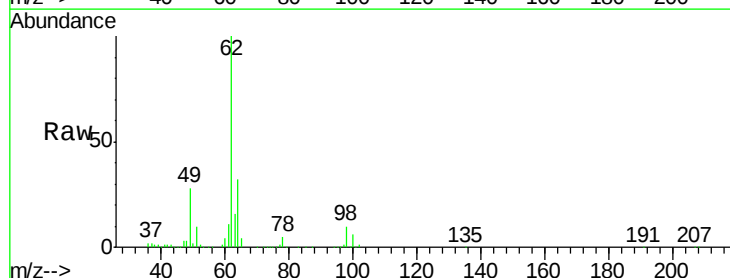
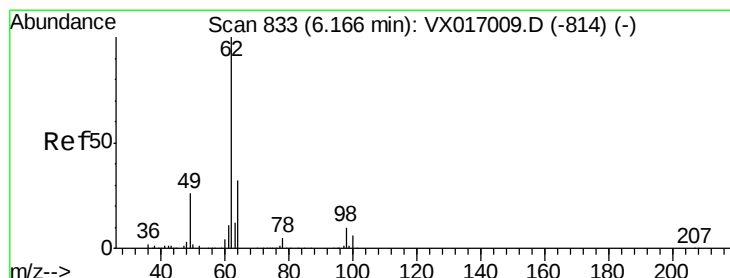
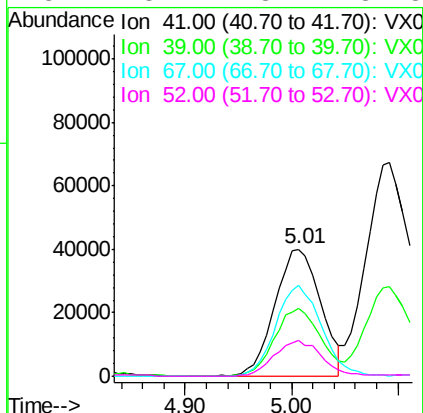
MSVOA\_X

ClientSampleId :

VSTDCCC050EC

Manual Integrations  
APPROVED

MMDadoda  
6/30/2020 9:47:30 AM



#42

1,2-Dichloroethane

Concen: 47.912 ug/l

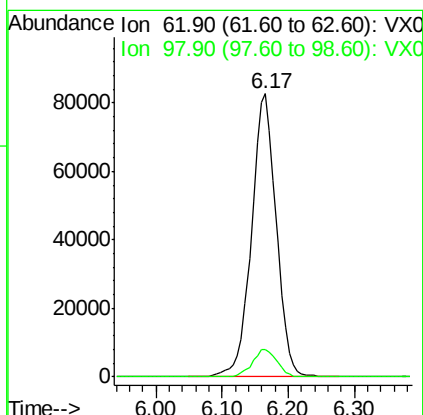
RT: 6.17 min Scan# 833

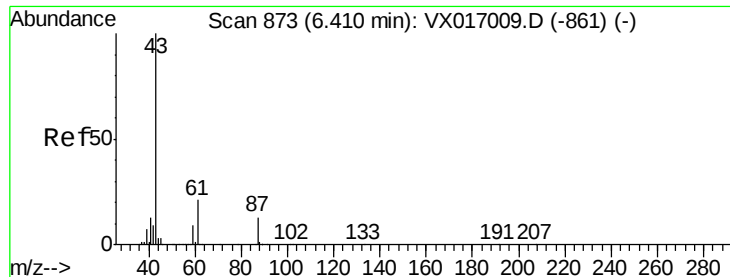
Delta R.T. -0.00 min

Lab File: VX017030.D

Acq: 30 Jun 2020 00:13

| Tgt Ion | Ion | Ratio | Lower | Upper |
|---------|-----|-------|-------|-------|
| 62      | 100 |       |       |       |
| 98      | 9.7 | 0.0   | 19.2  |       |





#43

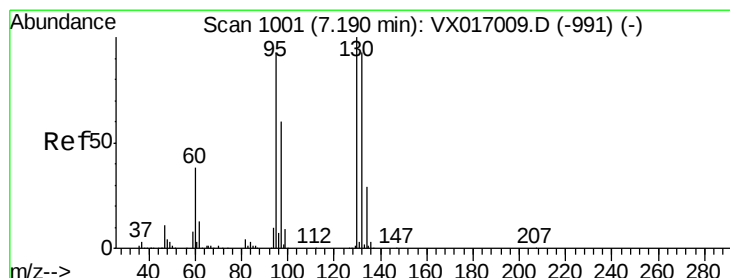
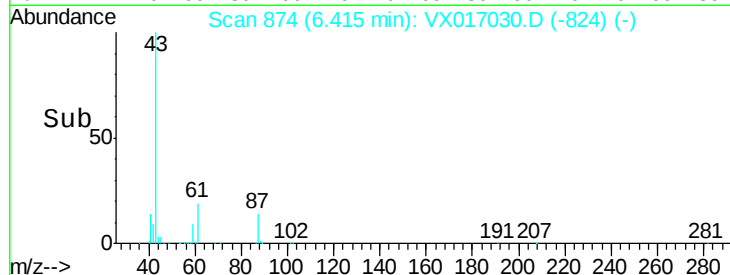
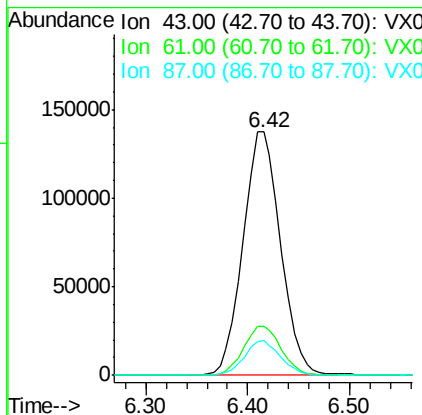
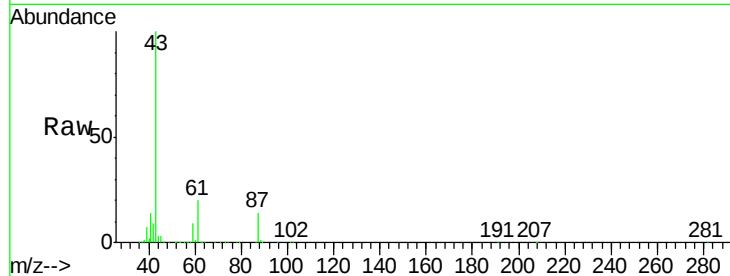
Isopropyl Acetate  
 Concen: 49.035 ug/l  
 RT: 6.42 min Scan# 874  
 Delta R.T. 0.01 min  
 Lab File: VX017030.D  
 Acq: 30 Jun 2020 00:13

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050EC

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 61      | 20.5  | 16.2  | 24.2  |
| 87      | 13.7  | 10.7  | 16.1  |

Manual Integrations  
 APPROVED

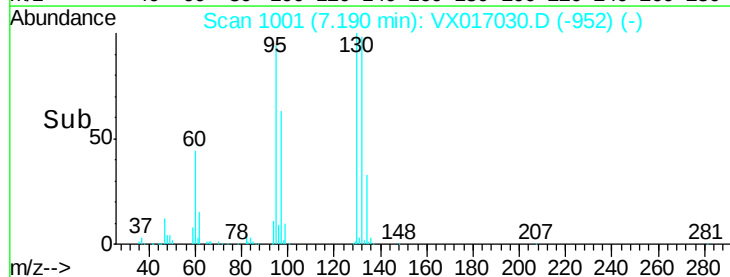
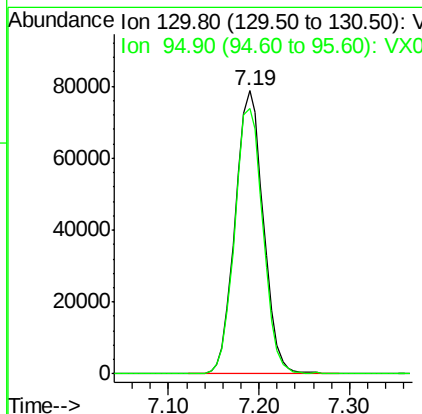
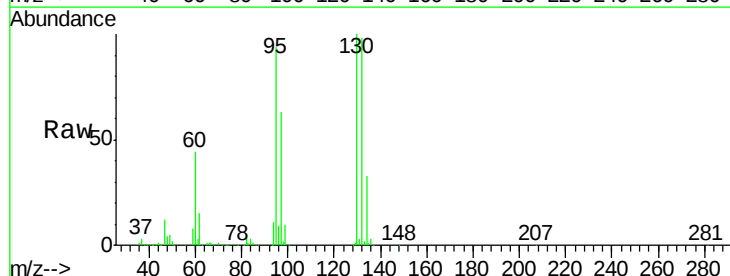
MMDadoda  
 6/30/2020 9:47:30 AM

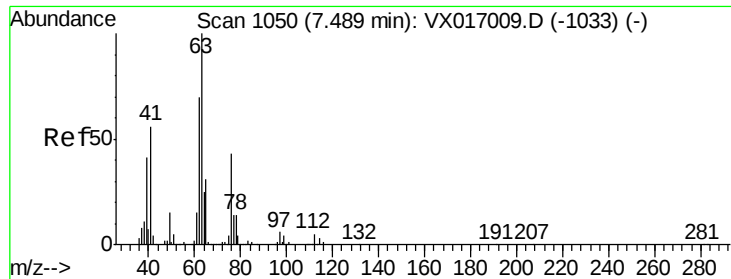


#44

Trichloroethene  
 Concen: 49.352 ug/l  
 RT: 7.19 min Scan# 1001  
 Delta R.T. 0.00 min  
 Lab File: VX017030.D  
 Acq: 30 Jun 2020 00:13

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 130     | 100   |       |       |
| 95      | 93.9  | 0.0   | 185.0 |





#45

1,2-Dichloropropane

Concen: 47.820 ug/l

RT: 7.49 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VX017030.D

Acq: 30 Jun 2020 00:13

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 63 Resp: 153023

Ion Ratio Lower Upper

63 100

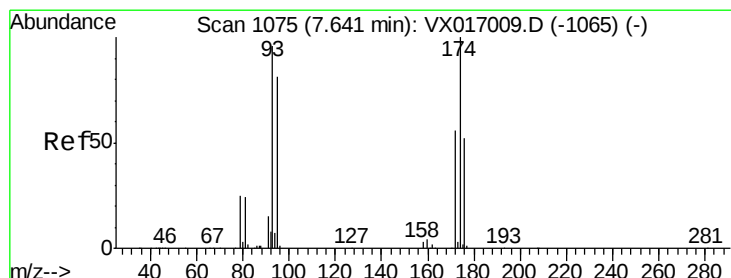
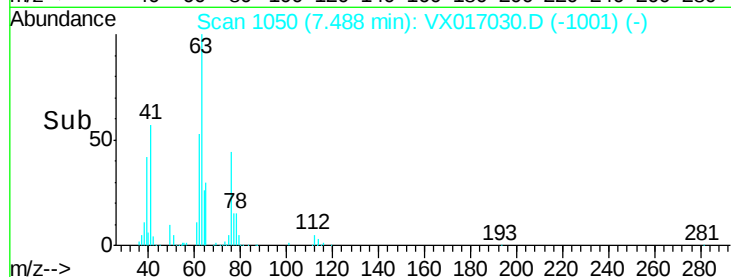
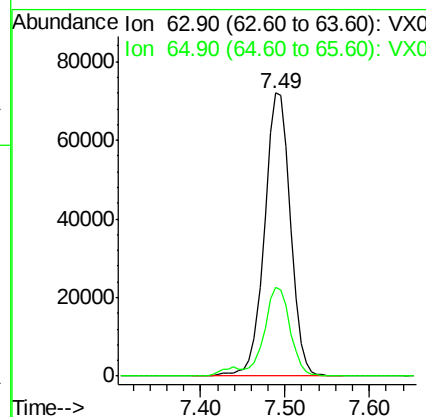
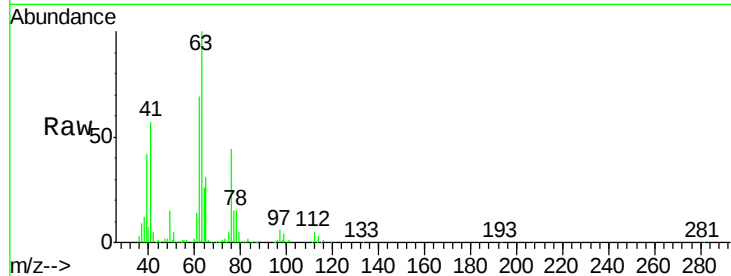
65 31.2 24.6 36.8

Manual Integrations

APPROVED

MMDadoda

6/30/2020 9:47:30 AM



#46

Dibromomethane

Concen: 48.804 ug/l

RT: 7.64 min Scan# 1075

Delta R.T. -0.00 min

Lab File: VX017030.D

Acq: 30 Jun 2020 00:13

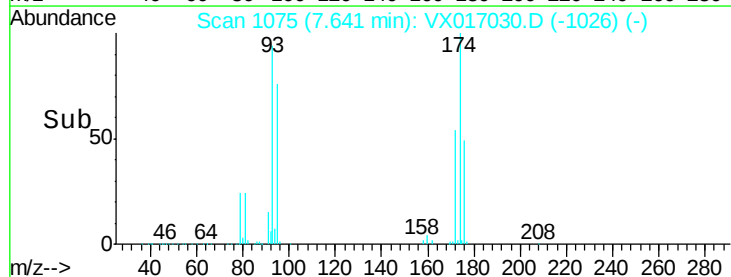
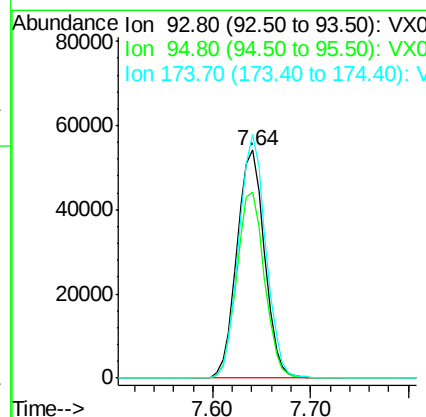
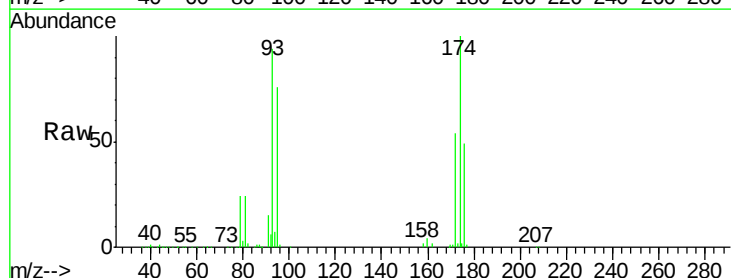
Tgt Ion: 93 Resp: 106622

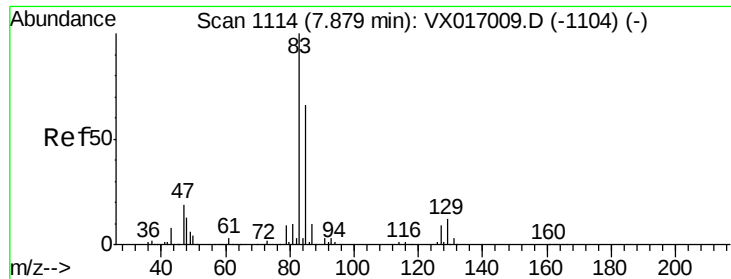
Ion Ratio Lower Upper

93 100

95 81.9 67.4 101.0

174 104.2 84.3 126.5





#47

Bromodichloromethane

Concen: 48.458 ug/l

RT: 7.88 min Scan# 1114

Delta R.T. -0.00 min

Lab File: VX017030.D

Acq: 30 Jun 2020 00:13

Instrument :

MSVOA\_X

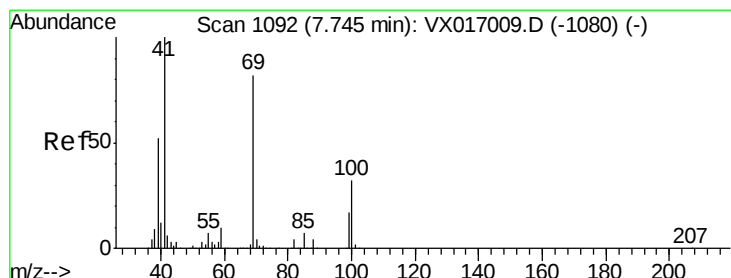
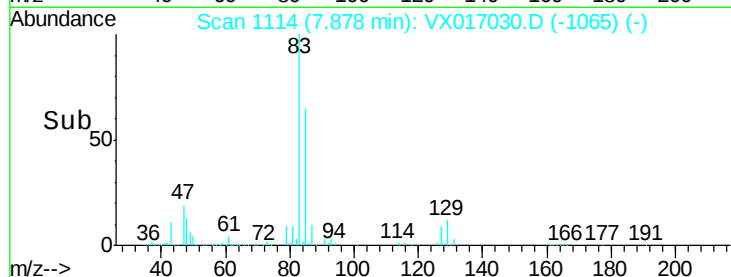
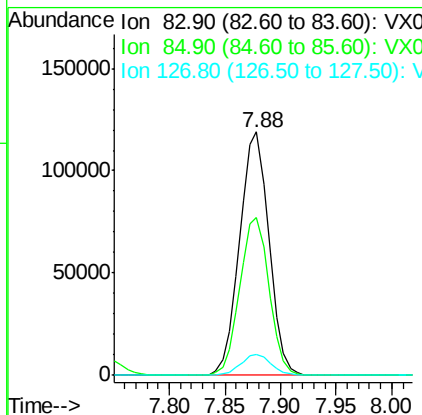
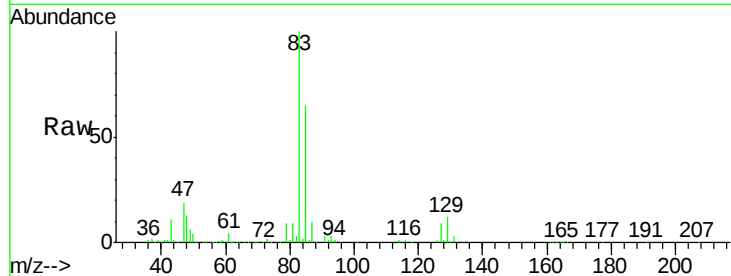
ClientSampleId :

VSTDCCC050EC

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 83    | Resp: | 218169 |
| Ion      | Ratio | Lower | Upper  |
| 83       | 100   |       |        |
| 85       | 64.7  | 53.0  | 79.4   |
| 127      | 8.6   | 7.5   | 11.3   |

Manual Integrations  
APPROVED

MMDadoda  
6/30/2020 9:47:30 AM



#48

Methyl methacrylate

Concen: 51.408 ug/l

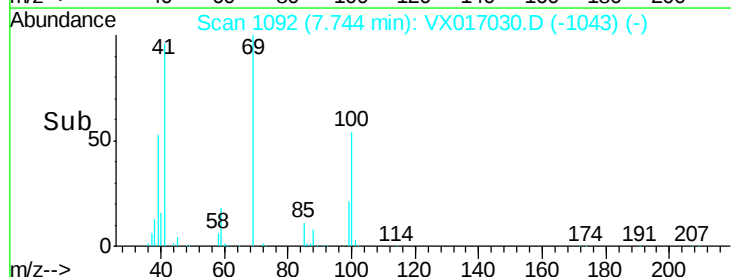
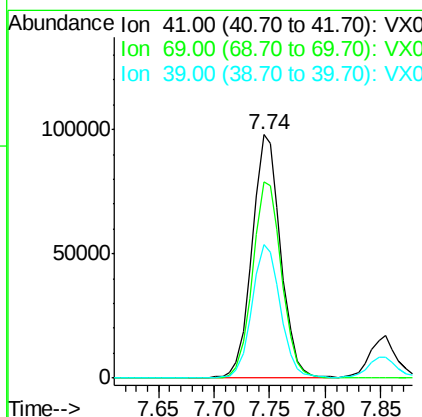
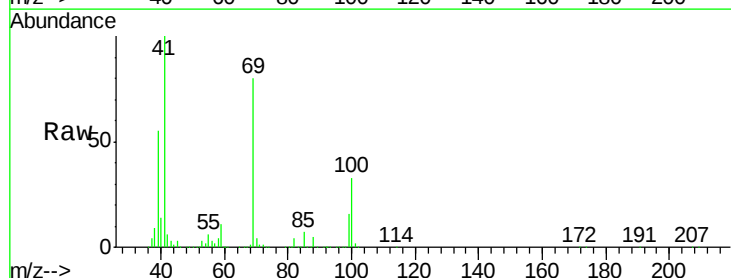
RT: 7.74 min Scan# 1092

