

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX112520\  
 Data File : VX019667.D  
 Acq On : 25 Nov 2020 19:24  
 Operator : JC/MD  
 Sample : VSTDCCC050  
 Misc : 5.0mL/MSVOA X/WATER  
 ALS Vial : 23 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleID :  
 VSTDCCC050EC

Manual Integrations  
 APPROVED

MMDadoda  
 11/30/2020 9:54:05 AM

Quant Time: Nov 26 06:54:53 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X112120W.M  
 Quant Title : SW846 8260  
 QLast Update : Sat Nov 21 01:57:45 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 5.62  | 168  | 265544   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 6.83  | 114  | 457299   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 10.10 | 117  | 408968   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 12.06 | 152  | 194132   | 50.00 | ug/l  | 0.00     |

## System Monitoring Compounds

|                           |        |       |          |          |      |         |
|---------------------------|--------|-------|----------|----------|------|---------|
| 33) 1,2-Dichloroethane-d4 | 6.03   | 65    | 176273   | 51.20    | ug/l | 0.00    |
| Spiked Amount             | 50.000 | Range | 61 - 141 | Recovery | =    | 102.40% |
| 35) Dibromofluoromethane  | 5.46   | 113   | 141900   | 49.43    | ug/l | 0.00    |
| Spiked Amount             | 50.000 | Range | 69 - 133 | Recovery | =    | 98.86%  |
| 50) Toluene-d8            | 8.70   | 98    | 536042   | 48.06    | ug/l | 0.00    |
| Spiked Amount             | 50.000 | Range | 65 - 126 | Recovery | =    | 96.12%  |
| 62) 4-Bromofluorobenzene  | 11.12  | 95    | 194464   | 48.46    | ug/l | 0.00    |
| Spiked Amount             | 50.000 | Range | 58 - 135 | Recovery | =    | 96.92%  |

## Target Compounds

|                               |      |     |         |         |      | Qvalue |
|-------------------------------|------|-----|---------|---------|------|--------|
| 2) Dichlorodifluoromethane    | 1.18 | 85  | 125132  | 48.458  | ug/l | 99     |
| 3) Chloromethane              | 1.31 | 50  | 137831  | 46.514  | ug/l | 99     |
| 4) Vinyl Chloride             | 1.39 | 62  | 156618  | 49.099  | ug/l | 98     |
| 5) Bromomethane               | 1.62 | 94  | 56675   | 46.908  | ug/l | 98     |
| 6) Chloroethane               | 1.70 | 64  | 53769   | 70.968  | ug/l | 96     |
| 7) Trichlorofluoromethane     | 1.90 | 101 | 222956  | 48.427  | ug/l | 98     |
| 8) Diethyl Ether              | 2.17 | 74  | 93047   | 50.463  | ug/l | 99     |
| 9) 1,1,2-Trichlorotrifluoroet | 2.36 | 101 | 124402  | 48.433  | ug/l | 99     |
| 10) Methyl Iodide             | 2.48 | 142 | 175463  | 51.999  | ug/l | 99     |
| 11) Tert butyl alcohol        | 3.04 | 59  | 183044  | 280.919 | ug/l | 99     |
| 12) 1,1-Dichloroethene        | 2.35 | 96  | 126315  | 47.914  | ug/l | 99     |
| 13) Acrolein                  | 2.28 | 56  | 88796   | 202.733 | ug/l | 99     |
| 14) Allyl chloride            | 2.70 | 41  | 207420  | 50.223  | ug/l | 100    |
| 15) Acrylonitrile             | 3.12 | 53  | 415138  | 270.153 | ug/l | 100    |
| 16) Acetone                   | 2.43 | 43  | 331796  | 249.195 | ug/l | 100    |
| 17) Carbon Disulfide          | 2.54 | 76  | 317469  | 44.825  | ug/l | 100    |
| 18) Methyl Acetate            | 2.75 | 43  | 178716  | 54.683  | ug/l | 99     |
| 19) Methyl tert-butyl Ether   | 3.17 | 73  | 499694  | 54.912  | ug/l | 98     |
| 20) Methylene Chloride        | 2.83 | 84  | 164761  | 49.509  | ug/l | 99     |
| 21) trans-1,2-Dichloroethene  | 3.14 | 96  | 148874  | 49.842  | ug/l | 95     |
| 22) Diisopropyl ether         | 3.82 | 45  | 460327  | 53.879  | ug/l | 98     |
| 23) Vinyl Acetate             | 3.78 | 43  | 1978467 | 276.080 | ug/l | 99     |
| 24) 1,1-Dichloroethane        | 3.67 | 63  | 274946  | 52.614  | ug/l | 99     |
| 25) 2-Butanone                | 4.64 | 43  | 529040  | 264.504 | ug/l | 99     |
| 26) 2,2-Dichloropropane       | 4.55 | 77  | 208271  | 45.660  | ug/l | 100    |
| 27) cis-1,2-Dichloroethene    | 4.56 | 96  | 179542  | 52.329  | ug/l | 99     |
| 28) Bromochloromethane        | 4.98 | 49  | 122401  | 48.991  | ug/l | 100    |
| 29) Tetrahydrofuran           | 5.09 | 42  | 340031  | 266.446 | ug/l | 100    |
| 30) Chloroform                | 5.17 | 83  | 287430  | 52.602  | ug/l | 97     |
| 31) Cyclohexane               | 5.54 | 56  | 223207  | 49.845  | ug/l | 95     |
| 32) 1,1,1-Trichloroethane     | 5.46 | 97  | 246557  | 52.528  | ug/l | 99     |
| 36) 1,1-Dichloropropene       | 5.76 | 75  | 204653  | 47.736  | ug/l | 99     |
| 37) Ethyl Acetate             | 4.79 | 43  | 209241  | 51.988  | ug/l | 99     |
| 38) Carbon Tetrachloride      | 5.75 | 117 | 204192  | 49.207  | ug/l | 100    |

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 Sample : VSTDCCC050  
 Misc : 5.0mL/MSVOA X/WATER  
 ALS Vial : 23 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleID :  
 VSTDCCC050EC