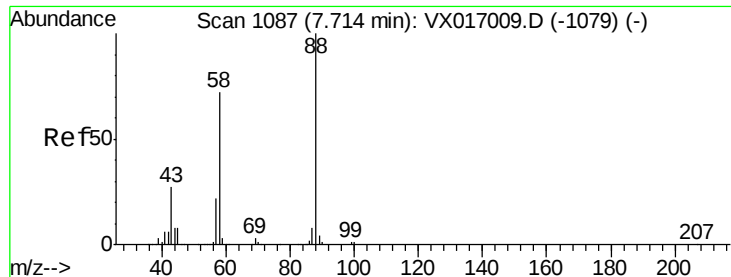
Delta R.T. -0.00 min

Lab File: VX017030.D

Acq: 30 Jun 2020 00:13

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 41    | Resp: | 174610 |
| Ion      | Ratio | Lower | Upper  |
| 41       | 100   |       |        |
| 69       | 82.1  | 65.8  | 98.8   |
| 39       | 54.1  | 42.5  | 63.7   |





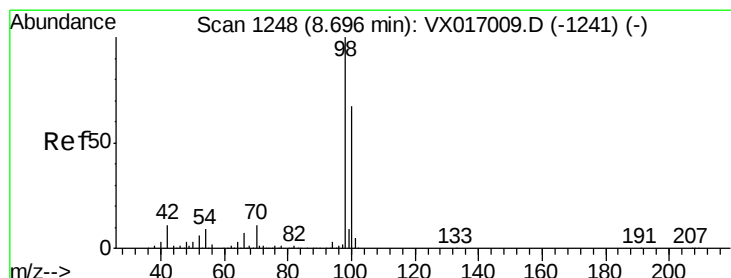
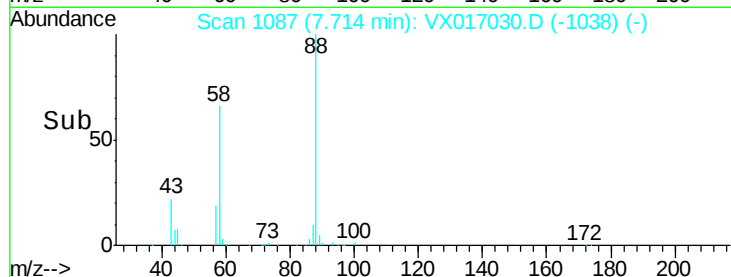
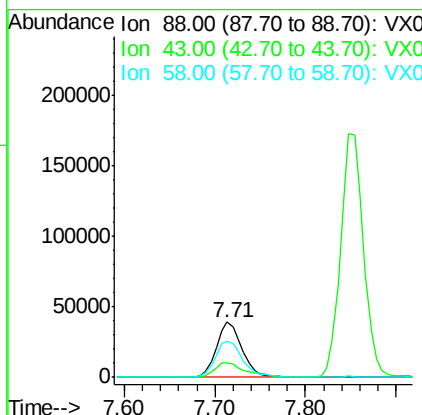
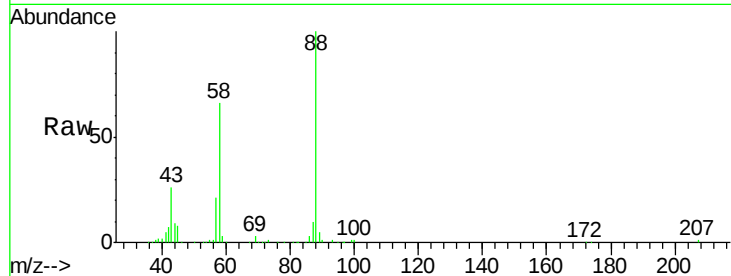
#49  
 1,4-Dioxane  
 Concen: 1008.283 ug/l  
 RT: 7.71 min Scan# 1087  
 Delta R.T. -0.00 min  
 Lab File: VX017030.D  
 Acq: 30 Jun 2020 00:13

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050EC

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 88      | 100   |       |       |
| 43      | 33.0  | 25.8  | 38.8  |
| 58      | 70.2  | 54.8  | 82.2  |

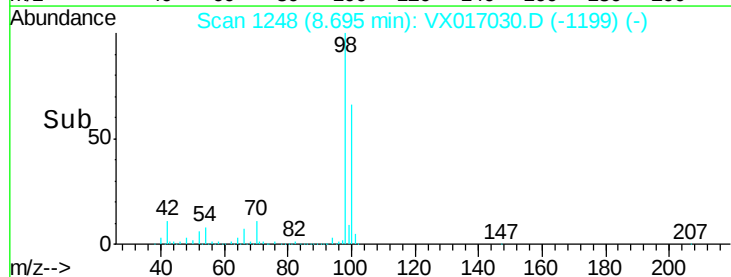
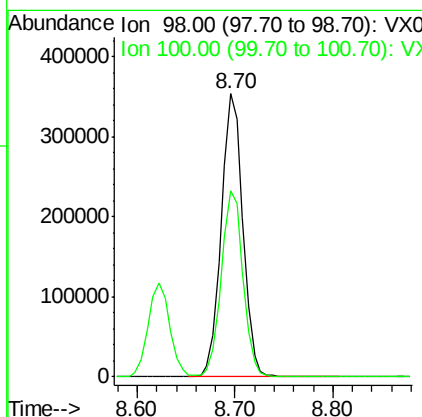
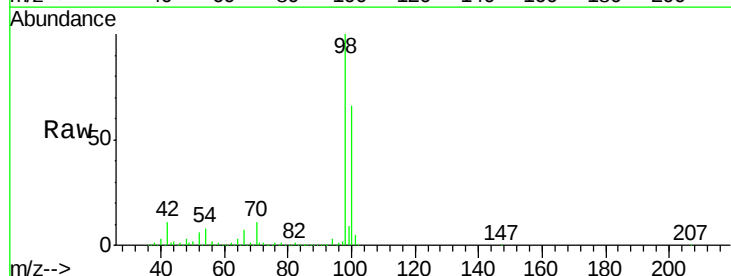
Manual Integrations  
 APPROVED

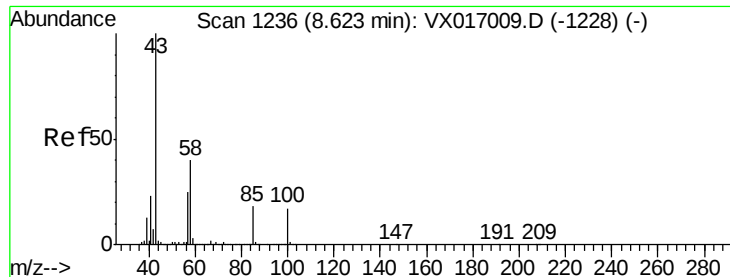
MMDadoda  
 6/30/2020 9:47:30 AM



#50  
 Toluene-d8  
 Concen: 51.535 ug/l  
 RT: 8.70 min Scan# 1248  
 Delta R.T. -0.00 min  
 Lab File: VX017030.D  
 Acq: 30 Jun 2020 00:13

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 98      | 100   |       |       |
| 100     | 66.4  | 53.8  | 80.6  |





#51

4-Methyl-2-Pentanone

Concen: 257.700 ug/l

RT: 8.62 min Scan# 1236

Delta R.T. -0.00 min

Lab File: VX017030.D

Acq: 30 Jun 2020 00:13

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 1098219

Ion Ratio Lower Upper

43 100

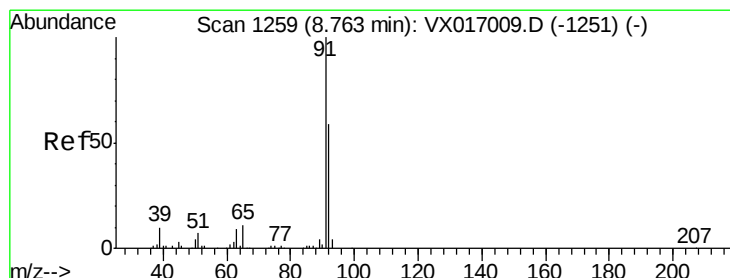
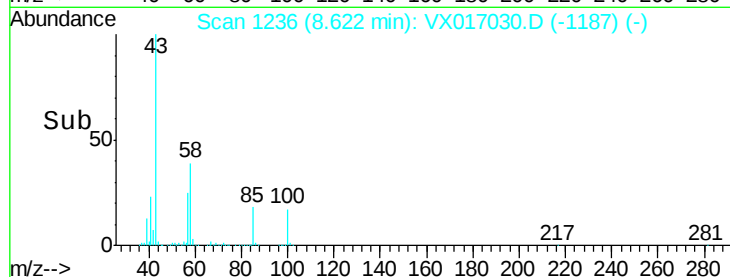
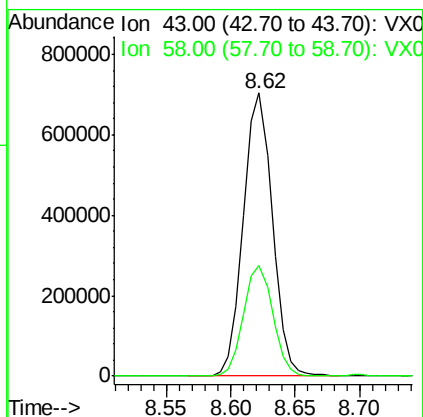
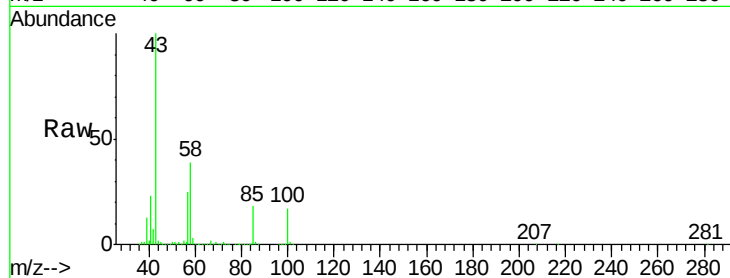
58 39.3 31.9 47.9

Manual Integrations

APPROVED

MMDadoda

6/30/2020 9:47:30 AM



#52

Toluene

Concen: 49.118 ug/l

RT: 8.76 min Scan# 1259

Delta R.T. -0.00 min

Lab File: VX017030.D

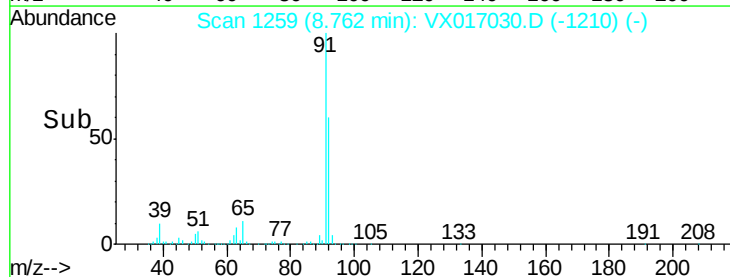
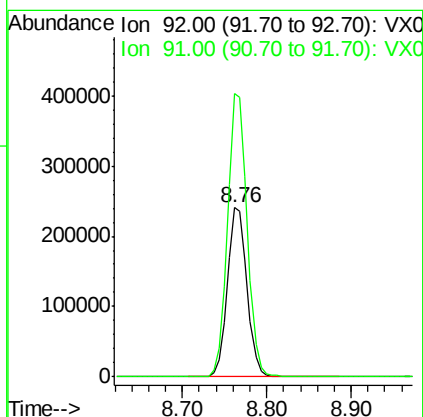
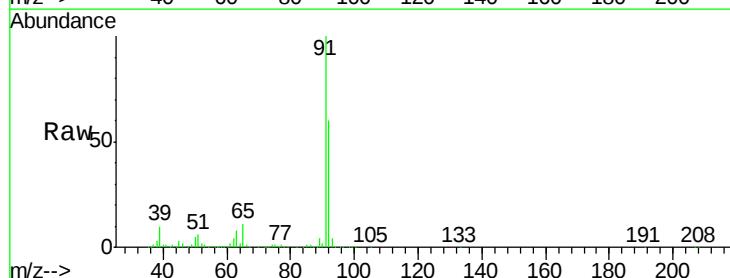
Acq: 30 Jun 2020 00:13

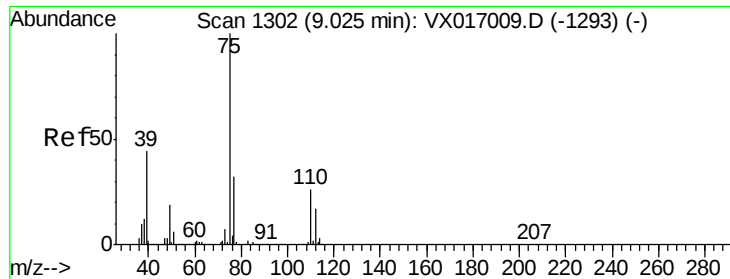
Tgt Ion: 92 Resp: 382069

Ion Ratio Lower Upper

92 100

91 167.6 136.9 205.3





#53

t-1,3-Dichloropropene

Concen: 47.444 ug/l

RT: 9.02 min Scan# 1302

Delta R.T. -0.00 min

Lab File: VX017030.D

Acq: 30 Jun 2020 00:13

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 75 Resp: 235676

Ion Ratio Lower Upper

75 100

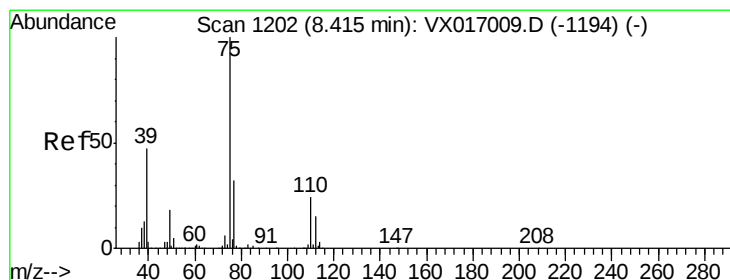
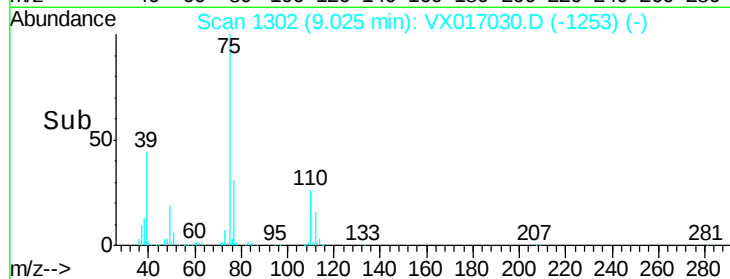
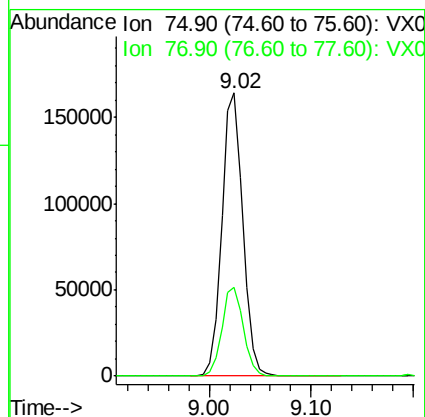
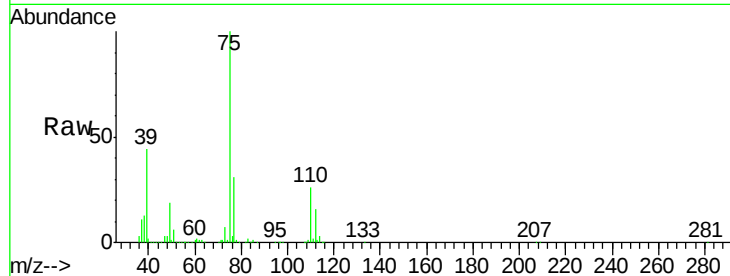
77 31.4 25.6 38.4

Manual Integrations

APPROVED

MMDadoda

6/30/2020 9:47:30 AM



#54

cis-1,3-Dichloropropene

Concen: 47.358 ug/l

RT: 8.41 min Scan# 1202

Delta R.T. -0.00 min

Lab File: VX017030.D

Acq: 30 Jun 2020 00:13

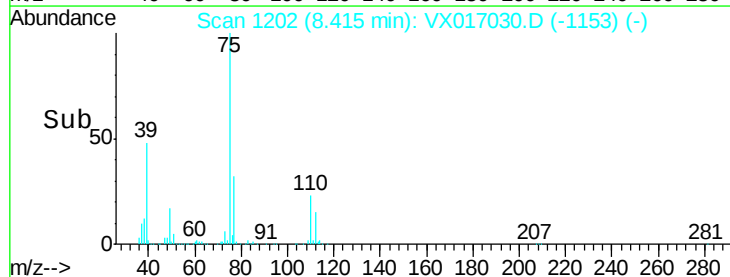
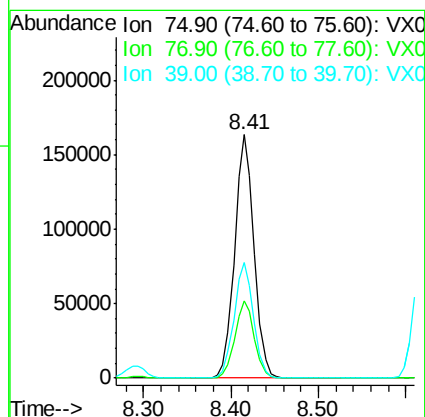
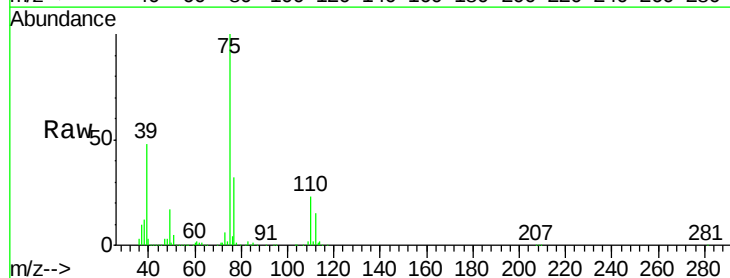
Tgt Ion: 75 Resp: 252186