Manual Integrations  
 APPROVED

MMDadoda  
 11/30/2020 9:54:05 AM

Quant Time: Nov 26 06:54:53 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X112120W.M  
 Quant Title : SW846 8260  
 QLast Update : Sat Nov 21 01:57:45 2020  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc     | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|----------|--------|----------|
| 39) Methylcyclohexane          | 7.44  | 83   | 231675   | 46.411   | ug/l   | 99       |
| 40) Benzene                    | 6.11  | 78   | 647878   | 49.185   | ug/l   | 99       |
| 41) Methacrylonitrile          | 5.01  | 41   | 115217   | 51.912   | ug/l   | 100      |
| 42) 1,2-Dichloroethane         | 6.16  | 62   | 225252   | 49.891   | ug/l   | 100      |
| 43) Isopropyl Acetate          | 6.42  | 43   | 342095   | 50.563   | ug/l   | 99       |
| 44) Trichloroethene            | 7.18  | 130  | 165715   | 48.028   | ug/l   | 94       |
| 45) 1,2-Dichloropropane        | 7.49  | 63   | 164428   | 50.706   | ug/l   | 99       |
| 46) Dibromomethane             | 7.63  | 93   | 111188   | 50.097   | ug/l   | 98       |
| 47) Bromodichloromethane       | 7.87  | 83   | 221250   | 51.373   | ug/l   | 97       |
| 48) Methyl methacrylate        | 7.74  | 41   | 169131   | 53.378   | ug/l   | 99       |
| 49) 1,4-Dioxane                | 7.72  | 88   | 77346    | 1075.105 | ug/l   | 99       |
| 51) 4-Methyl-2-Pentanone       | 8.62  | 43   | 1032424  | 261.687  | ug/l   | 99       |
| 52) Toluene                    | 8.76  | 92   | 403552   | 50.080   | ug/l   | 97       |
| 53) t-1,3-Dichloropropene      | 9.02  | 75   | 237674   | 51.099   | ug/l   | 100      |
| 54) cis-1,3-Dichloropropene    | 8.42  | 75   | 262093   | 50.776   | ug/l   | 99       |
| 55) 1,1,2-Trichloroethane      | 9.20  | 97   | 165334   | 50.379   | ug/l   | 97       |
| 56) Ethyl methacrylate         | 9.16  | 69   | 251367   | 54.130   | ug/l   | 99       |
| 57) 1,3-Dichloropropane        | 9.35  | 76   | 279014   | 50.781   | ug/l   | 100      |
| 58) 2-Chloroethyl Vinyl ether  | 8.29  | 63   | 681810   | 250.569  | ug/l   | 100      |
| 59) 2-Hexanone                 | 9.48  | 43   | 778757   | 260.264  | ug/l   | 100      |
| 60) Dibromochloromethane       | 9.57  | 129  | 168046   | 52.277   | ug/l   | 99       |
| 61) 1,2-Dibromoethane          | 9.65  | 107  | 169030   | 49.967   | ug/l   | 98       |
| 64) Tetrachloroethene          | 9.32  | 164  | 135167   | 42.047   | ug/l   | 93       |
| 65) Chlorobenzene              | 10.12 | 112  | 415682   | 49.436   | ug/l   | 99       |
| 66) 1,1,1,2-Tetrachloroethane  | 10.20 | 131  | 157494   | 51.494   | ug/l   | 98       |
| 67) Ethyl Benzene              | 10.23 | 91   | 750635   | 50.959   | ug/l   | 100      |
| 68) m/p-Xylenes                | 10.34 | 106  | 546770   | 99.630   | ug/l   | 98       |
| 69) o-Xylene                   | 10.68 | 106  | 268407   | 51.163   | ug/l   | 99       |
| 70) Styrene                    | 10.70 | 104  | 459279   | 47.384   | ug/l   | 99       |
| 71) Bromoform                  | 10.84 | 173  | 118370   | 45.998   | ug/l # | 97       |
| 73) Isopropylbenzene           | 11.00 | 105  | 709076   | 52.799   | ug/l   | 99       |
| 74) N-amyl acetate             | 10.88 | 43   | 289434   | 57.515   | ug/l   | 99       |
| 75) 1,1,2,2-Tetrachloroethane  | 11.25 | 83   | 249325   | 51.915   | ug/l   | 100      |
| 76) 1,2,3-Trichloropropane     | 11.28 | 75   | 221478m  | 52.277   | ug/l   |          |
| 77) Bromobenzene               | 11.24 | 156  | 177737   | 51.843   | ug/l   | 99       |
| 78) n-propylbenzene            | 11.34 | 91   | 791427   | 51.370   | ug/l   | 100      |
| 79) 2-Chlorotoluene            | 11.40 | 91   | 489147   | 52.352   | ug/l   | 100      |
| 80) 1,3,5-Trimethylbenzene     | 11.49 | 105  | 593689   | 52.698   | ug/l   | 99       |
| 81) trans-1,4-Dichloro-2-buten | 11.06 | 75   | 75684    | 48.398   | ug/l   | 99       |
| 82) 4-Chlorotoluene            | 11.49 | 91   | 567656   | 51.609   | ug/l   | 99       |
| 83) tert-Butylbenzene          | 11.76 | 119  | 586606   | 53.821   | ug/l   | 99       |
| 84) 1,2,4-Trimethylbenzene     | 11.79 | 105  | 597050   | 52.378   | ug/l   | 99       |
| 85) sec-Butylbenzene           | 11.93 | 105  | 657566   | 50.714   | ug/l   | 99       |
| 86) p-Isopropyltoluene         | 12.05 | 119  | 596483   | 50.668   | ug/l   | 99       |
| 87) 1,3-Dichlorobenzene        | 12.01 | 146  | 310329   | 49.289   | ug/l   | 99       |
| 88) 1,4-Dichlorobenzene        | 12.08 | 146  | 316958   | 48.872   | ug/l   | 99       |
| 89) n-Butylbenzene             | 12.37 | 91   | 515033   | 48.392   | ug/l   | 99       |
| 90) Hexachloroethane           | 12.58 | 117  | 101696   | 51.624   | ug/l   | 99       |
| 91) 1,2-Dichlorobenzene        | 12.37 | 146  | 315787   | 49.937   | ug/l   | 99       |
| 92) 1,2-Dibromo-3-Chloropropan | 12.98 | 75   | 52391    | 53.473   | ug/l   | 98       |

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 Operator : JC/MD  
 Sample : VSTDCCC050  
 Misc : 5.0mL/MSVOA X/WATER  
 ALS Vial : 23 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050EC

Manual Integrations  
 APPROVED

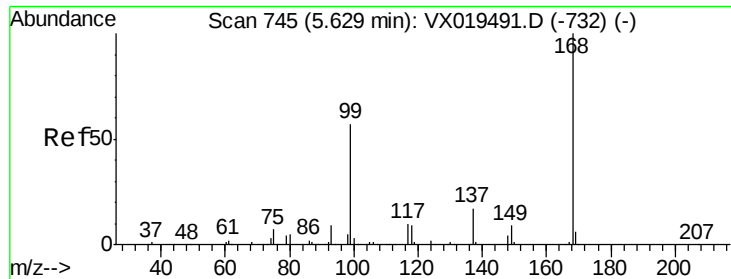
MMDadoda  
 11/30/2020 9:54:05 AM

Quant Time: Nov 26 06:54:53 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X112120W.M  
 Quant Title : SW846 8260  
 QLast Update : Sat Nov 21 01:57:45 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|-------|------|----------|--------|-------|----------|
| 93) 1,2,4-Trichlorobenzene | 13.63 | 180  | 200264   | 49.327 | ug/l  | 98       |
| 94) Hexachlorobutadiene    | 13.76 | 225  | 79156    | 42.800 | ug/l  | 99       |
| 95) Naphthalene            | 13.82 | 128  | 701498   | 49.034 | ug/l  | 100      |
| 96) 1,2,3-Trichlorobenzene | 14.00 | 180  | 205815   | 50.682 | ug/l  | 96       |

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





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.62 min Scan# 744

Delta R.T. -0.01 min

Lab File: VX019667.D

Acq: 25 Nov 2020 19:24

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:168 Resp: 265544

Ion Ratio Lower Upper

168 100

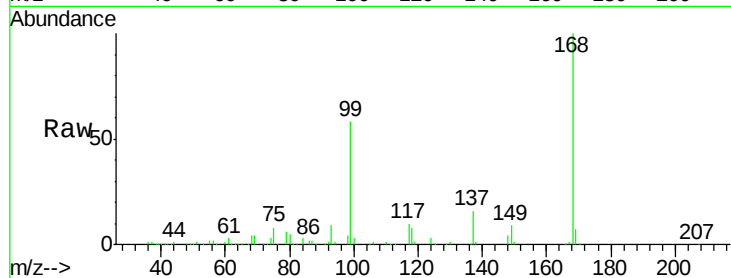
99 57.6 45.8 68.6

Manual Integrations

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11/30/2020 9:54:05 AM



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.62

100000

80000

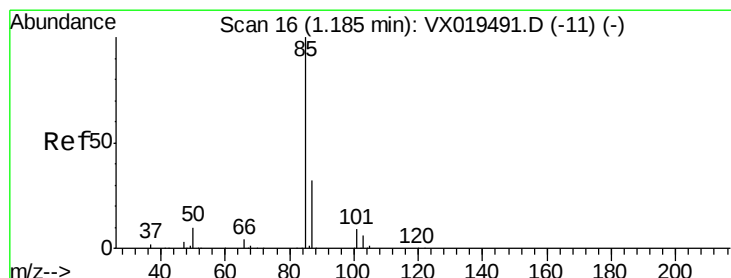
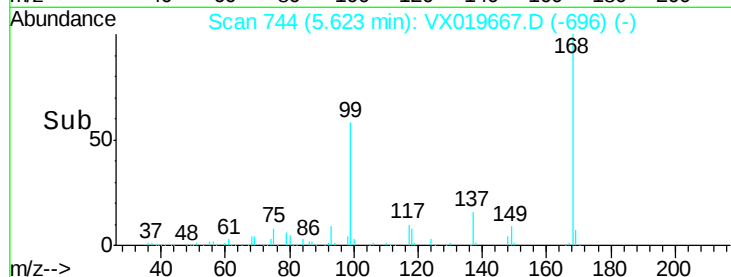
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 48.458 ug/l

RT: 1.18 min Scan# 16

Delta R.T. -0.00 min

Lab File: VX019667.D

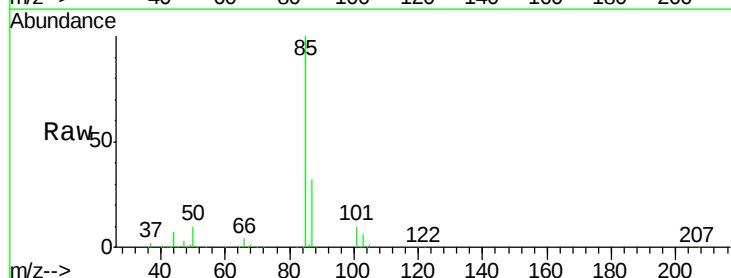
Acq: 25 Nov 2020 19:24

Tgt Ion: 85 Resp: 125132

Ion Ratio Lower Upper

85 100

87 32.2 16.0 47.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

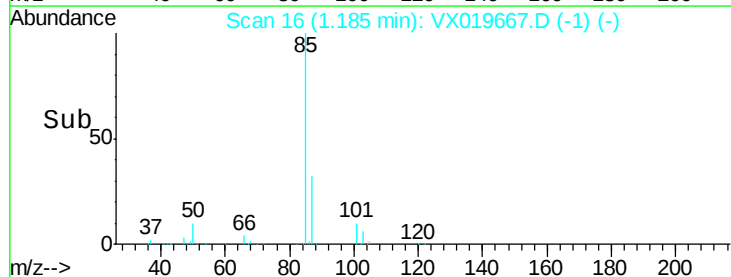
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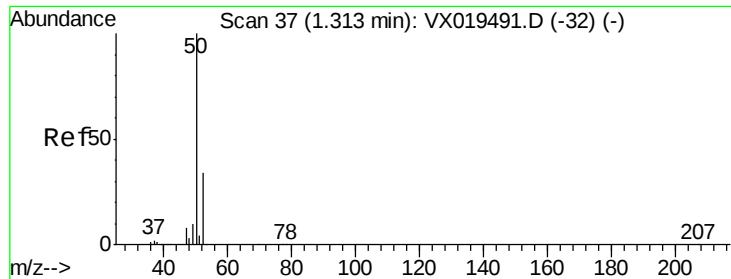
100000

50000

0

Time-->





#3

Chloromethane

Concen: 46.514 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX019667.D

Acq: 25 Nov 2020 19:24

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 50 Resp: 137831

Ion Ratio Lower Upper

50 100

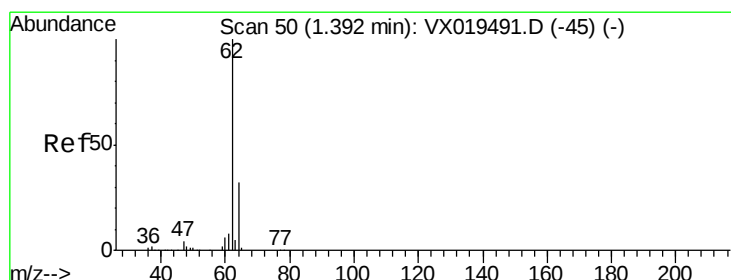
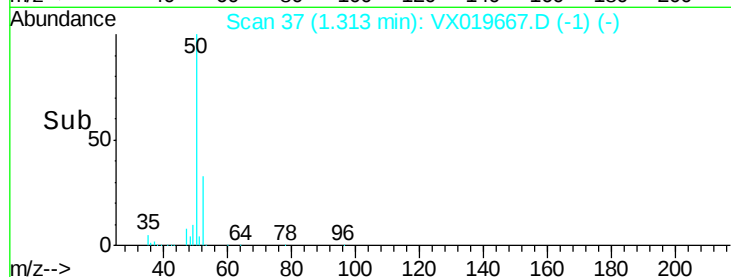
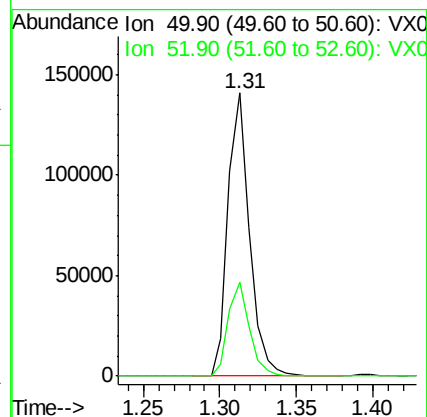
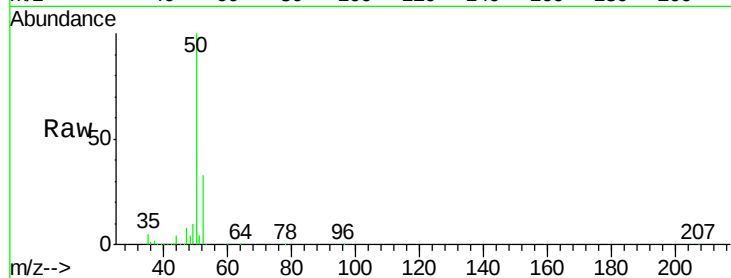
52 33.1 27.0 40.6

Manual Integrations

APPROVED

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11/30/2020 9:54:05 AM



#4

Vinyl Chloride

Concen: 49.099 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX019667.D

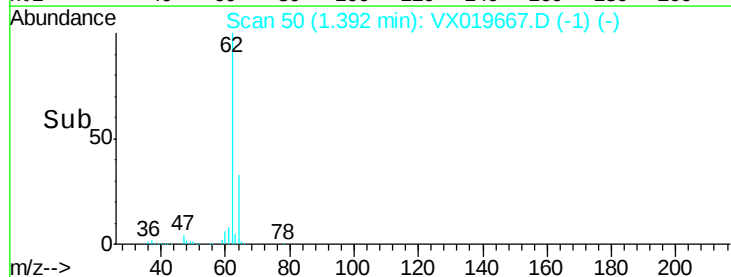
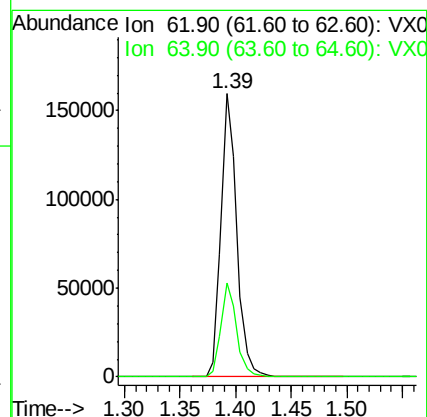
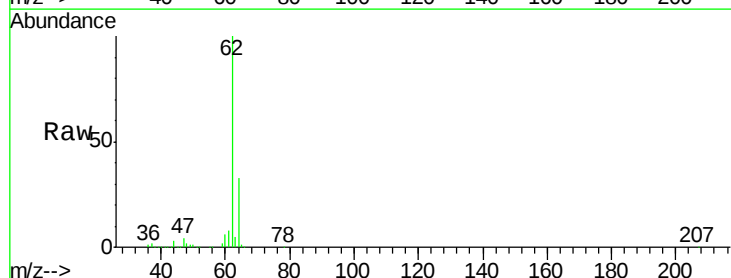
Acq: 25 Nov 2020 19:24