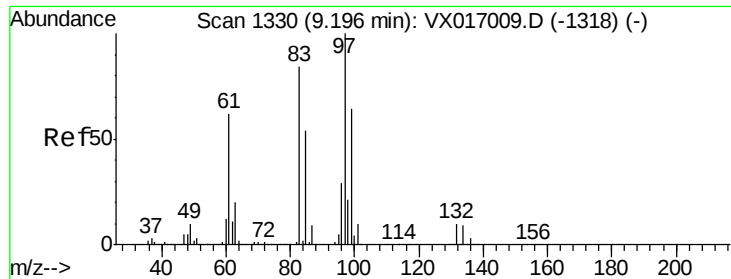
Ion Ratio Lower Upper

75 100

77 31.6 25.2 37.8

39 47.5 37.4 56.2





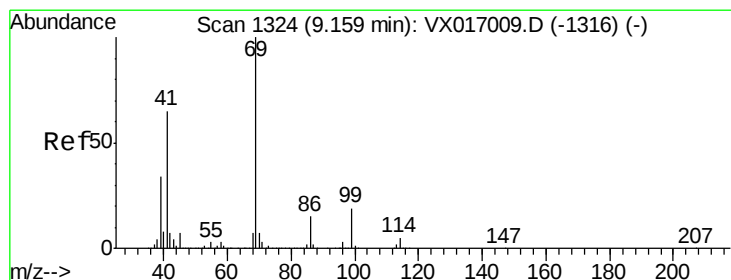
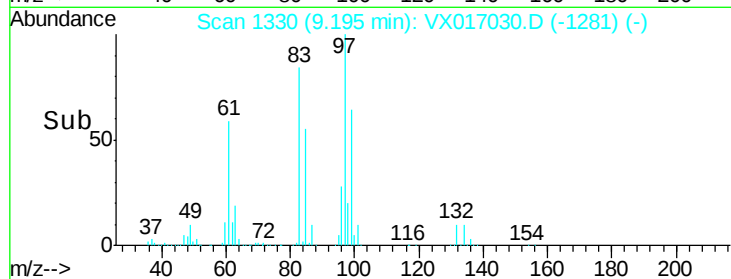
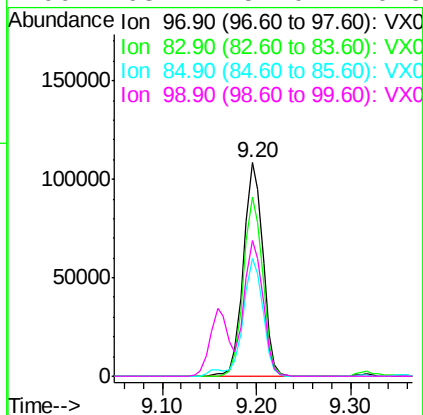
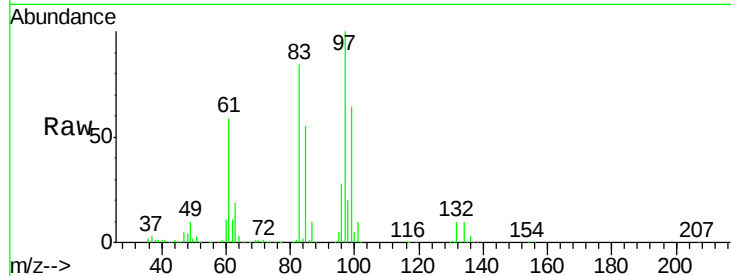
#55  
 1,1,2-Trichloroethane  
 Concen: 49.529 ug/l  
 RT: 9.20 min Scan# 1330  
 Delta R.T. -0.00 min  
 Lab File: VX017030.D  
 Acq: 30 Jun 2020 00:13

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050EC

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 97    | Resp: | 157408 |
| Ion      | Ratio | Lower | Upper  |
| 97       | 100   |       |        |
| 83       | 84.2  | 67.0  | 100.6  |
| 85       | 55.2  | 43.5  | 65.3   |
| 99       | 63.7  | 51.0  | 76.6   |

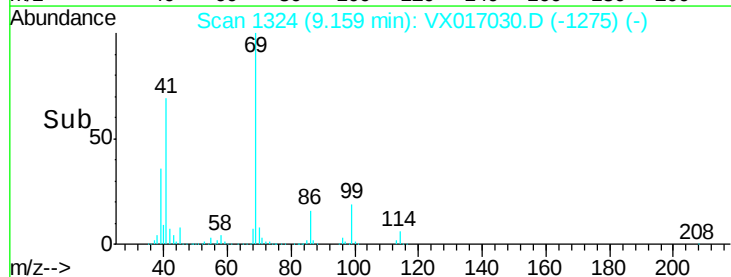
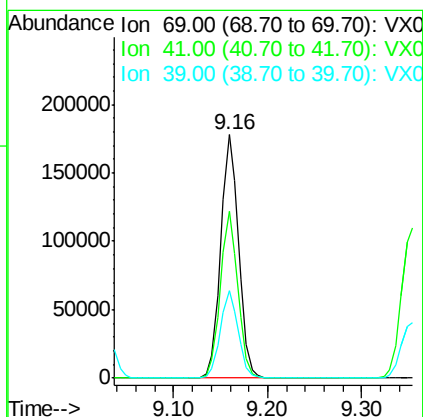
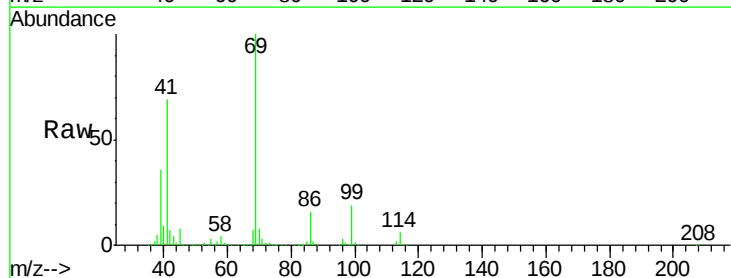
Manual Integrations  
 APPROVED

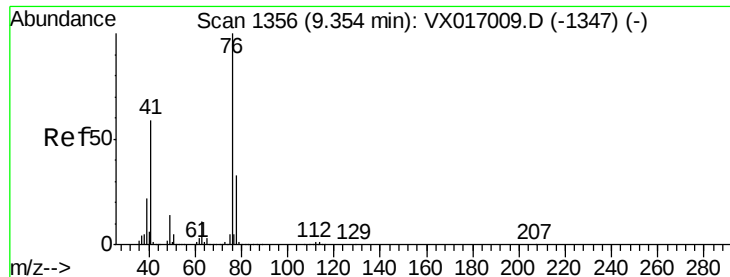
MMDadoda  
 6/30/2020 9:47:30 AM



#56  
 Ethyl methacrylate  
 Concen: 51.801 ug/l  
 RT: 9.16 min Scan# 1324  
 Delta R.T. -0.00 min  
 Lab File: VX017030.D  
 Acq: 30 Jun 2020 00:13

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 69    | Resp: | 234321 |
| Ion      | Ratio | Lower | Upper  |
| 69       | 100   |       |        |
| 41       | 67.4  | 53.6  | 80.4   |
| 39       | 35.5  | 28.2  | 42.2   |





#57

1,3-Dichloropropane

Concen: 48.406 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. -0.00 min

Lab File: VX017030.D

Acq: 30 Jun 2020 00:13

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 76 Resp: 260310

Ion Ratio Lower Upper

76 100

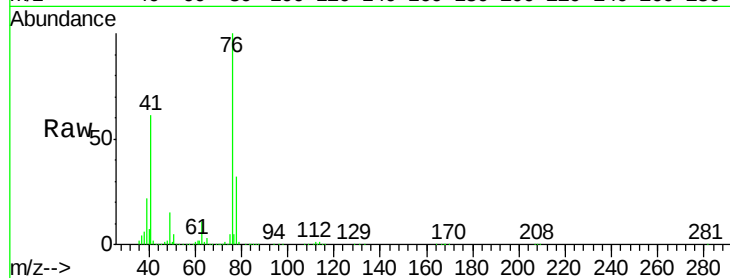
78 32.4 25.9 38.9

Manual Integrations

APPROVED

MMDadoda

6/30/2020 9:47:30 AM



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

9.35

200000

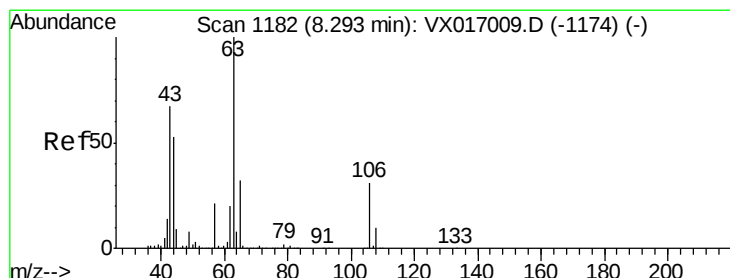
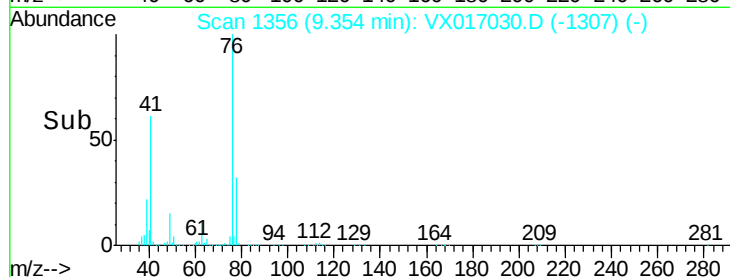
150000

100000

50000

0

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 279.637 ug/l

RT: 8.29 min Scan# 1182

Delta R.T. -0.00 min

Lab File: VX017030.D

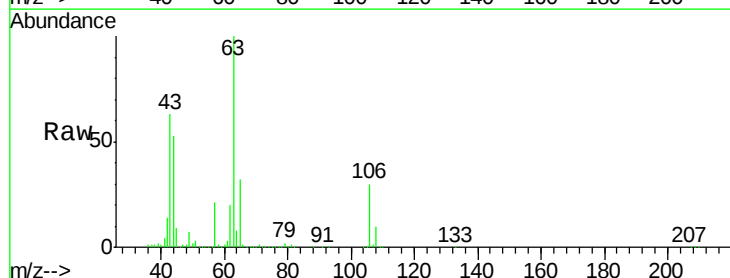
Acq: 30 Jun 2020 00:13

Tgt Ion: 63 Resp: 629548

Ion Ratio Lower Upper

63 100

106 29.9 24.0 36.0



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

8.29

400000

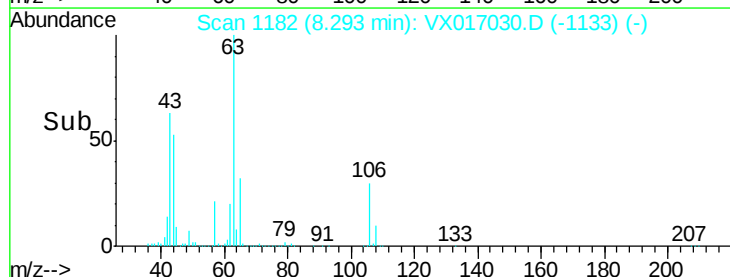
300000

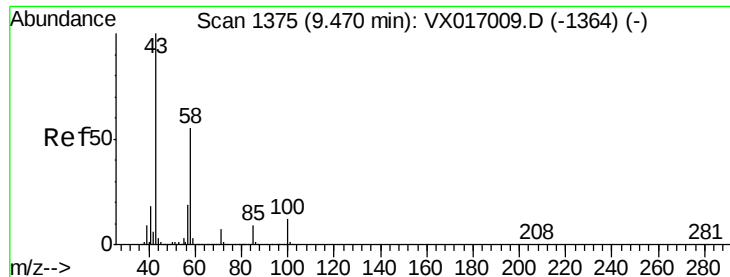
200000

100000

0

Time-->





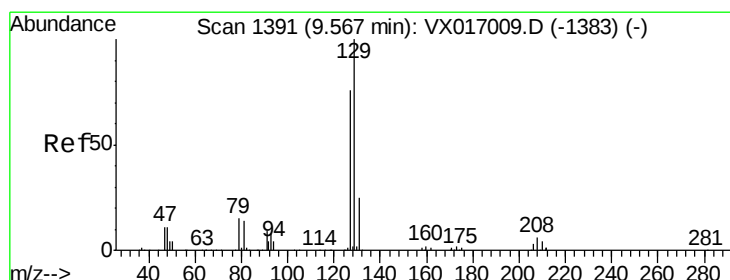
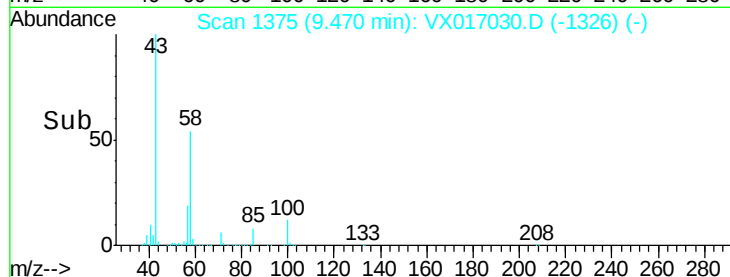
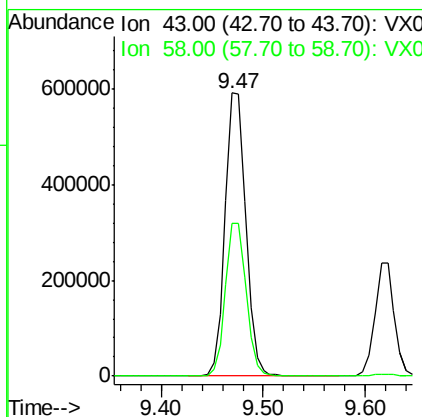
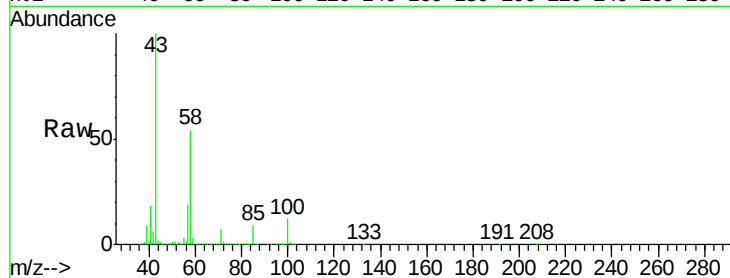
#59  
2-Hexanone  
Concen: 268.468 ug/l  
RT: 9.47 min Scan# 1375  
Delta R.T. -0.00 min  
Lab File: VX017030.D  
Acq: 30 Jun 2020 00:13

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 58      | 54.2  | 27.9  | 83.6  |

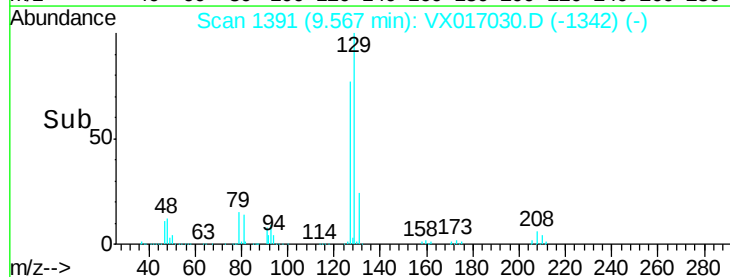
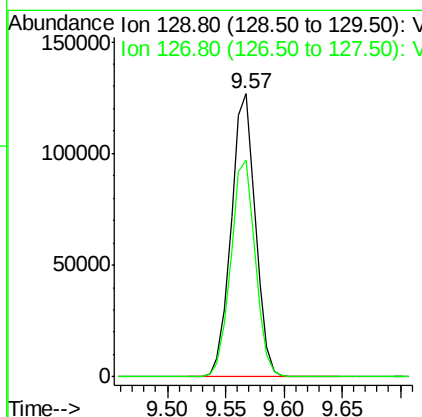
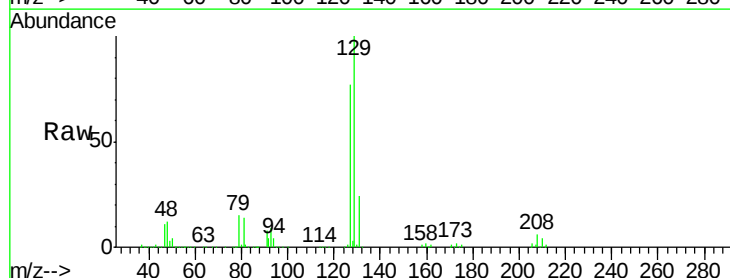
Manual Integrations  
APPROVED

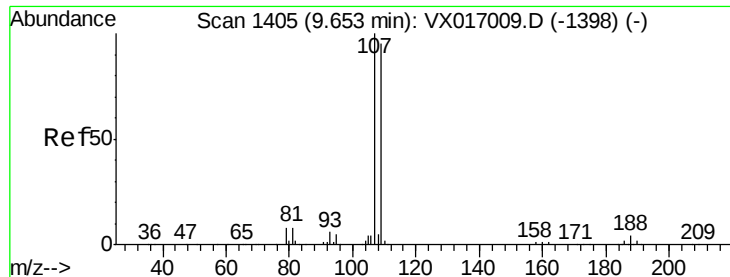
MMDadoda  
6/30/2020 9:47:30 AM



#60  
Dibromochloromethane  
Concen: 49.900 ug/l  
RT: 9.57 min Scan# 1391  
Delta R.T. -0.00 min  
Lab File: VX017030.D  
Acq: 30 Jun 2020 00:13

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 129     | 100   |       |       |
| 127     | 77.2  | 38.9  | 116.7 |





#61

1,2-Dibromoethane

Concen: 48.950 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. -0.00 min

Lab File: VX017030.D

Acq: 30 Jun 2020 00:13

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:107 Resp: 167220

Ion Ratio Lower Upper

107 100

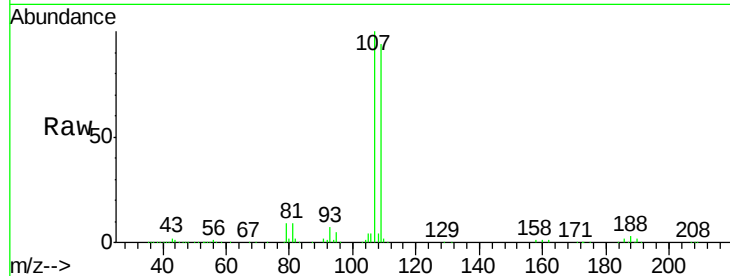
109 94.7 75.8 113.8

Manual Integrations

APPROVED

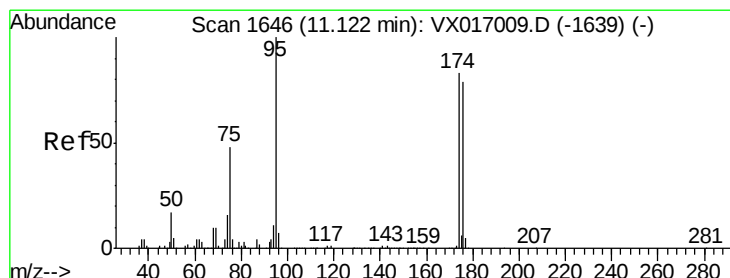
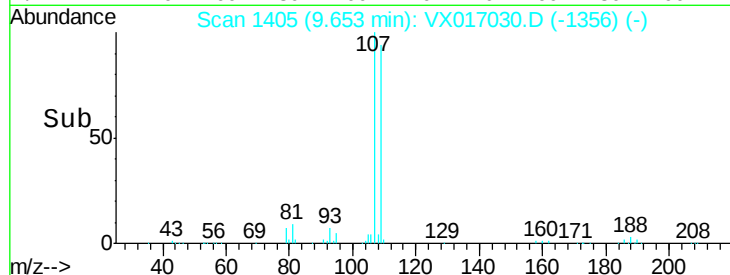
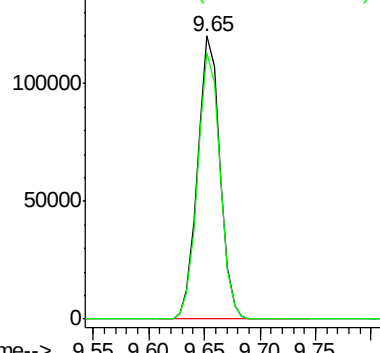
MMDadoda

6/30/2020 9:47:30 AM



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 52.500 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX017030.D