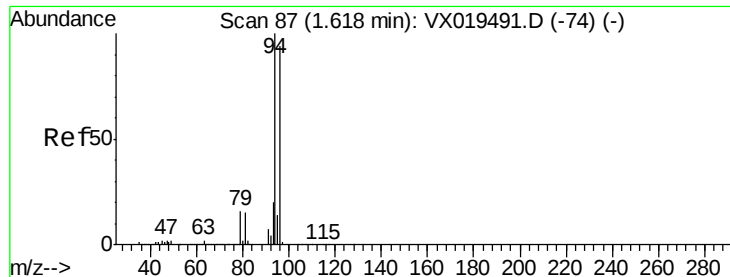
Tgt Ion: 62 Resp: 156618

Ion Ratio Lower Upper

62 100

64 33.0 25.4 38.2





#5

Bromomethane

Concen: 46.908 ug/l

RT: 1.62 min Scan# 87

Delta R.T. -0.00 min

Lab File: VX019667.D

Acq: 25 Nov 2020 19:24

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 94 Resp: 56675

Ion Ratio Lower Upper

94 100

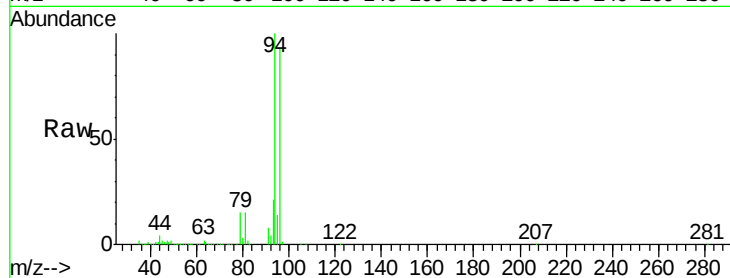
96 92.9 75.6 113.4

Manual Integrations

APPROVED

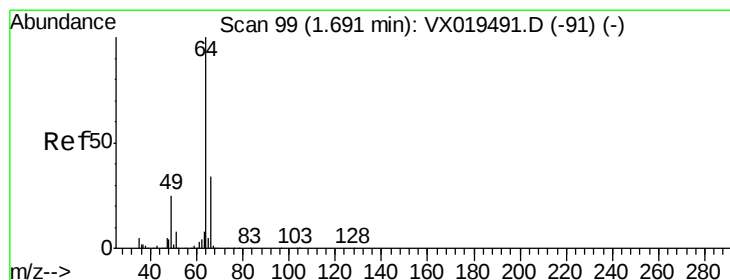
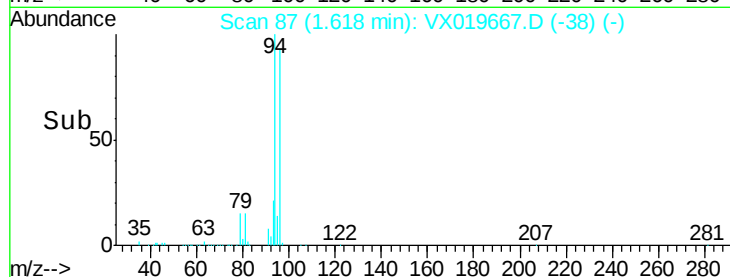
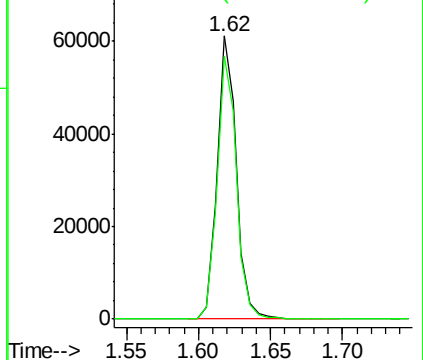
MMDadoda

11/30/2020 9:54:05 AM



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 70.968 ug/l

RT: 1.70 min Scan# 100

Delta R.T. 0.01 min

Lab File: VX019667.D

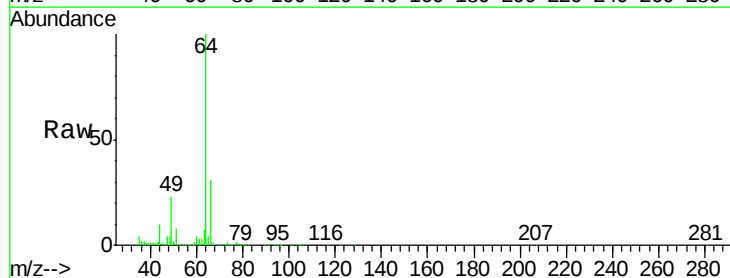
Acq: 25 Nov 2020 19:24

Tgt Ion: 64 Resp: 53769

Ion Ratio Lower Upper

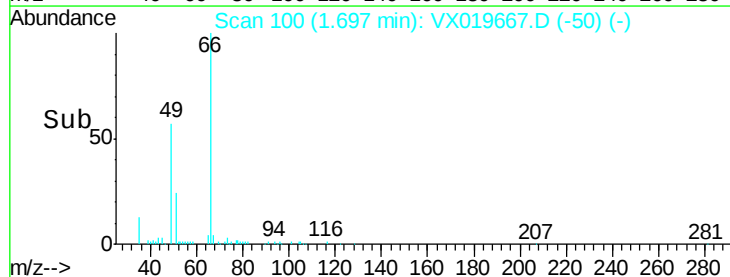
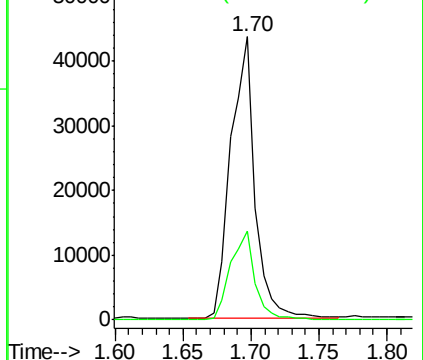
64 100