Acq: 30 Jun 2020 00:13

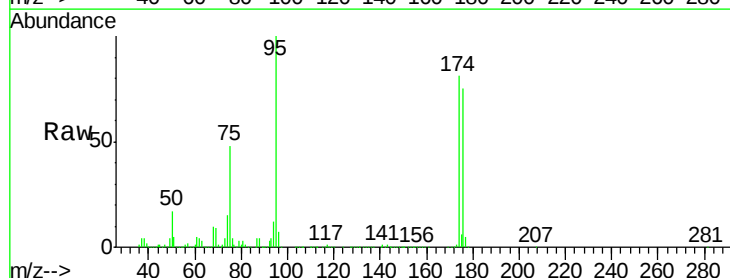
Tgt Ion: 95 Resp: 215378

Ion Ratio Lower Upper

95 100

174 80.2 0.0 164.0

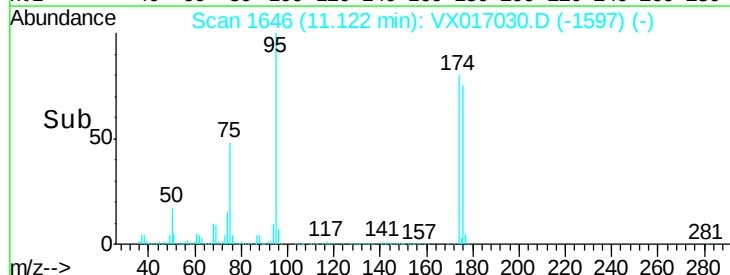
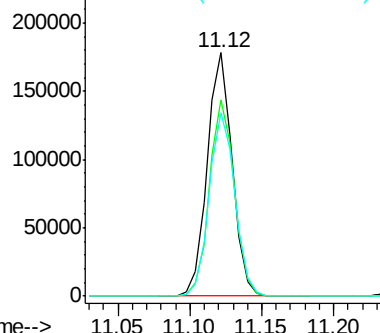
176 77.3 0.0 157.6

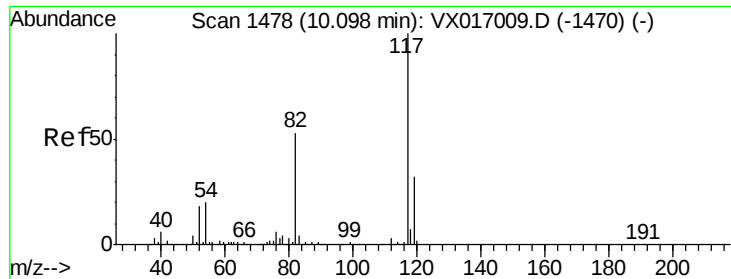


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





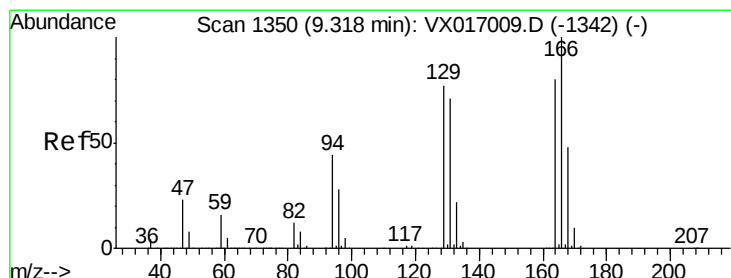
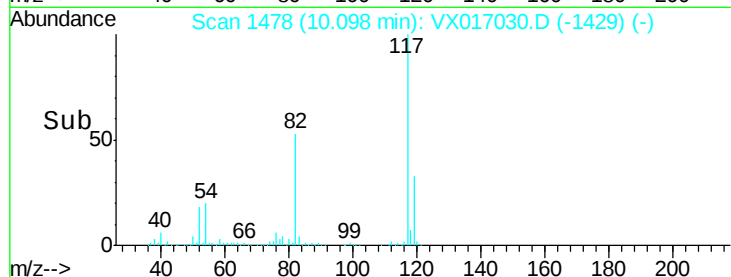
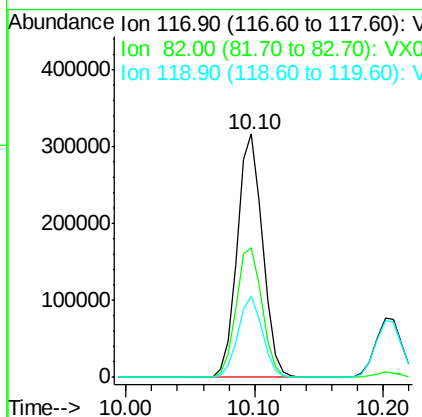
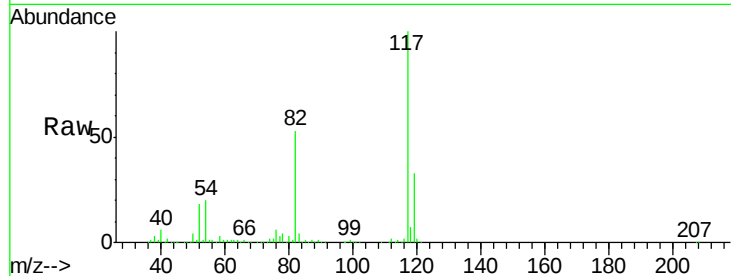
#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.10 min Scan# 1478  
Delta R.T. -0.00 min  
Lab File: VX017030.D  
Acq: 30 Jun 2020 00:13

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 117     | 100   | 431556 |       |       |
| 82      | 53.4  |        | 42.6  | 63.8  |
| 119     | 33.0  |        | 25.4  | 38.2  |

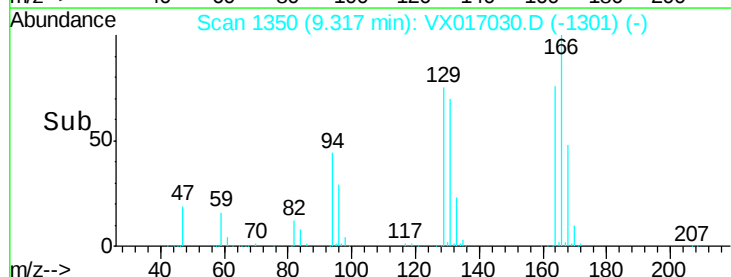
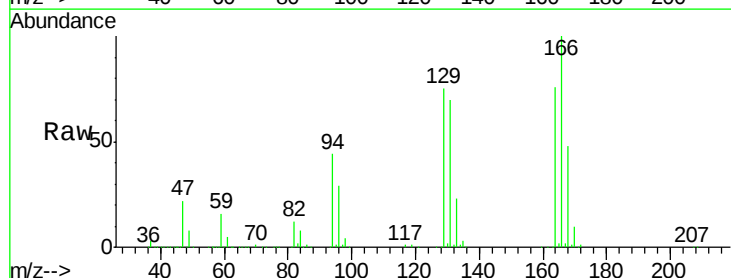
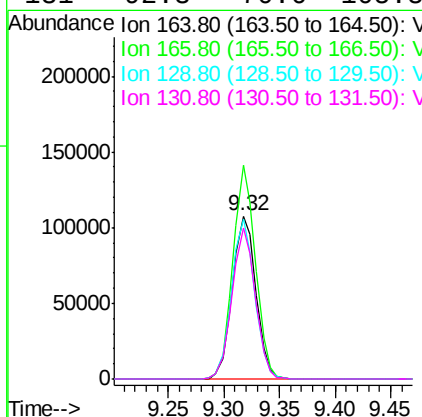
Manual Integrations  
APPROVED

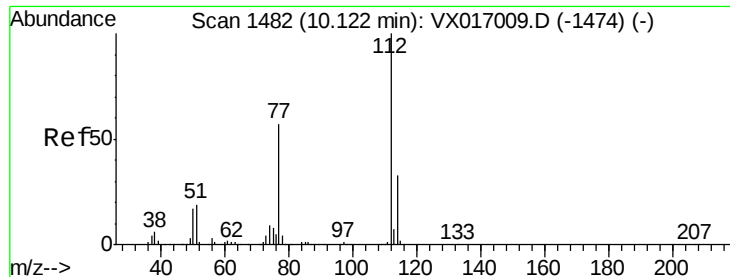
MMDadoda  
6/30/2020 9:47:30 AM



#64  
Tetrachloroethene  
Concen: 45.287 ug/l  
RT: 9.32 min Scan# 1350  
Delta R.T. -0.00 min  
Lab File: VX017030.D  
Acq: 30 Jun 2020 00:13

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 164     | 100   | 157733 |       |       |
| 166     | 131.0 |        | 99.4  | 149.0 |
| 129     | 97.8  |        | 76.3  | 114.5 |
| 131     | 92.3  |        | 70.6  | 105.8 |





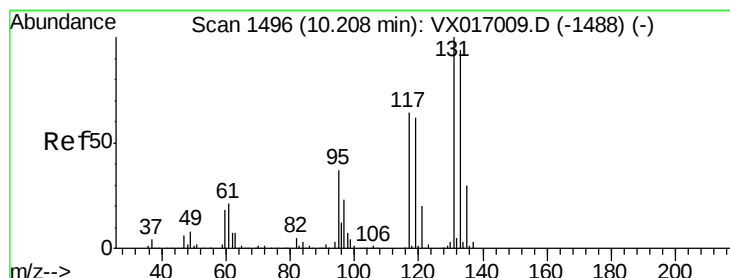
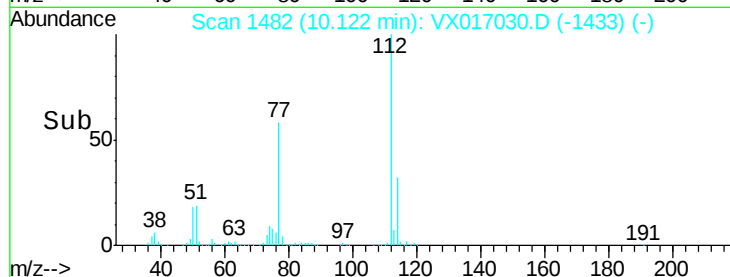
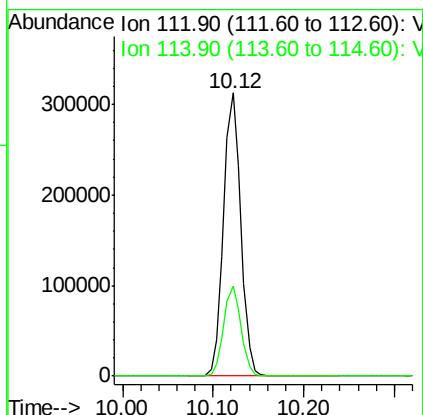
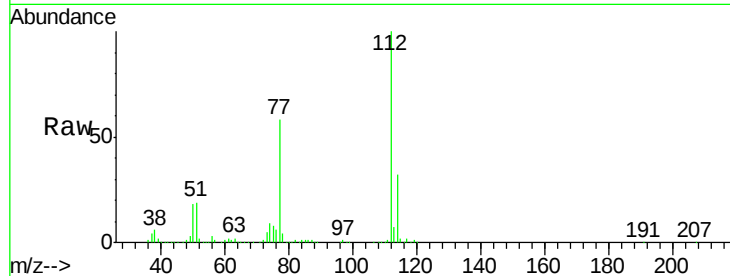
#65  
Chlorobenzene  
Concen: 46.643 ug/l  
RT: 10.12 min Scan# 1482  
Delta R.T. -0.00 min  
Lab File: VX017030.D  
Acq: 30 Jun 2020 00:13

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

Tot Ion:112 Resp: 415447  
Ion Ratio Lower Upper  
112 100  
114 31.9 26.2 39.4

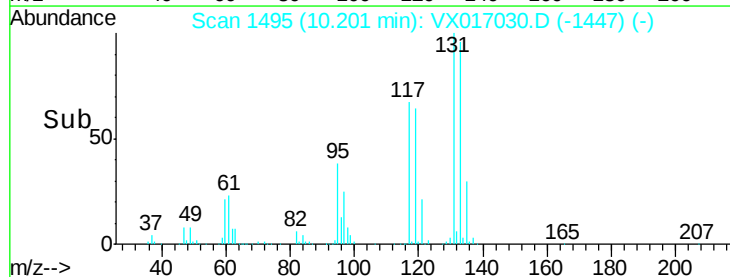
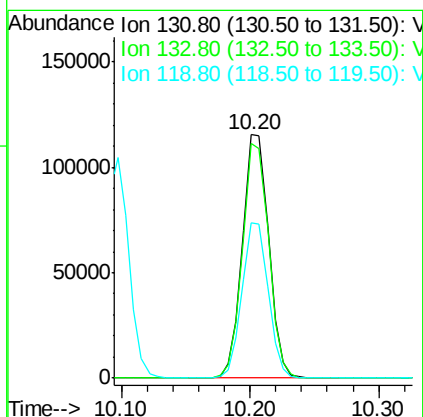
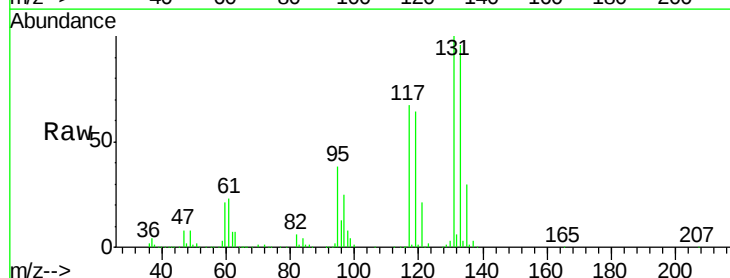
Manual Integrations  
APPROVED

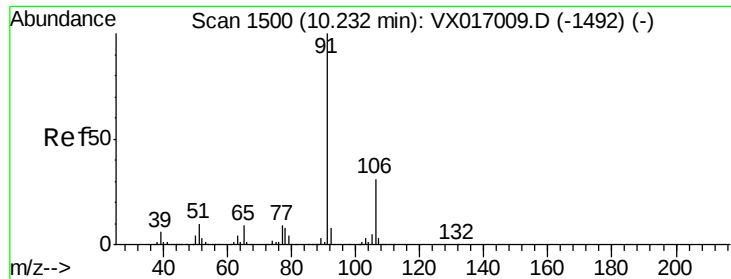
MMDadoda  
6/30/2020 9:47:30 AM



#66  
1,1,1,2-Tetrachloroethane  
Concen: 47.417 ug/l  
RT: 10.20 min Scan# 1495  
Delta R.T. -0.01 min  
Lab File: VX017030.D  
Acq: 30 Jun 2020 00:13

Tgt Ion:131 Resp: 162765  
Ion Ratio Lower Upper  
131 100  
133 96.3 47.3 141.9  
119 63.7 31.9 95.5





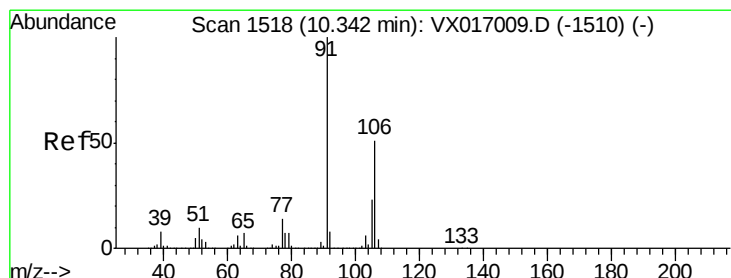
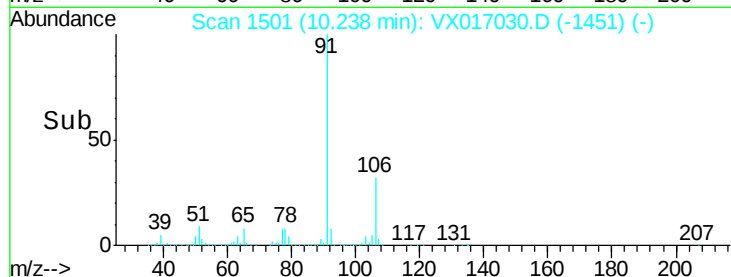
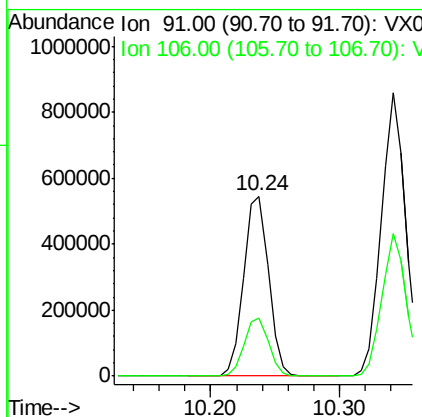
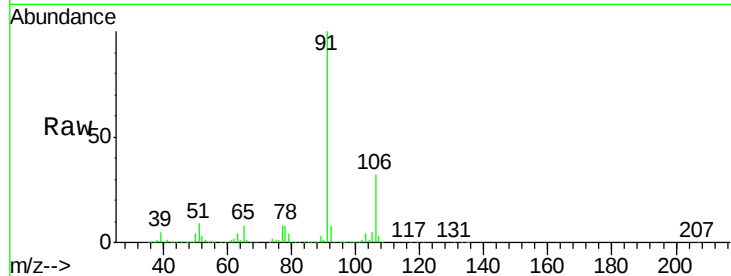
#67  
Ethyl Benzene  
Concen: 48.902 ug/l  
RT: 10.24 min Scan# 1501  
Delta R.T. 0.01 min  
Lab File: VX017030.D  
Acq: 30 Jun 2020 00:13

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

Tot Ion: 91 Resp: 727406  
Ion Ratio Lower Upper  
91 100  
106 32.2 24.7 37.1

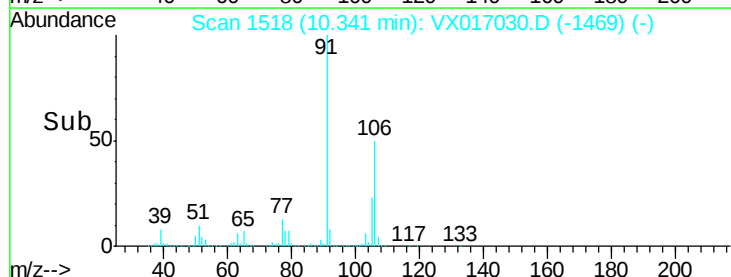
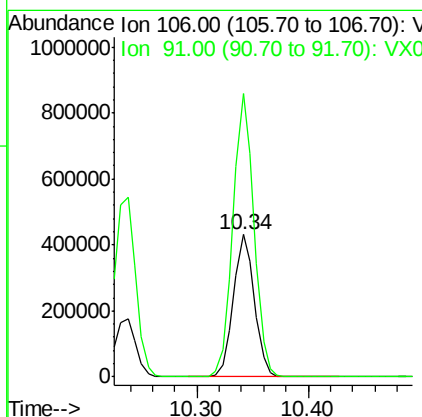
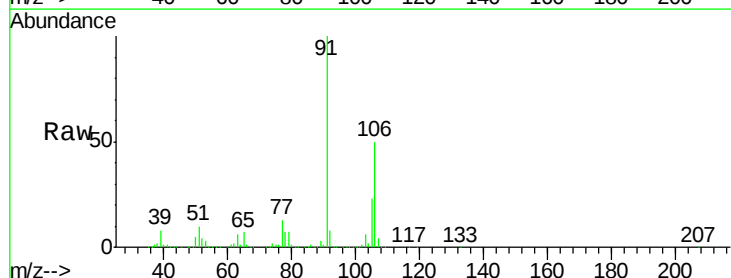
Manual Integrations  
APPROVED

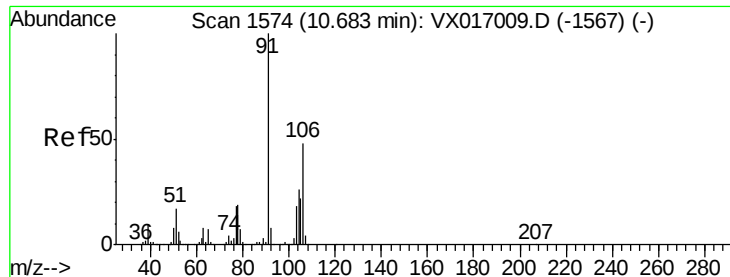
MMDadoda  
6/30/2020 9:47:30 AM



#68  
m/p-Xylenes  
Concen: 98.382 ug/l  
RT: 10.34 min Scan# 1518  
Delta R.T. -0.00 min  
Lab File: VX017030.D  
Acq: 30 Jun 2020 00:13

Tgt Ion: 106 Resp: 561905  
Ion Ratio Lower Upper  
106 100  
91 198.9 158.6 238.0





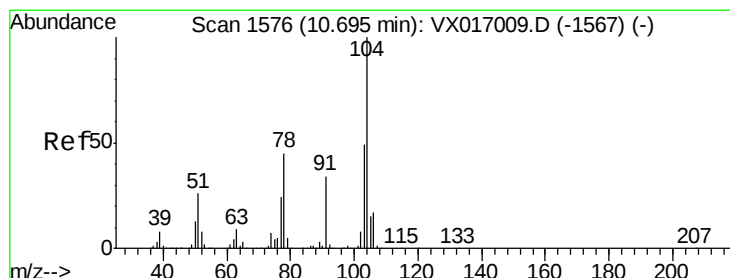
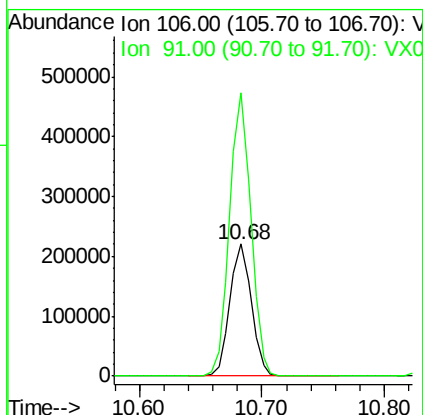
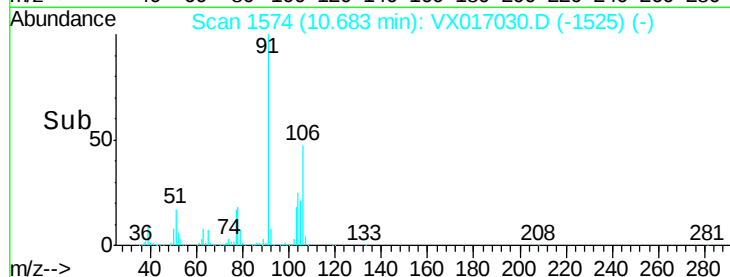
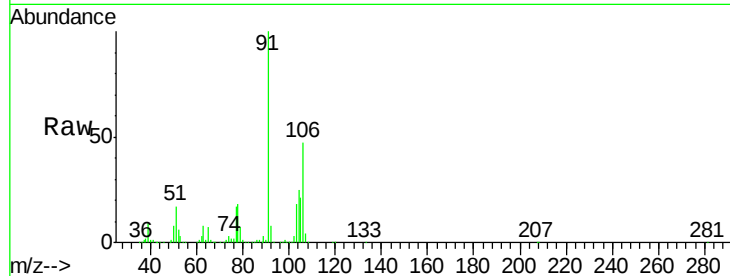
#69  
o-Xylene  
Concen: 49.197 ug/l  
RT: 10.68 min Scan# 1574  
Delta R.T. -0.00 min  
Lab File: VX017030.D  
Acq: 30 Jun 2020 00:13

Instrument :  
MSVOA\_X  
ClientSampleID :  
VSTDCCC050EC

| Tot Ion | Ion   | Ratio | Lower | Upper |
|---------|-------|-------|-------|-------|
| 106     | 100   |       |       |       |
| 91      | 213.0 | 105.6 | 316.7 |       |

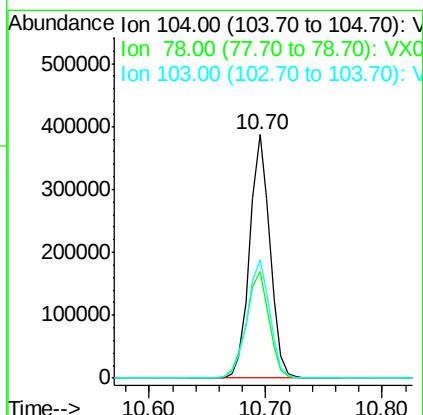
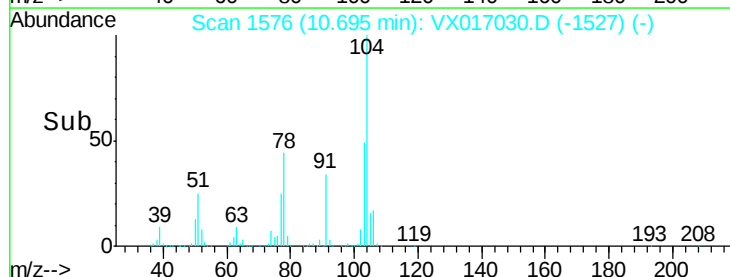
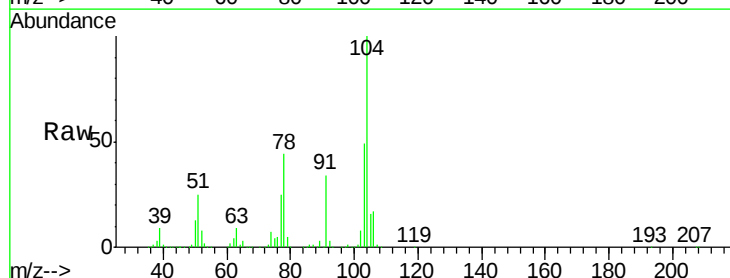
Manual Integrations  
APPROVED

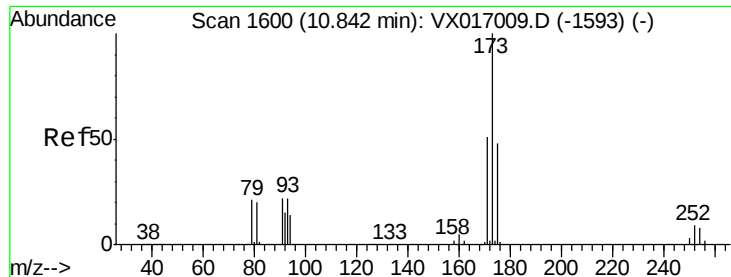
MMDadoda  
6/30/2020 9:47:30 AM



#70  
Styrene  
Concen: 51.215 ug/l  
RT: 10.70 min Scan# 1576  
Delta R.T. -0.00 min  
Lab File: VX017030.D  
Acq: 30 Jun 2020 00:13

| Tgt Ion | Ion  | Ratio | Lower | Upper |
|---------|------|-------|-------|-------|
| 104     | 100  |       |       |       |
| 78      | 49.2 | 39.5  | 59.3  |       |
| 103     | 54.0 | 43.0  | 64.6  |       |





#71

Bromoform

Concen: 50.981 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VX017030.D

Acq: 30 Jun 2020 00:13

Instrument :

MSVOA\_X

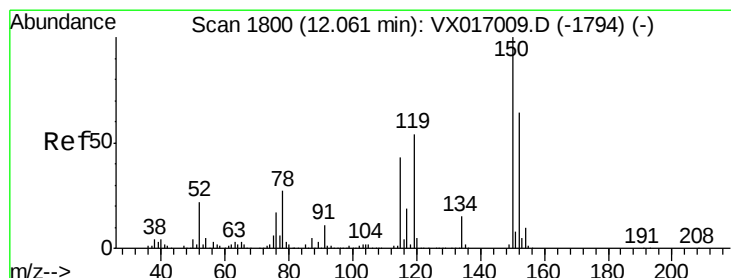
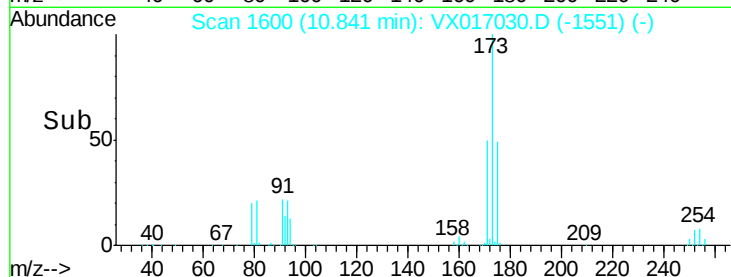
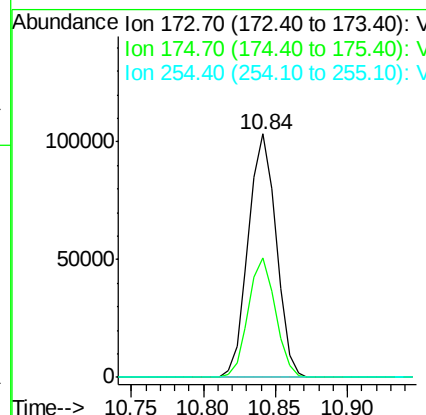
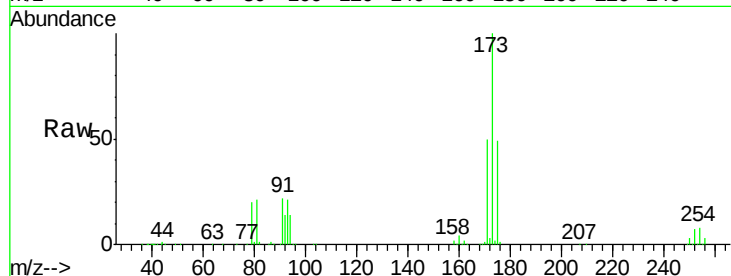
ClientSampleId :

VSTDCCC050EC

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 173     | 100   |       |       |
| 175     | 47.8  | 24.5  | 73.5  |
| 254     | 0.2   | 0.1   | 0.1#  |

Manual Integrations  
APPROVED

MMDadoda  
6/30/2020 9:47:30 AM



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

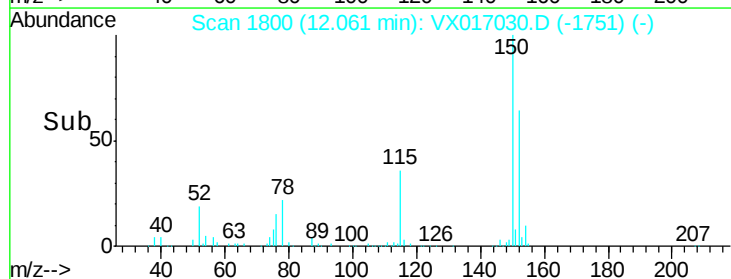
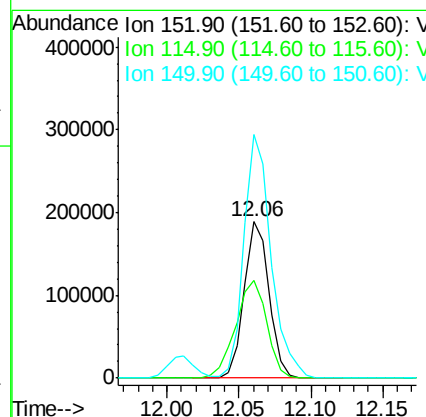
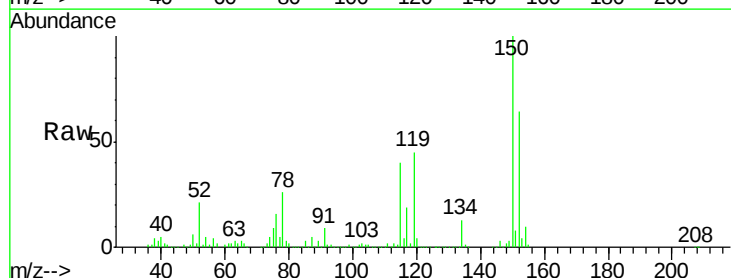
RT: 12.06 min Scan# 1800

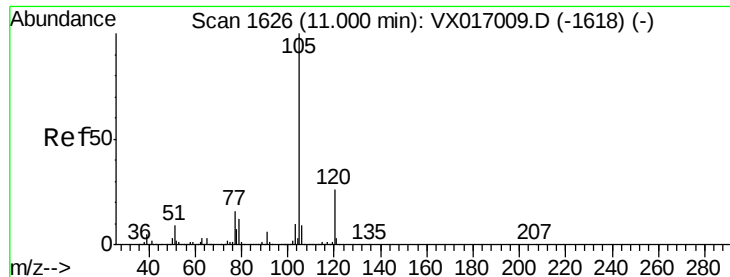
Delta R.T. -0.00 min

Lab File: VX017030.D

Acq: 30 Jun 2020 00:13

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 115     | 78.5  | 40.9  | 122.7 |
| 150     | 170.7 | 0.0   | 351.6 |





#73

Isopropylbenzene

Concen: 48.968 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.00 min

Lab File: VX017030.D

Acq: 30 Jun 2020 00:13

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 105 Resp: 725126

Ion Ratio Lower Upper

105 100

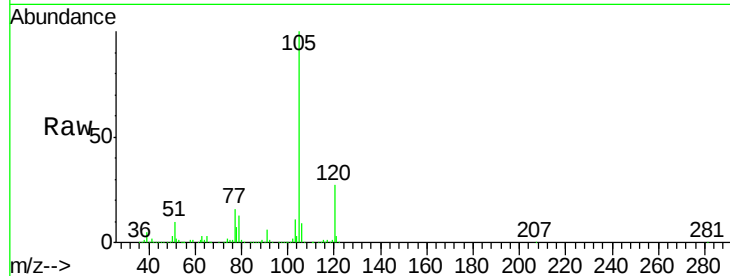
120 26.6 13.4 40.2

Manual Integrations

APPROVED

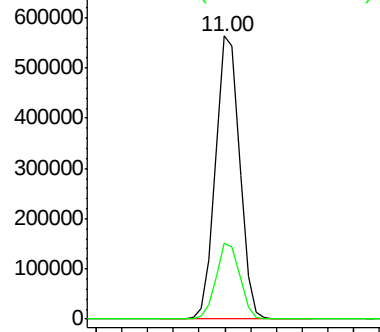
MMDadoda

6/30/2020 9:47:30 AM

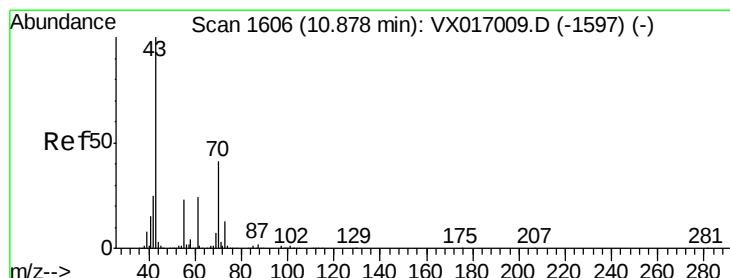
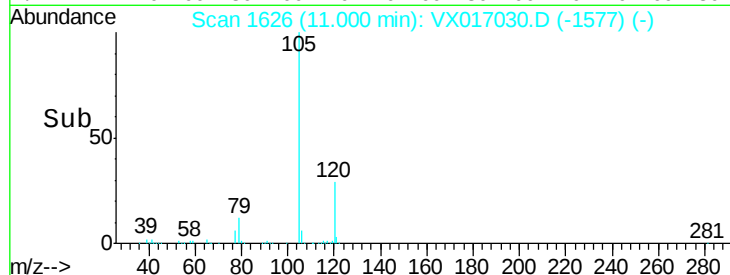


Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



Time--> 10.90 11.00 11.10



#74

N-ethyl acetate

Concen: 50.829 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. -0.00 min

Lab File: VX017030.D

Acq: 30 Jun 2020 00:13

Tgt Ion: 43 Resp: 321163

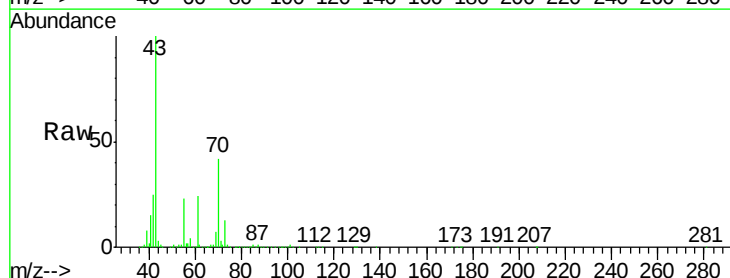
Ion Ratio Lower Upper

43 100

70 43.3 34.2 51.2

55 24.4 19.2 28.8

61 24.5 19.6 29.4

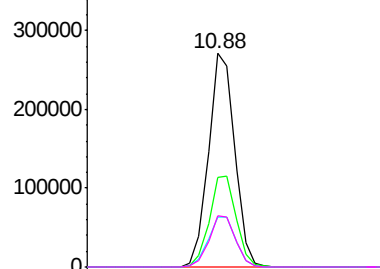


Abundance Ion 43.00 (42.70 to 43.70): VX0

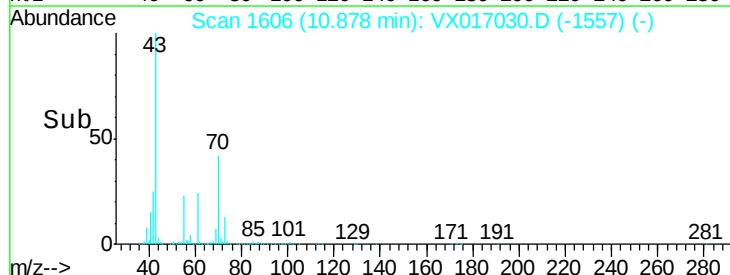
Ion 70.00 (69.70 to 70.70): VX0

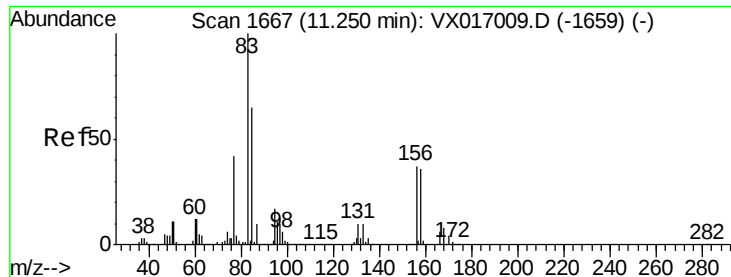
Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0



Time--> 10.80 10.85 10.90 10.95





#75

1,1,2,2-Tetrachloroethane

Concen: 47.362 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. -0.00 min

Lab File: VX017030.D

Acq: 30 Jun 2020 00:13

Instrument :

MSVOA\_X

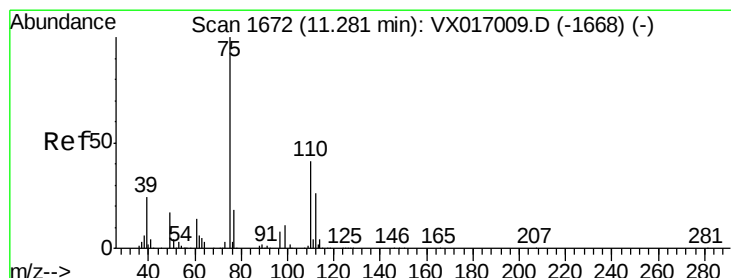
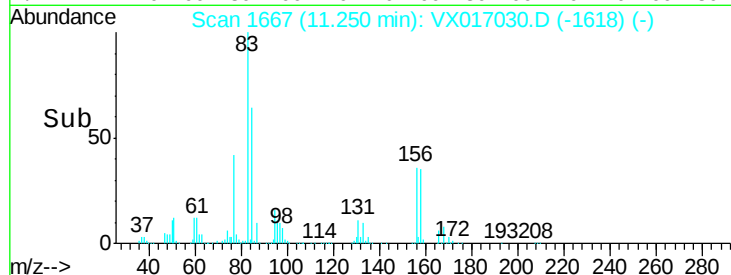
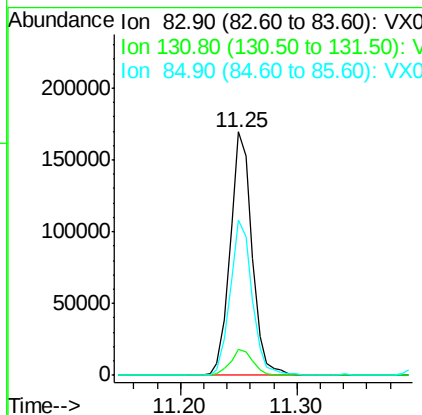
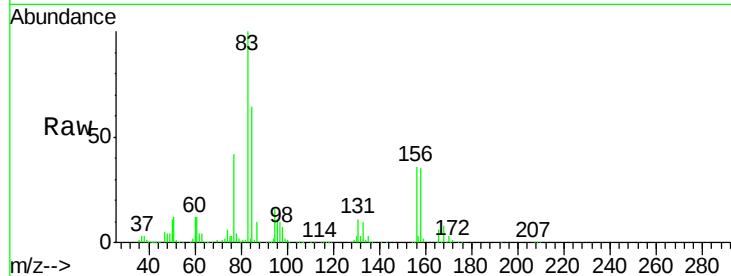
ClientSampleId :