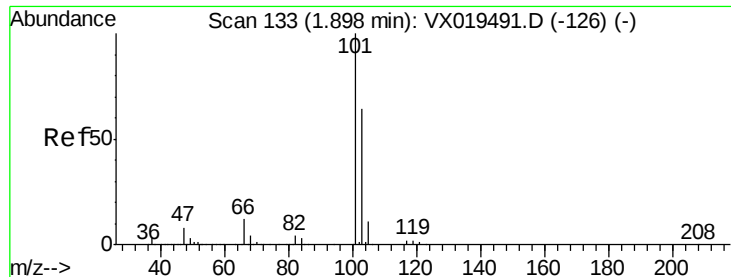
66 31.6 27.1 40.7



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0





#7

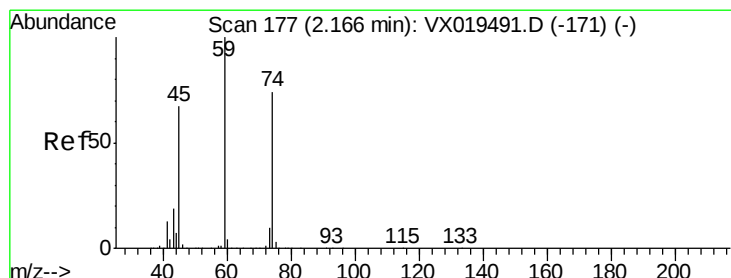
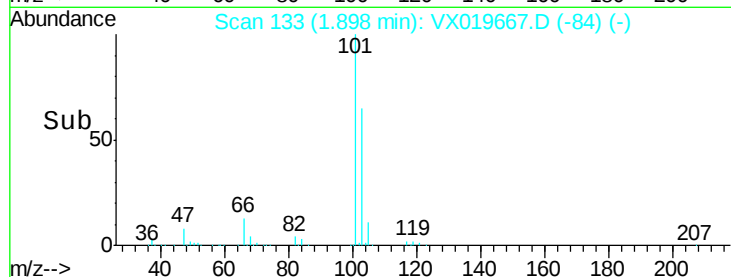
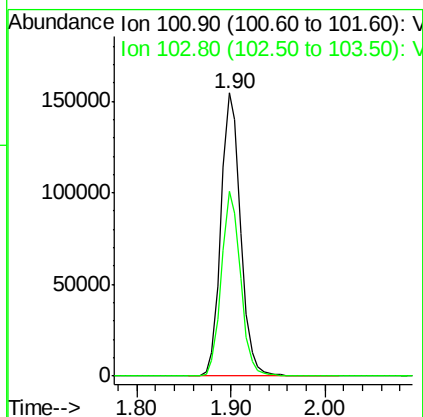
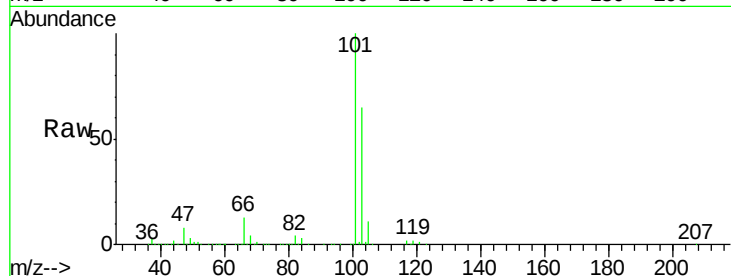
Trichlorofluoromethane  
Concen: 48.427 ug/l  
RT: 1.90 min Scan# 133  
Delta R.T. -0.00 min  
Lab File: VX019667.D  
Acq: 25 Nov 2020 19:24

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 101     | 100   |       |       |
| 103     | 65.3  | 50.9  | 76.3  |

Manual Integrations  
APPROVED

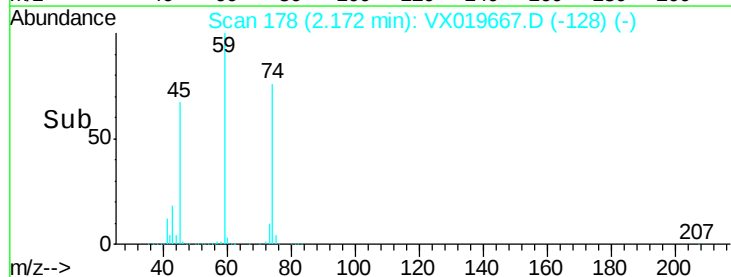
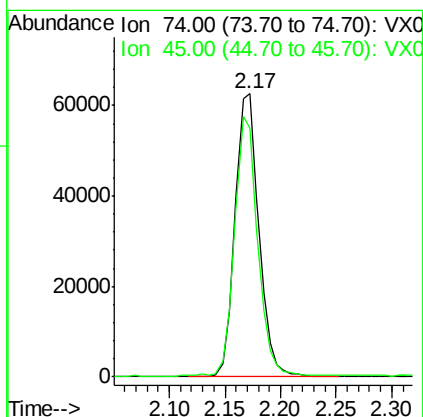
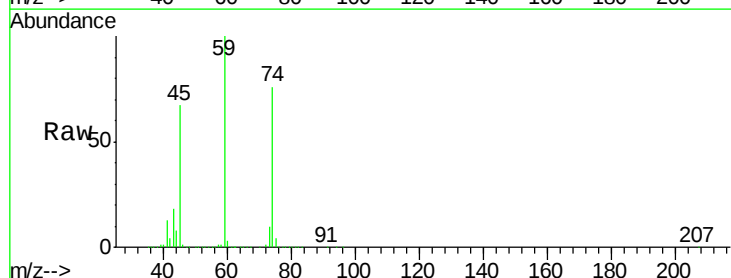
MMDadoda  
11/30/2020 9:54:05 AM

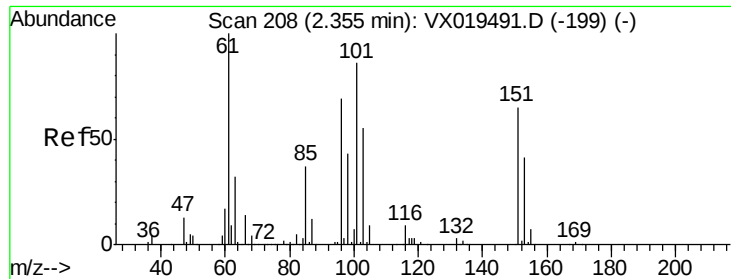


#8

Diethyl Ether  
Concen: 50.463 ug/l  
RT: 2.17 min Scan# 178  
Delta R.T. 0.01 min  
Lab File: VX019667.D  
Acq: 25 Nov 2020 19:24

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 74      | 100   |       |       |
| 45      | 89.3  | 44.4  | 133.2 |





#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.433 ug/l

RT: 2.36 min Scan# 208

Delta R.T. -0.00 min

Lab File: VX019667.D

Acq: 25 Nov 2020 19:24

Instrument :

MSVOA\_X

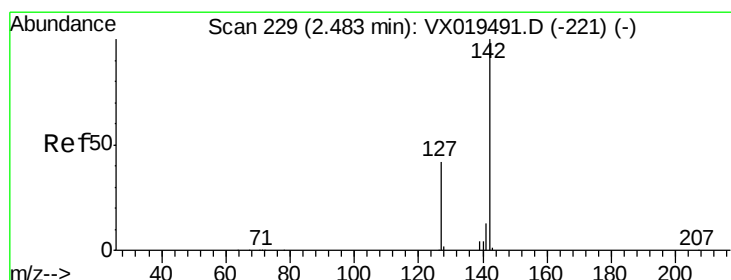
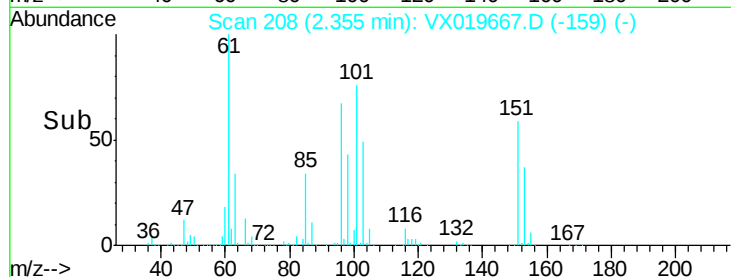
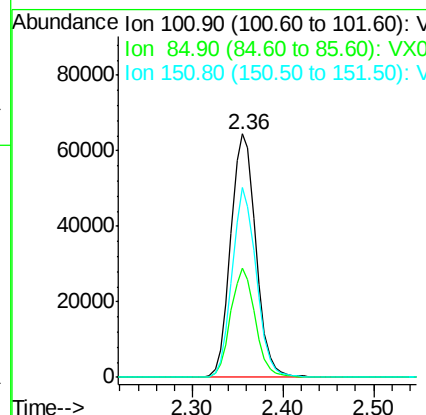
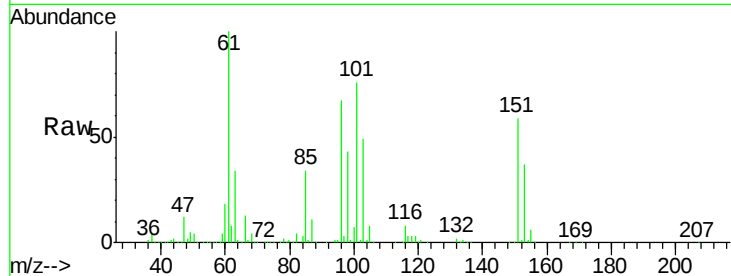
ClientSampleId :