VSTDCCC050EC

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 83    | Resp: | 220611 |
| Ion Ratio | Lower | Upper |        |
| 83        | 100   |       |        |
| 131       | 10.9  | 5.4   | 16.2   |
| 85        | 64.3  | 31.9  | 95.9   |

Manual Integrations  
APPROVED

MMDadoda  
6/30/2020 9:47:30 AM



#76

1,2,3-Trichloropropane

Concen: 47.288 ug/l m

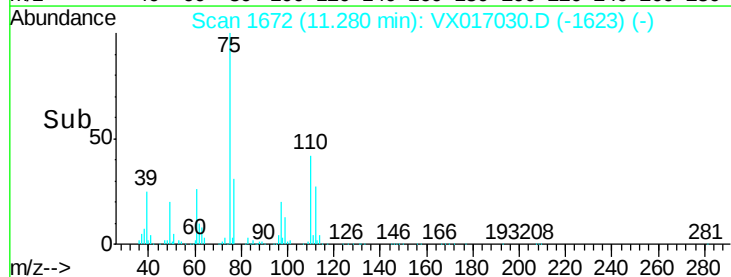
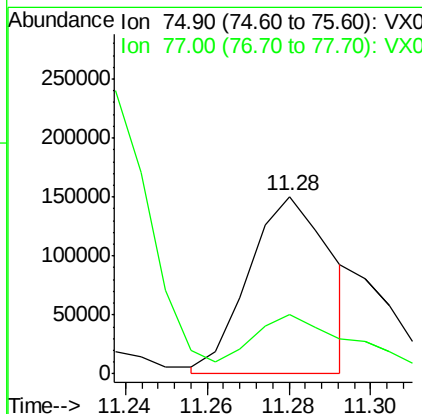
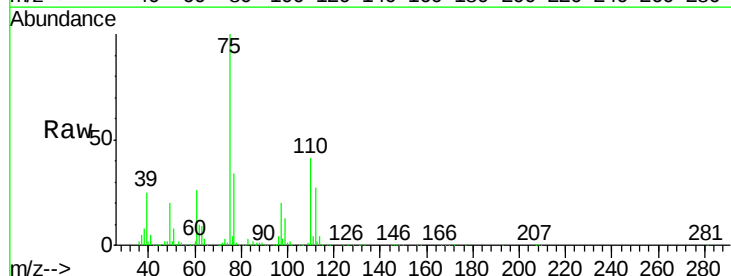
RT: 11.28 min Scan# 1672

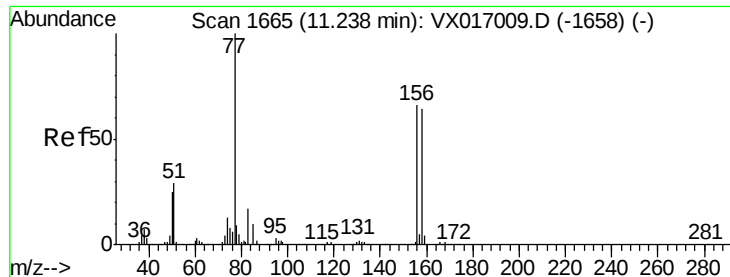
Delta R.T. -0.00 min

Lab File: VX017030.D

Acq: 30 Jun 2020 00:13

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 75    | Resp: | 210225 |
| Ion Ratio | Lower | Upper |        |
| 75        | 100   |       |        |
| 77        | 41.5  | 20.2  | 60.6   |





#77

Bromobenzene

Concen: 46.642 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX017030.D

Acq: 30 Jun 2020 00:13

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:156 Resp: 189822

Ion Ratio Lower Upper

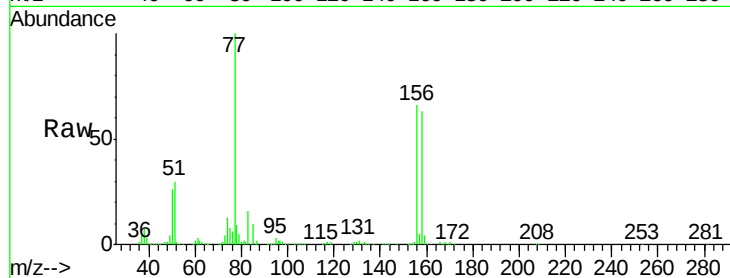
156 100

77 156.0 76.9 230.7

158 97.5 47.9 143.6

Manual Integrations  
APPROVED

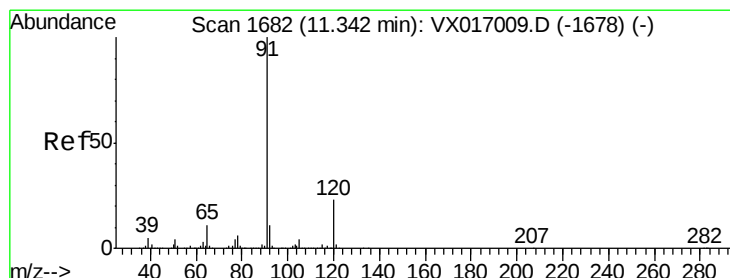
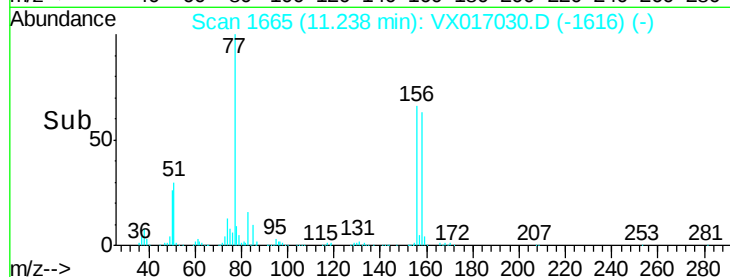
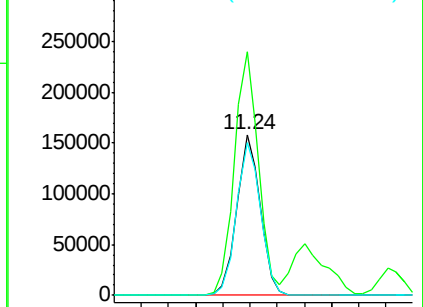
MMDadoda  
6/30/2020 9:47:30 AM



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 48.848 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. -0.00 min

Lab File: VX017030.D

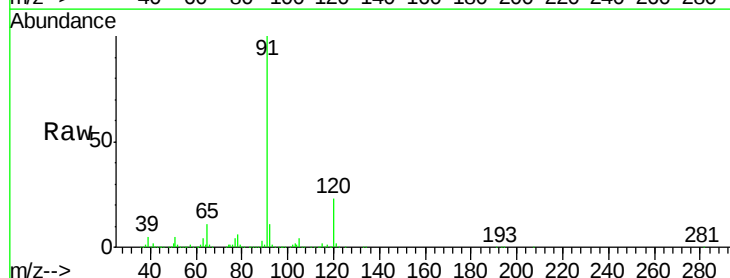
Acq: 30 Jun 2020 00:13

Tgt Ion: 91 Resp: 817981

Ion Ratio Lower Upper

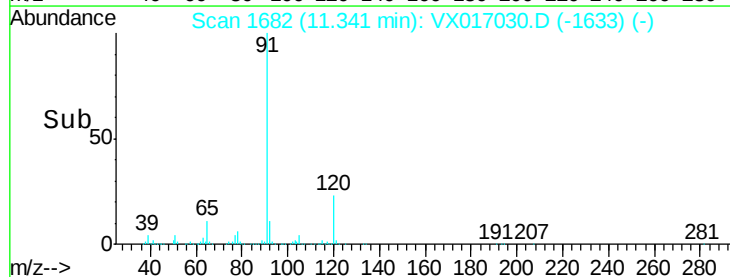
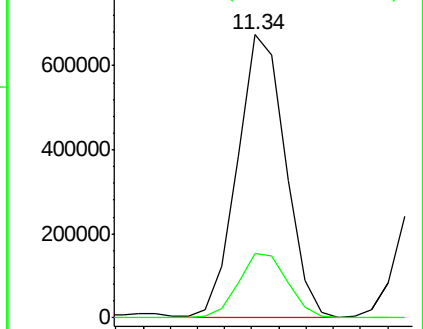
91 100

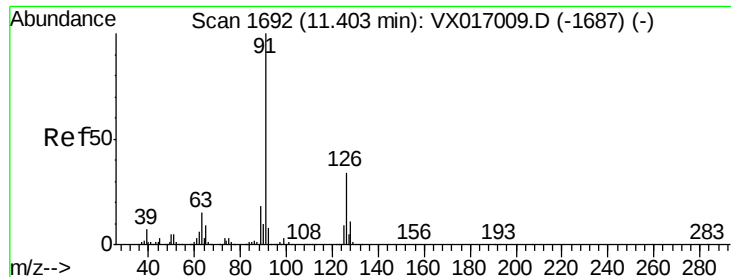
120 23.5 11.9 35.9



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 48.470 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. -0.00 min

Lab File: VX017030.D

Acq: 30 Jun 2020 00:13

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 91 Resp: 491218

Ion Ratio Lower Upper

91 100

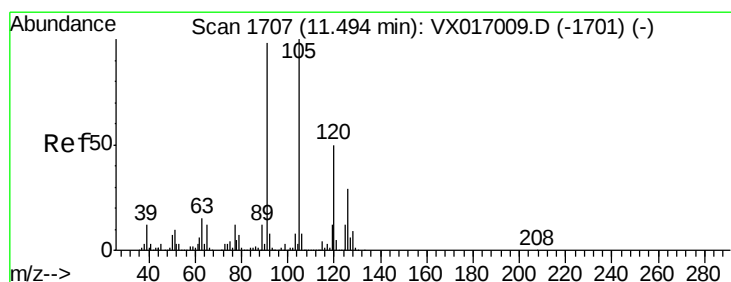
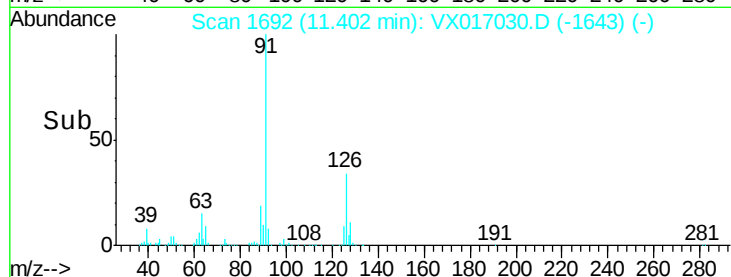
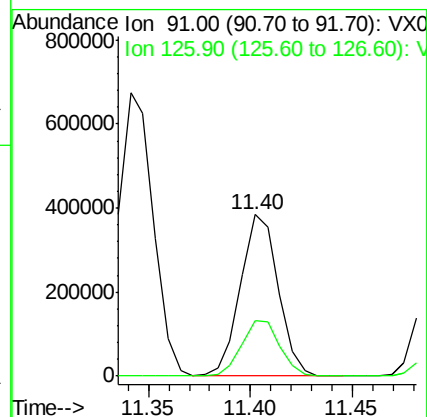
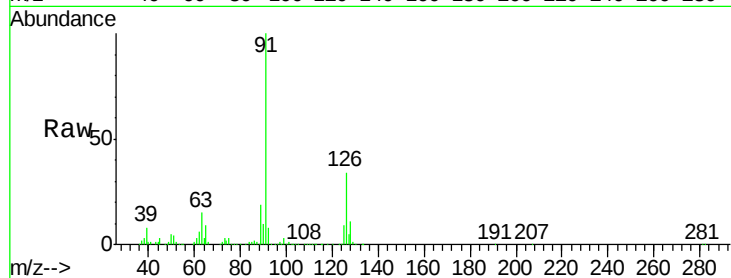
126 35.1 17.4 52.3

Manual Integrations

APPROVED

MMDadoda

6/30/2020 9:47:30 AM



#80

1,3,5-Trimethylbenzene

Concen: 49.917 ug/l

RT: 11.49 min Scan# 1706

Delta R.T. -0.01 min

Lab File: VX017030.D

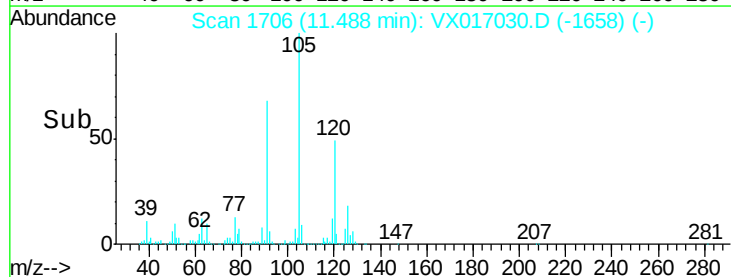
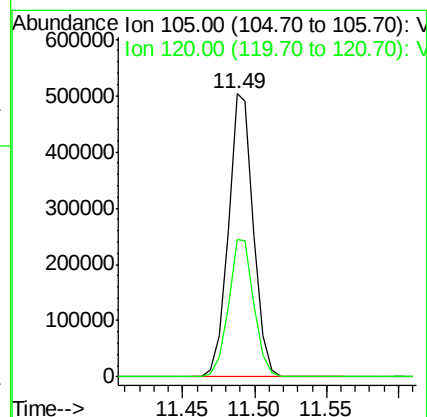
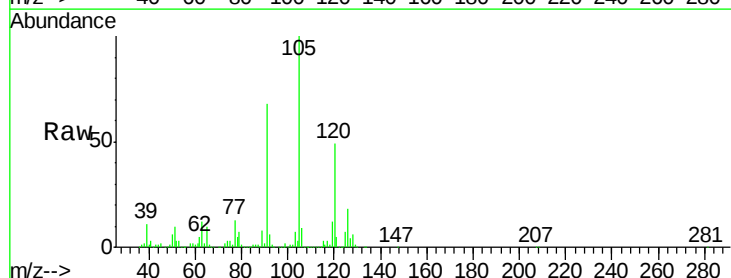
Acq: 30 Jun 2020 00:13

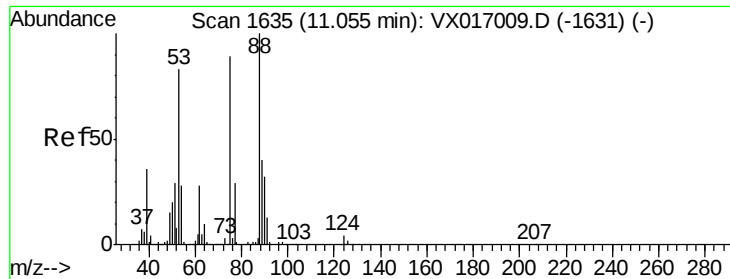
Tgt Ion: 105 Resp: 613127

Ion Ratio Lower Upper

105 100

120 49.4 24.9 74.6





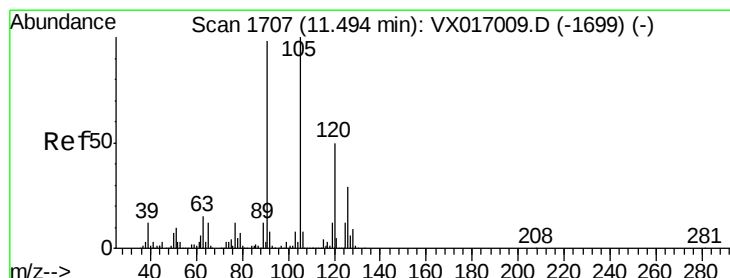
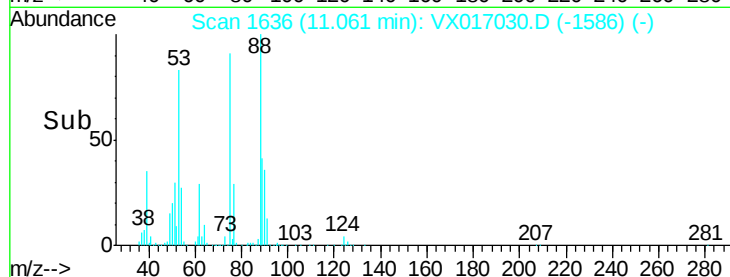
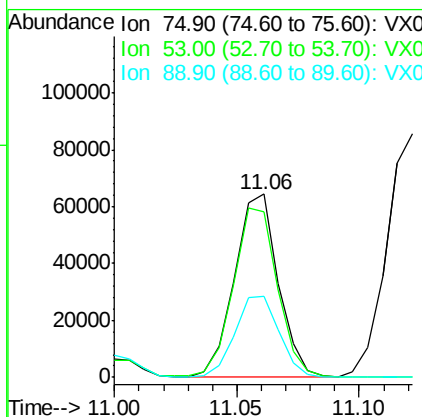
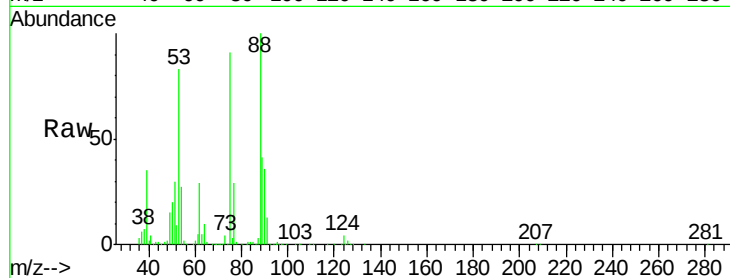
#81  
trans-1,4-Dichloro-2-butene  
Concen: 46.554 ug/l  
RT: 11.06 min Scan# 1636  
Delta R.T. 0.01 min  
Lab File: VX017030.D  
Acq: 30 Jun 2020 00:13

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 53      | 94.1  | 72.4  | 108.6 |
| 89      | 45.1  | 37.0  | 55.4  |

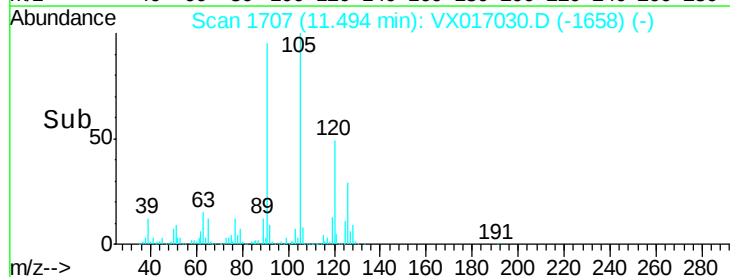
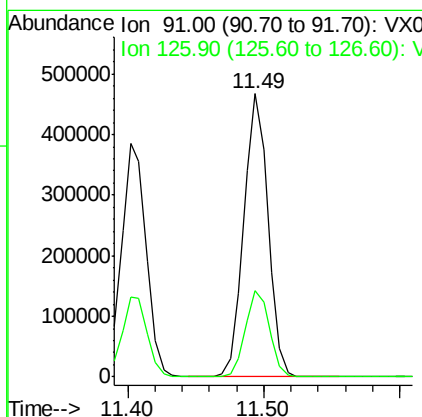
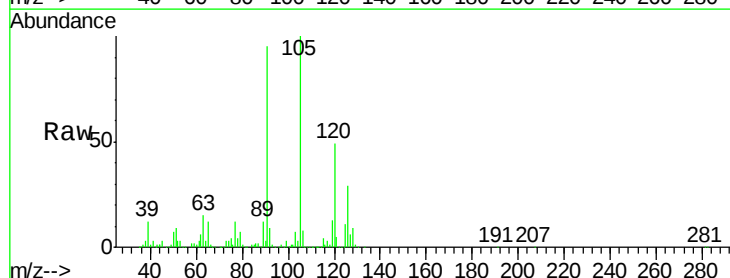
Manual Integrations  
APPROVED

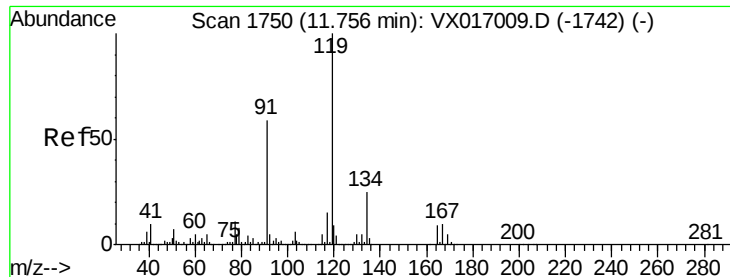
MMDadoda  
6/30/2020 9:47:30 AM



#82  
4-Chlorotoluene  
Concen: 47.945 ug/l  
RT: 11.49 min Scan# 1707  
Delta R.T. -0.00 min  
Lab File: VX017030.D  
Acq: 30 Jun 2020 00:13

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 91      | 100   |       |       |
| 126     | 30.6  | 15.2  | 45.5  |





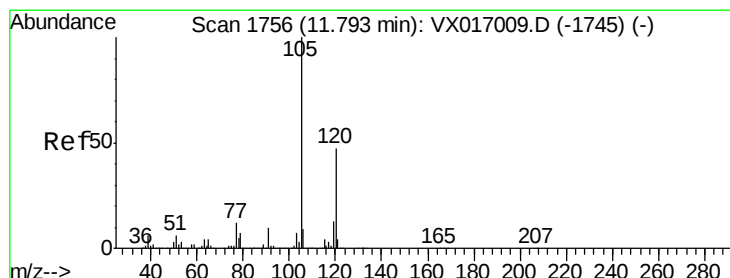
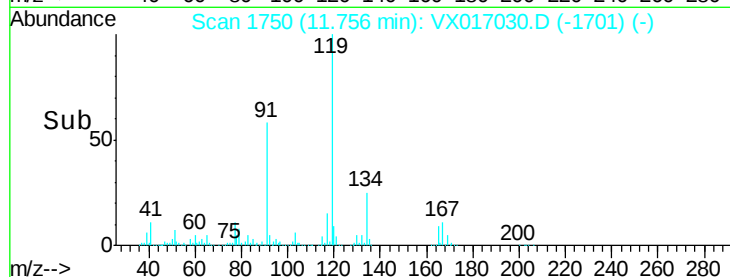
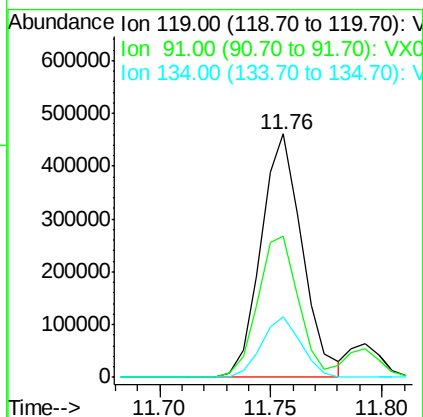
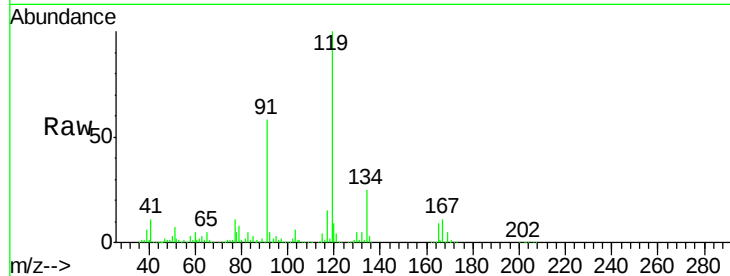
#83  
tert-Butylbenzene  
Concen: 49.181 ug/l  
RT: 11.76 min Scan# 1750  
Delta R.T. -0.00 min  
Lab File: VX017030.D  
Acq: 30 Jun 2020 00:13

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 119     | 100   | 592999 |       |       |
| 91      | 57.0  |        | 28.3  | 84.9  |
| 134     | 23.8  |        | 11.7  | 35.1  |

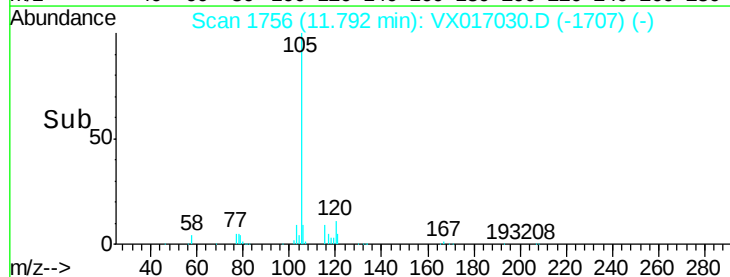
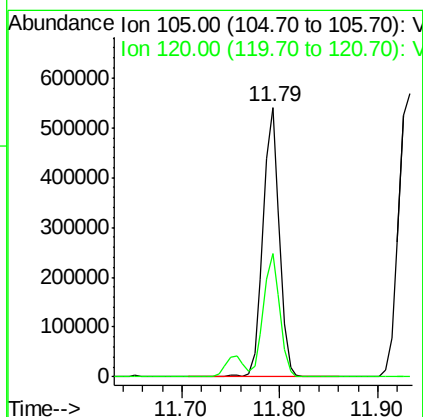
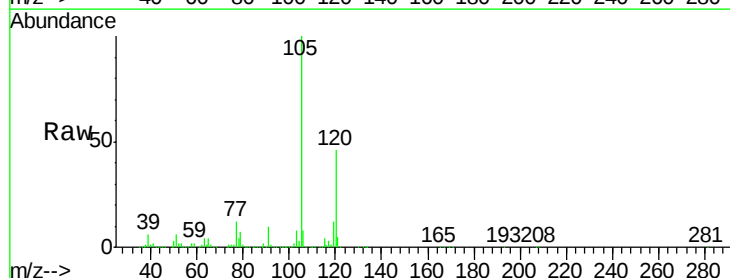
Manual Integrations  
APPROVED

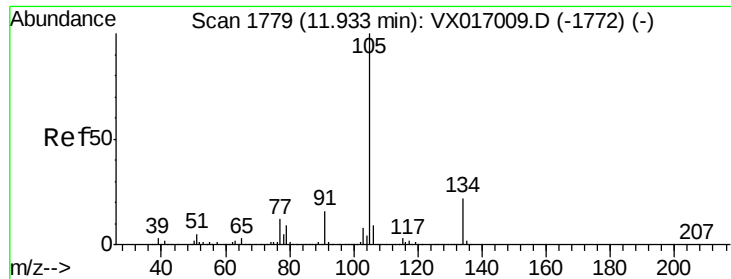
MMDadoda  
6/30/2020 9:47:30 AM



#84  
1,2,4-Trimethylbenzene  
Concen: 50.103 ug/l  
RT: 11.79 min Scan# 1756  
Delta R.T. -0.00 min  
Lab File: VX017030.D  
Acq: 30 Jun 2020 00:13

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 105     | 100   | 624335 |       |       |
| 120     | 45.8  |        | 22.9  | 68.5  |





#85

sec-Butylbenzene

Concen: 49.479 ug/l

RT: 11.93 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VX017030.D

Acq: 30 Jun 2020 00:13

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 701278

Ion Ratio Lower Upper

105 100

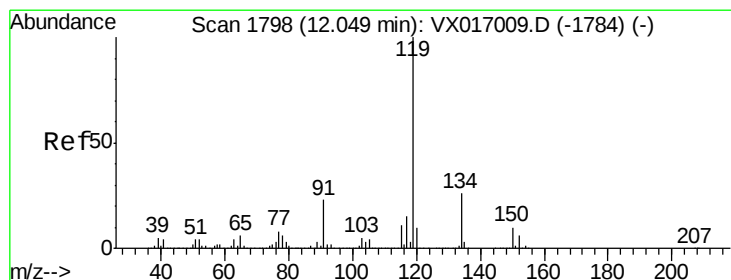
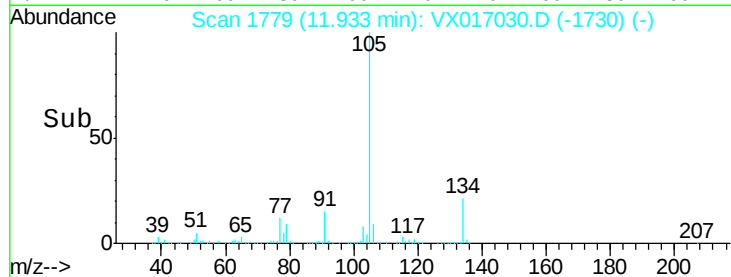
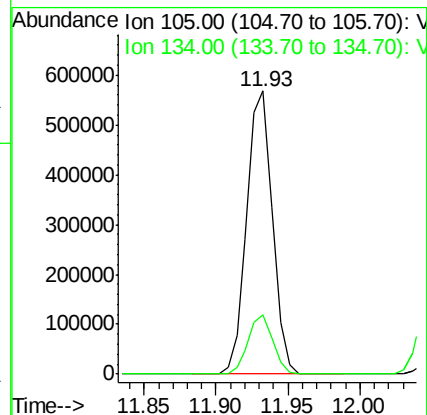
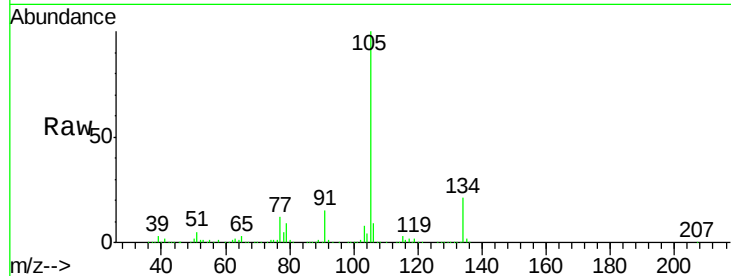
134 20.4 10.5 31.6

Manual Integrations

APPROVED

MMDadoda

6/30/2020 9:47:30 AM



#86

p-Isopropyltoluene

Concen: 49.349 ug/l

RT: 12.05 min Scan# 1798

Delta R.T. -0.00 min

Lab File: VX017030.D

Acq: 30 Jun 2020 00:13

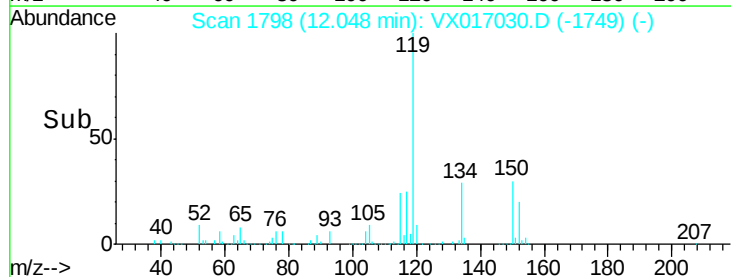
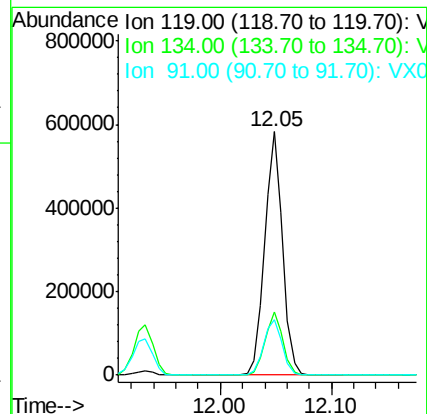
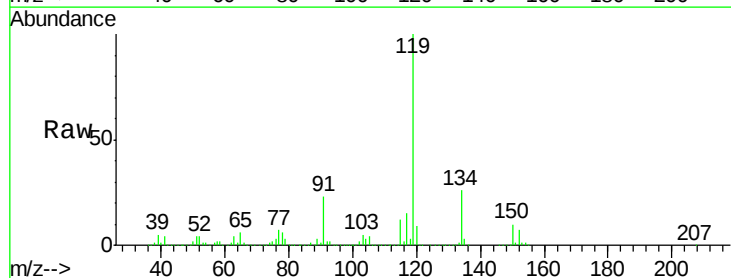
Tgt Ion:119 Resp: 651128

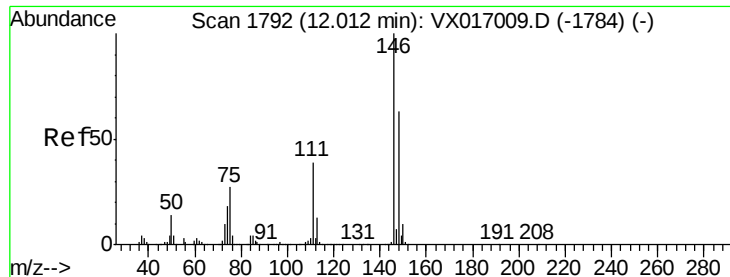
Ion Ratio Lower Upper

119 100

134 26.1 13.2 39.5

91 23.6 11.8 35.4





#87

1,3-Dichlorobenzene

Concen: 45.433 ug/l

RT: 12.01 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX017030.D

Acq: 30 Jun 2020 00:13

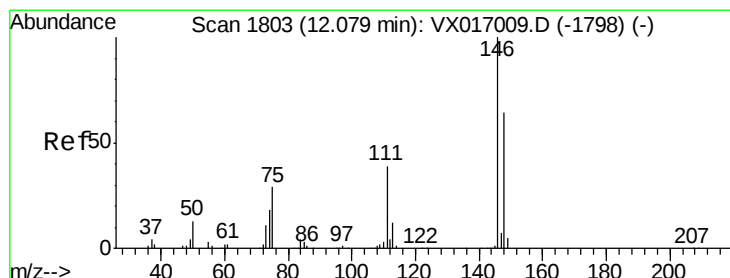
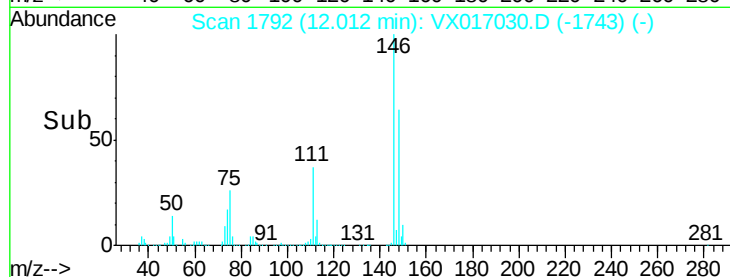
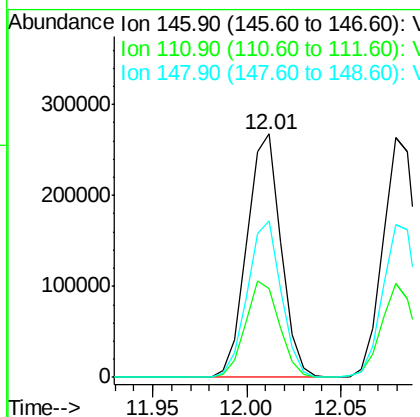
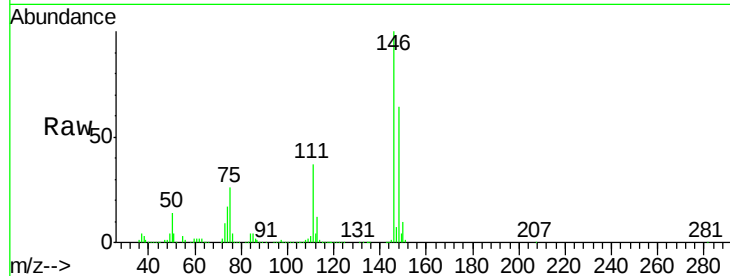
Instrument :  
MSVOA\_X

ClientSampleId :  
VSTDCCC050EC

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 39.6  | 20.4  | 61.2  |
| 148     | 63.7  | 32.5  | 97.5  |

Manual Integrations  
APPROVED

MMDadoda  
6/30/2020 9:47:30 AM



#88

1,4-Dichlorobenzene

Concen: 47.913 ug/l

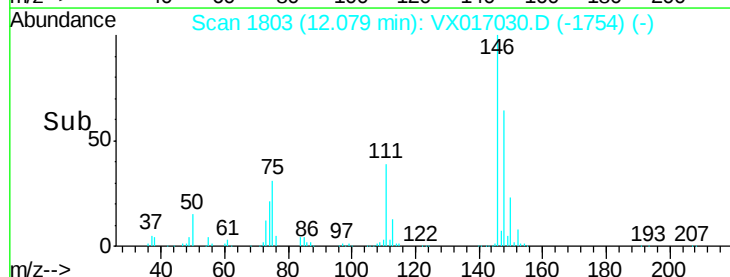
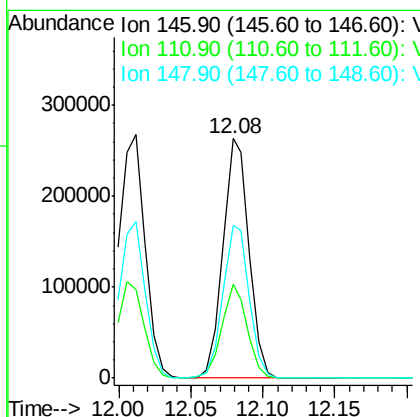
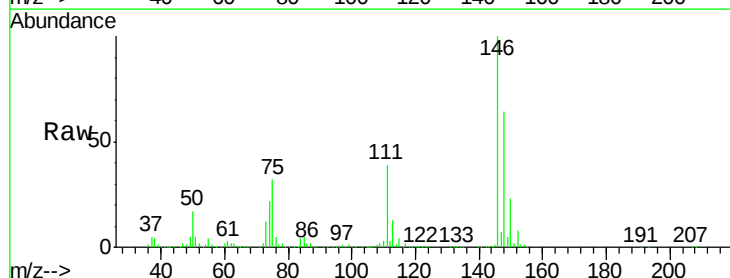
RT: 12.08 min Scan# 1803

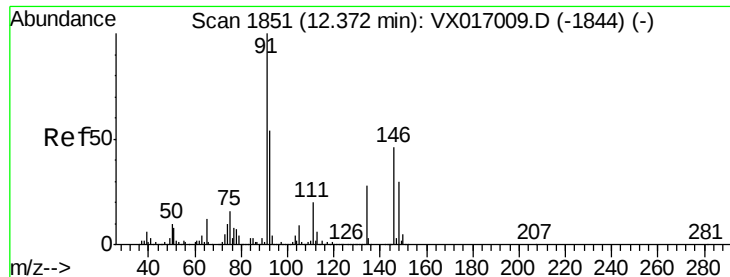
Delta R.T. -0.00 min

Lab File: VX017030.D

Acq: 30 Jun 2020 00:13

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 38.3  | 19.5  | 58.5  |
| 148     | 64.6  | 31.9  | 95.7  |





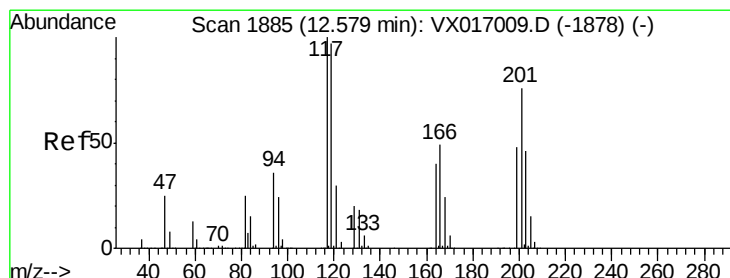
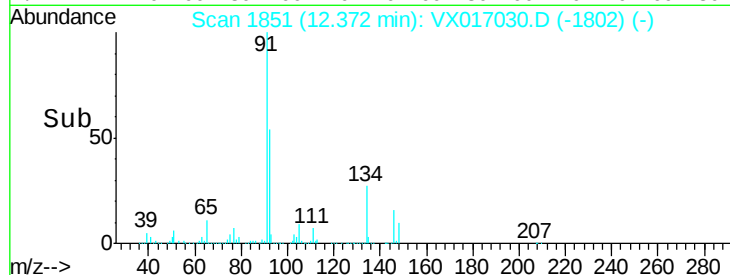
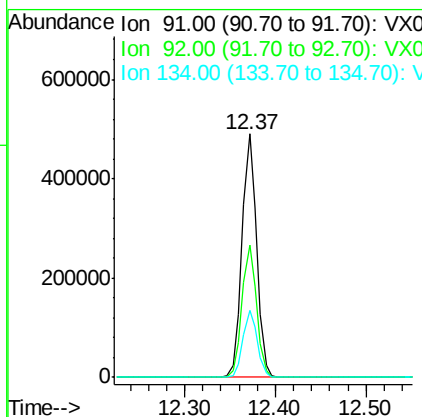
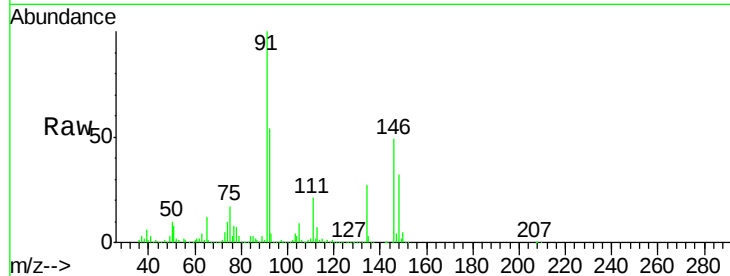
#89  
n-Butylbenzene  
Concen: 46.378 ug/l  
RT: 12.37 min Scan# 1851  
Delta R.T. -0.00 min  
Lab File: VX017030.D  
Acq: 30 Jun 2020 00:13