VSTDCCC050EC

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 101   | Resp: | 124402 |
| Ion Ratio | Lower | Upper |        |
| 101       | 100   |       |        |
| 85        | 43.5  | 33.9  | 50.9   |
| 151       | 74.9  | 60.9  | 91.3   |

Manual Integrations  
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11/30/2020 9:54:05 AM



#10

Methyl Iodide

Concen: 51.999 ug/l

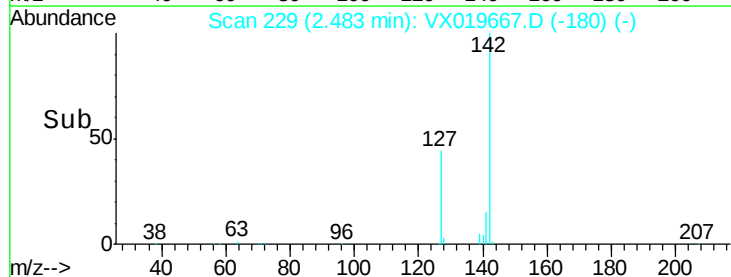
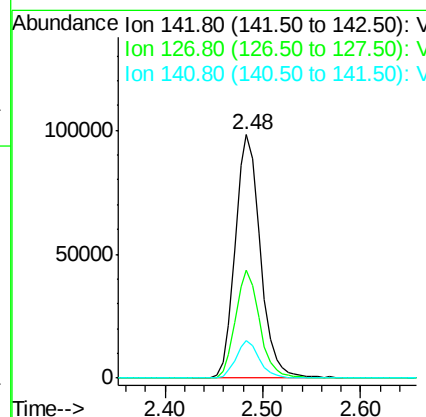
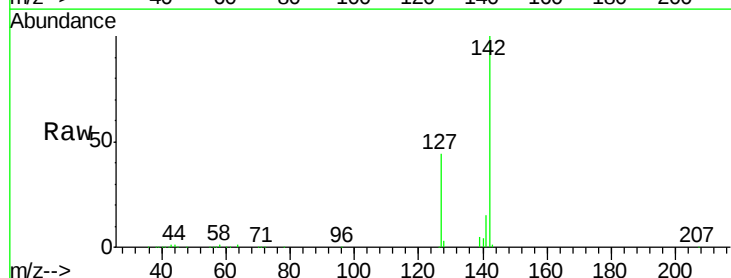
RT: 2.48 min Scan# 229

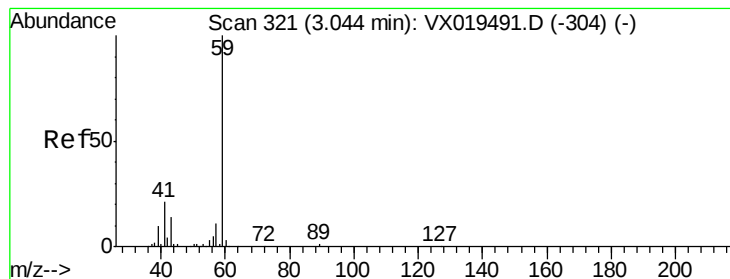
Delta R.T. -0.00 min

Lab File: VX019667.D

Acq: 25 Nov 2020 19:24

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 142   | Resp: | 175463 |
| Ion Ratio | Lower | Upper |        |
| 142       | 100   |       |        |
| 127       | 42.9  | 33.8  | 50.6   |
| 141       | 14.5  | 11.0  | 16.6   |





#11

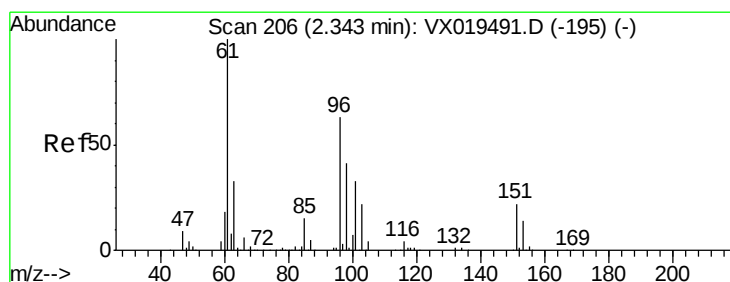
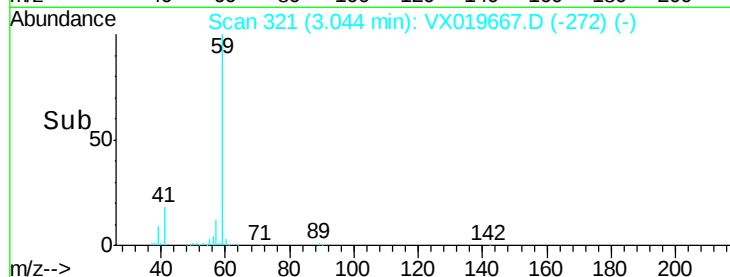
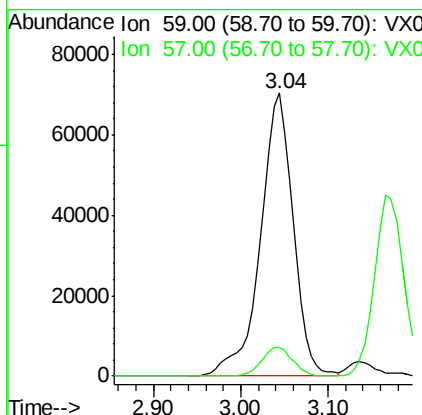
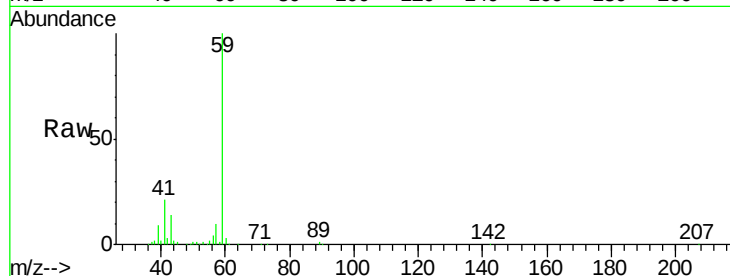
Tert butyl alcohol  
 Concen: 280.919 ug/l  
 RT: 3.04 min Scan# 321  
 Delta R.T. -0.00 min  
 Lab File: VX019667.D  
 Acq: 25 Nov 2020 19:24

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050EC

| Tot Ion   | 59  | Resp  | 183044 |
|-----------|-----|-------|--------|
| Ion Ratio | 100 | Lower | Upper  |
| 57        | 9.7 | 7.9   | 11.9   |