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 91      | 100   |       |       |
| 92      | 54.1  | 27.2  | 81.6  |
| 134     | 27.0  | 13.6  | 40.7  |

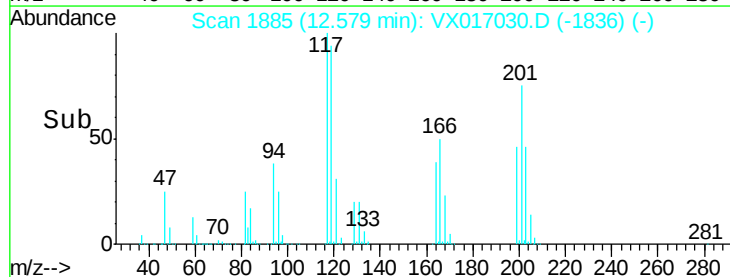
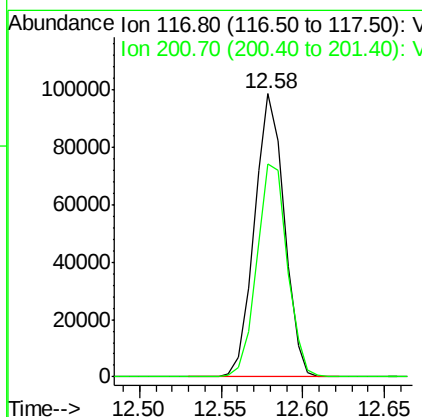
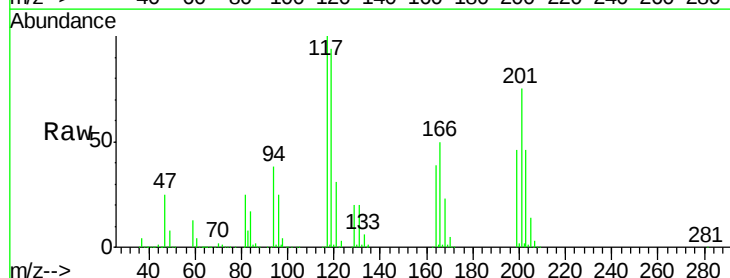
Manual Integrations  
APPROVED

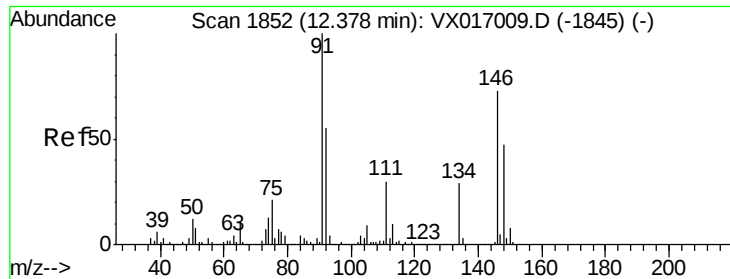
MMDadoda  
6/30/2020 9:47:30 AM



#90  
Hexachloroethane  
Concen: 48.316 ug/l  
RT: 12.58 min Scan# 1885  
Delta R.T. -0.00 min  
Lab File: VX017030.D  
Acq: 30 Jun 2020 00:13

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 201     | 77.1  | 39.4  | 118.2 |





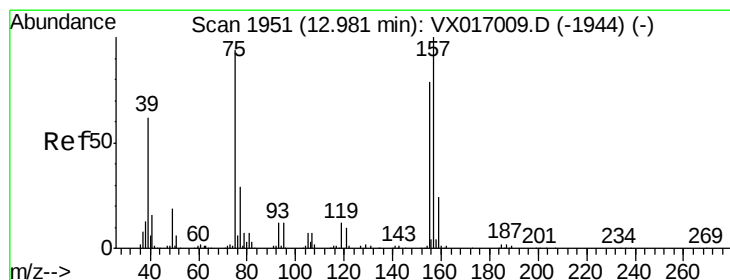
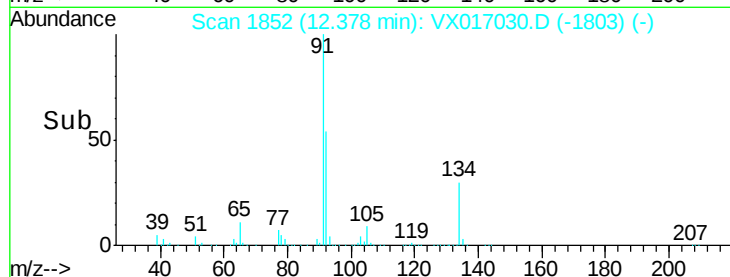
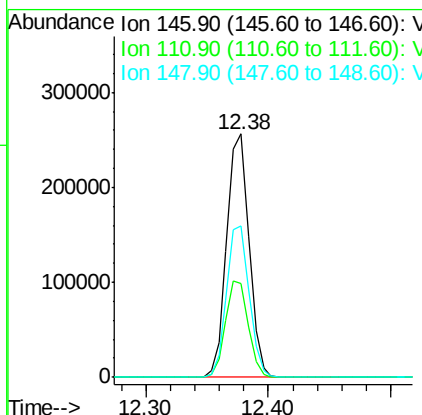
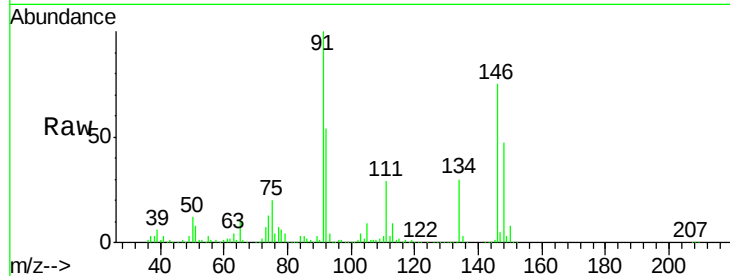
#91  
 1,2-Dichlorobenzene  
 Concen: 46.853 ug/l  
 RT: 12.38 min Scan# 1852  
 Delta R.T. -0.00 min  
 Lab File: VX017030.D  
 Acq: 30 Jun 2020 00:13

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050EC

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 40.5  | 20.6  | 61.9  |
| 148     | 62.9  | 32.4  | 97.2  |

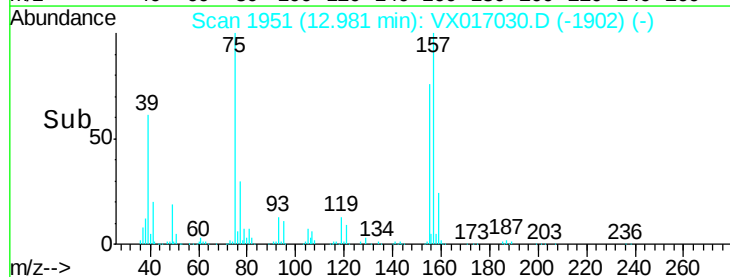
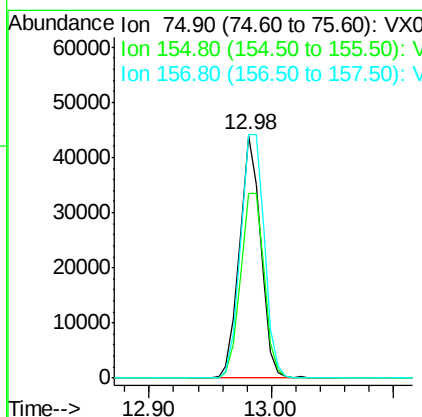
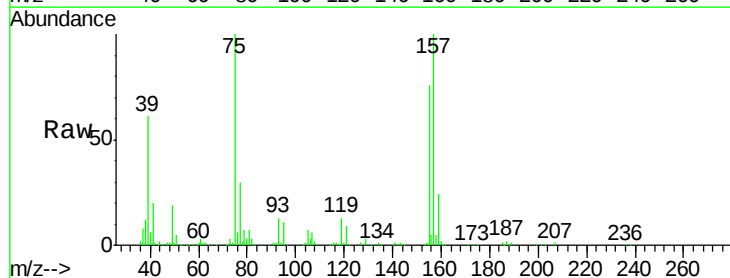
Manual Integrations  
 APPROVED

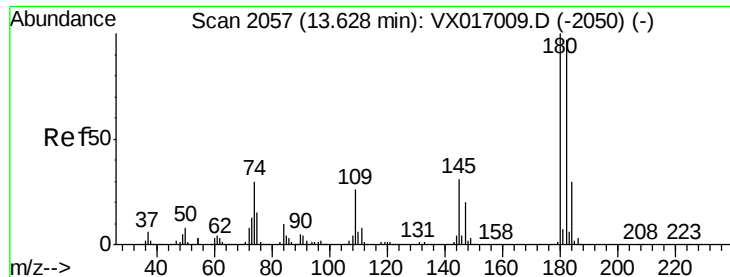
MMDadoda  
 6/30/2020 9:47:30 AM



#92  
 1,2-Dibromo-3-Chloropropane  
 Concen: 47.132 ug/l  
 RT: 12.98 min Scan# 1951  
 Delta R.T. -0.00 min  
 Lab File: VX017030.D  
 Acq: 30 Jun 2020 00:13

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 155     | 84.7  | 45.1  | 135.2 |
| 157     | 112.7 | 56.5  | 169.3 |





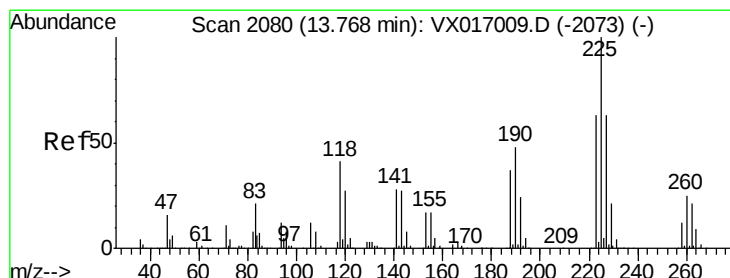
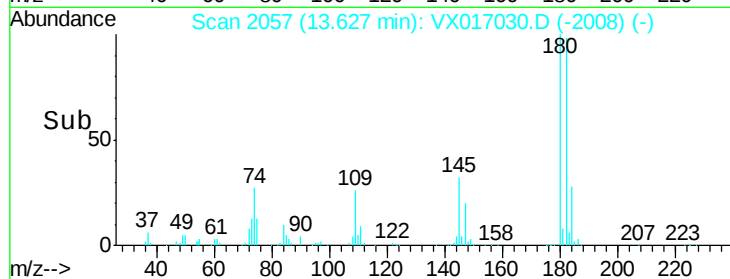
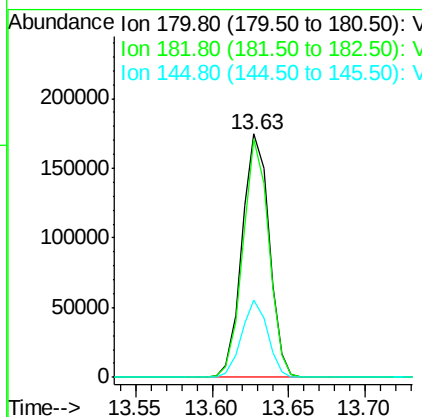
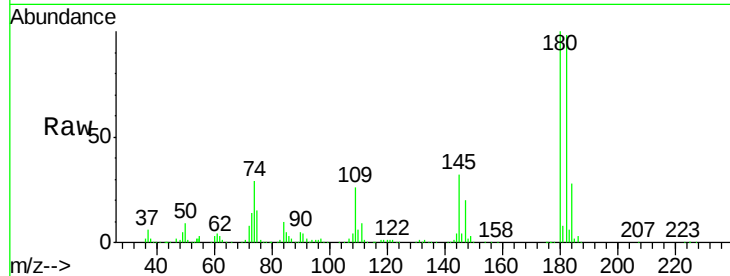
#93  
 1,2,4-Trichlorobenzene  
 Concen: 45.525 ug/l  
 RT: 13.63 min Scan# 2057  
 Delta R.T. -0.00 min  
 Lab File: VX017030.D  
 Acq: 30 Jun 2020 00:13

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050EC

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 93.6  | 47.3  | 141.9 |
| 145     | 30.7  | 15.4  | 46.2  |

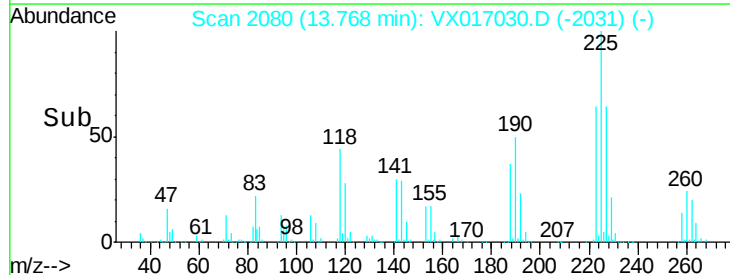
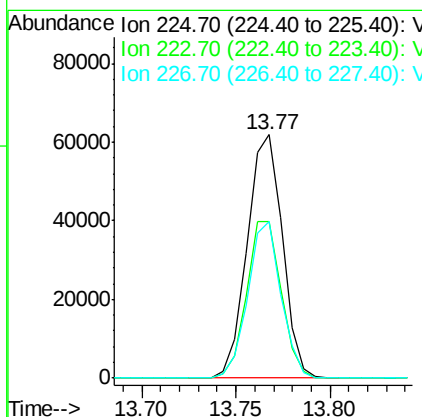
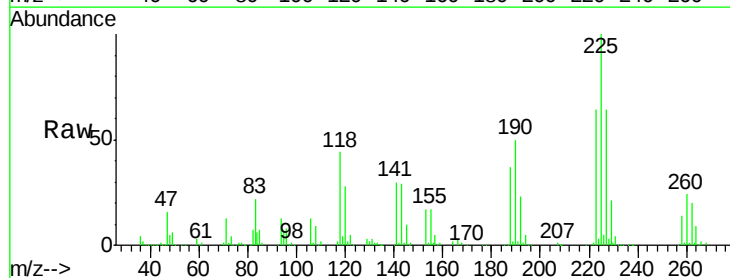
Manual Integrations  
 APPROVED

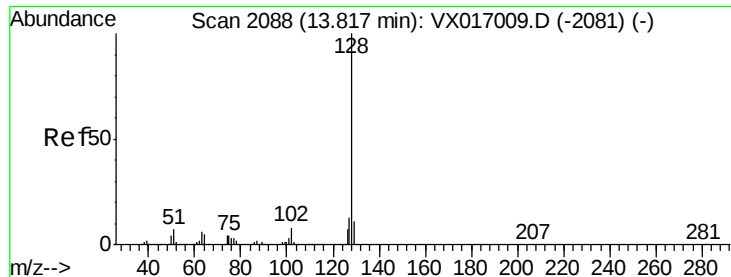
MMDadoda  
 6/30/2020 9:47:30 AM



#94  
 Hexachlorobutadiene  
 Concen: 44.922 ug/l  
 RT: 13.77 min Scan# 2080  
 Delta R.T. 0.00 min  
 Lab File: VX017030.D  
 Acq: 30 Jun 2020 00:13

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 225     | 100   |       |       |
| 223     | 63.3  | 32.5  | 97.5  |
| 227     | 60.6  | 33.1  | 99.2  |





#95

Naphthalene

Concen: 50.790 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. -0.00 min

Lab File: VX017030.D

Acq: 30 Jun 2020 00:13

Instrument :

MSVOA\_X

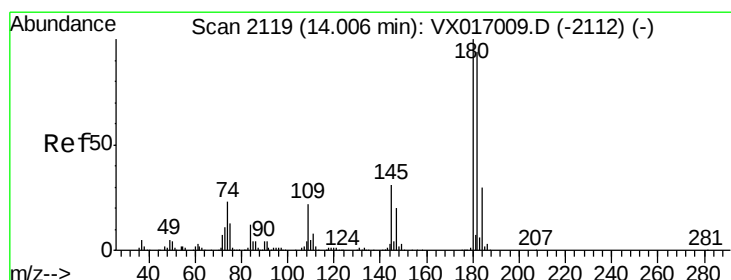
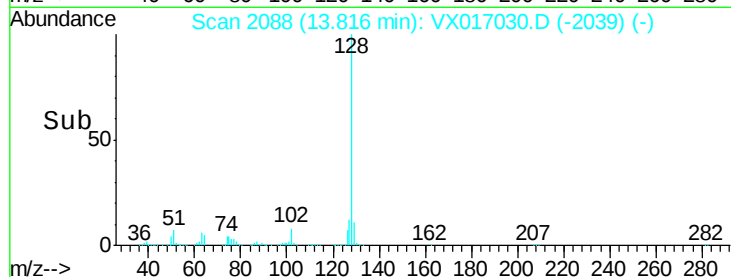
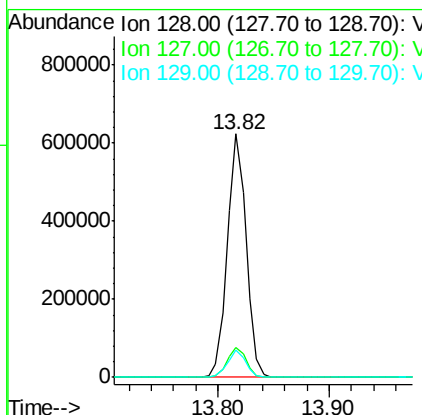
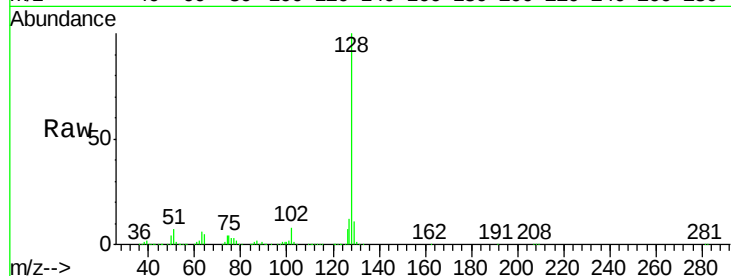
ClientSampleId :

VSTDCCC050EC

|           |      |       |        |
|-----------|------|-------|--------|
| Tot Ion:  | 128  | Resp: | 728177 |
| Ion Ratio |      | Lower | Upper  |
| 128       | 100  |       |        |
| 127       | 12.4 | 10.2  | 15.4   |
| 129       | 10.8 | 8.7   | 13.1   |

Manual Integrations  
APPROVED

MMDadoda  
6/30/2020 9:47:30 AM



#96

1,2,3-Trichlorobenzene

Concen: 45.613 ug/l

RT: 14.00 min Scan# 2118

Delta R.T. -0.01 min

Lab File: VX017030.D

Acq: 30 Jun 2020 00:13

|           |      |       |        |
|-----------|------|-------|--------|
| Tgt Ion:  | 180  | Resp: | 208168 |
| Ion Ratio |      | Lower | Upper  |
| 180       | 100  |       |        |
| 182       | 96.5 | 47.1  | 141.4  |
| 145       | 32.9 | 16.6  | 49.7   |