Manual Integrations  
 APPROVED

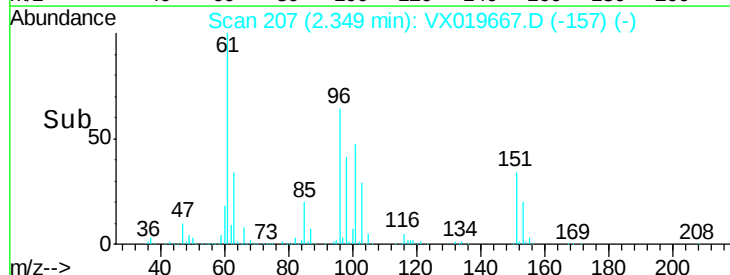
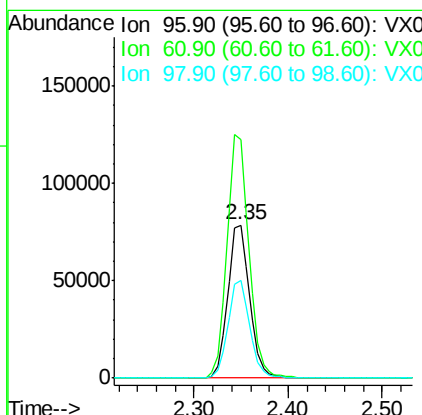
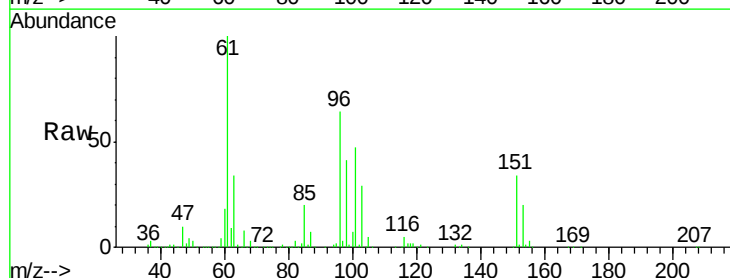
MMDadoda  
 11/30/2020 9:54:05 AM

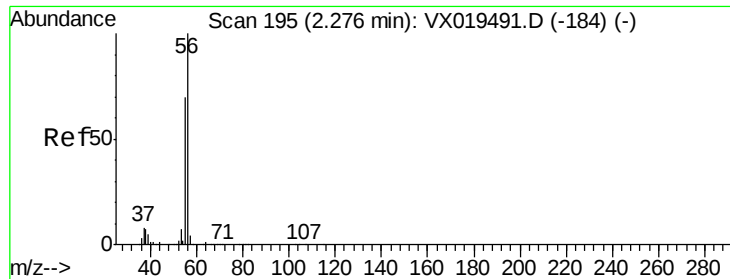


#12

1,1-Dichloroethene  
 Concen: 47.914 ug/l  
 RT: 2.35 min Scan# 207  
 Delta R.T. 0.01 min  
 Lab File: VX019667.D  
 Acq: 25 Nov 2020 19:24

| Tgt Ion   | 96    | Resp  | 126315 |
|-----------|-------|-------|--------|
| Ion Ratio | 100   | Lower | Upper  |
| 61        | 155.9 | 126.0 | 189.0  |
| 98        | 63.6  | 52.0  | 78.0   |





#13

Acrolein

Concen: 202.733 ug/l

RT: 2.28 min Scan# 195

Delta R.T. -0.00 min

Lab File: VX019667.D

Acq: 25 Nov 2020 19:24

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 56 Resp: 88796

Ion Ratio Lower Upper

56 100

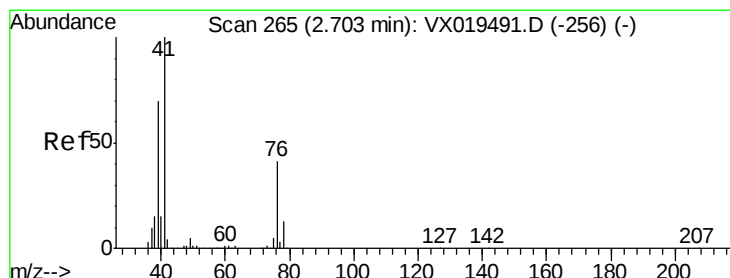
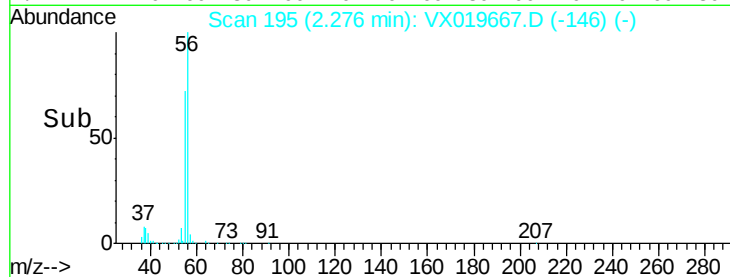
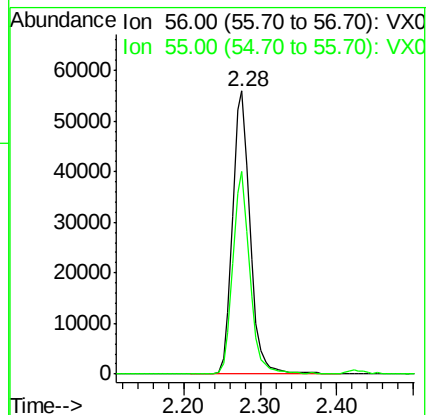
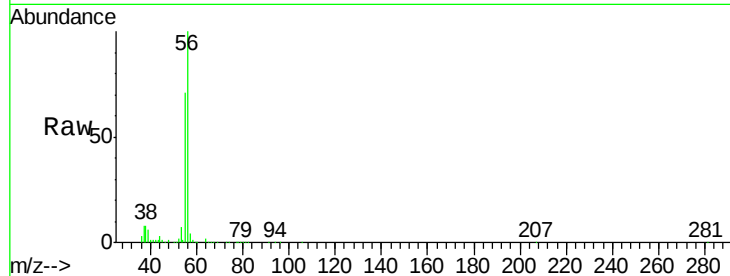
55 68.3 55.5 83.3

Manual Integrations

APPROVED

MMDadoda

11/30/2020 9:54:05 AM



#14

Allyl chloride

Concen: 50.223 ug/l

RT: 2.70 min Scan# 265

Delta R.T. -0.00 min

Lab File: VX019667.D

Acq: 25 Nov 2020 19:24

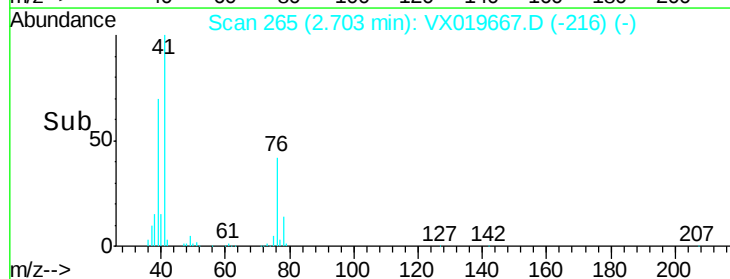
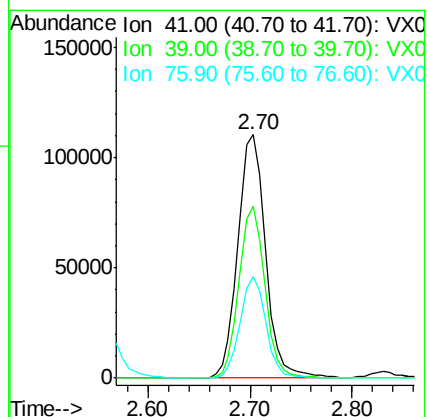
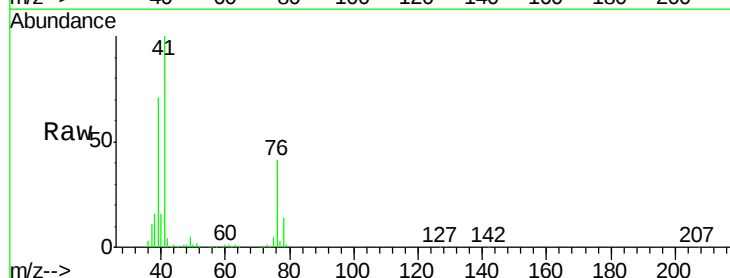
Tgt Ion: 41 Resp: 207420

Ion Ratio Lower Upper

41 100

39 66.2 53.0 79.4

76 38.8 31.0 46.6





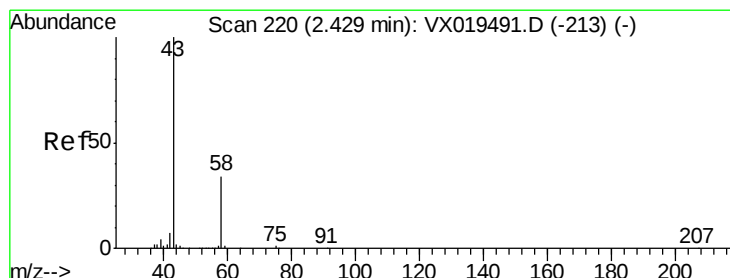
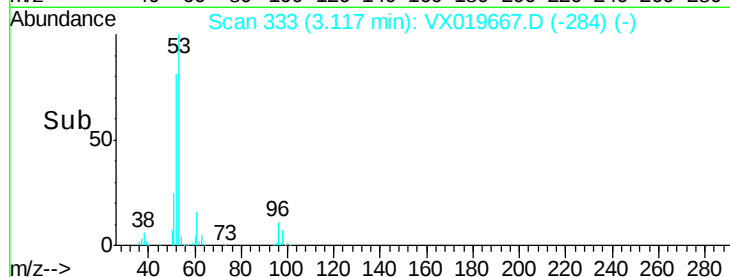
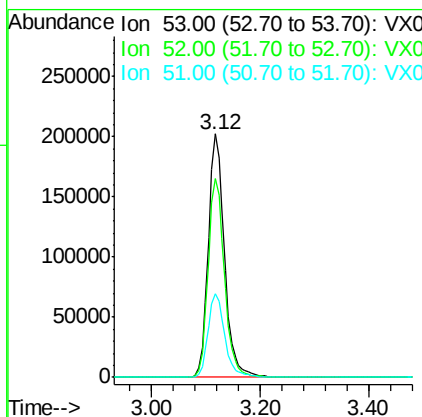
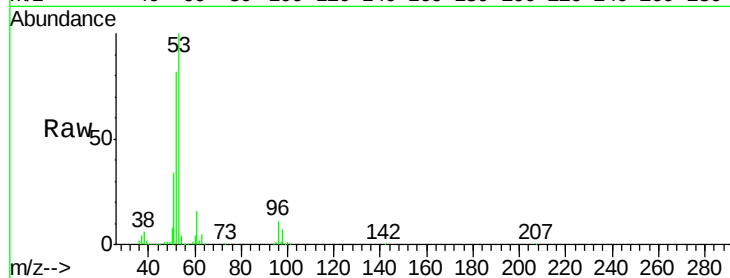
#15  
 Acrylonitrile  
 Concen: 270.153 ug/l  
 RT: 3.12 min Scan# 333  
 Delta R.T. -0.00 min  
 Lab File: VX019667.D  
 Acq: 25 Nov 2020 19:24

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050EC

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 53    | Resp: | 415138 |
| Ion      | Ratio | Lower | Upper  |
| 53       | 100   |       |        |
| 52       | 82.7  | 66.2  | 99.2   |
| 51       | 35.3  | 28.5  | 42.7   |

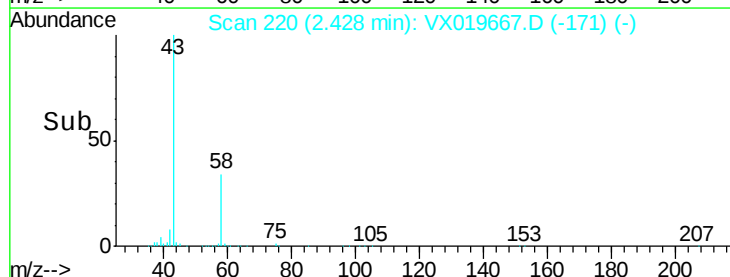
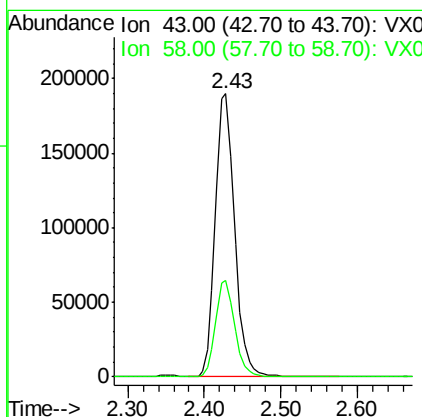
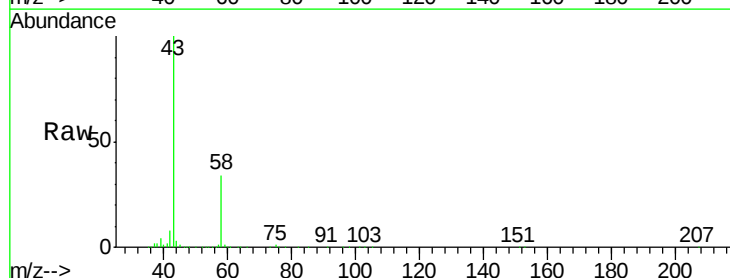
Manual Integrations  
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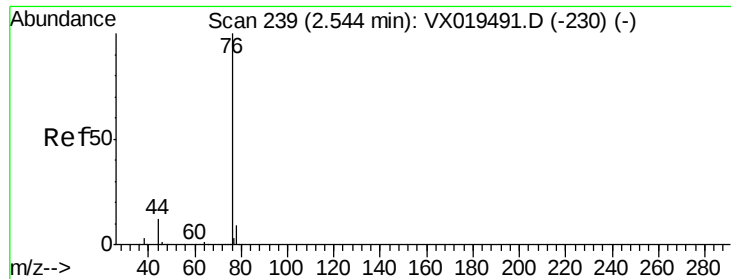
MMDadoda  
 11/30/2020 9:54:05 AM



#16  
 Acetone  
 Concen: 249.195 ug/l  
 RT: 2.43 min Scan# 220  
 Delta R.T. -0.00 min  
 Lab File: VX019667.D  
 Acq: 25 Nov 2020 19:24

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 43    | Resp: | 331796 |
| Ion      | Ratio | Lower | Upper  |
| 43       | 100   |       |        |
| 58       | 34.3  | 27.4  | 41.2   |





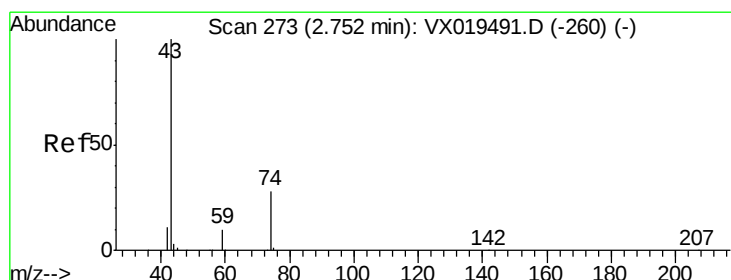
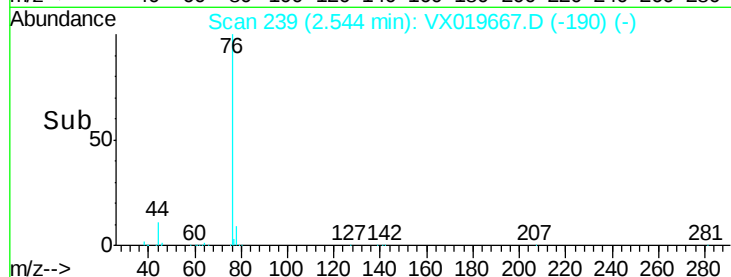
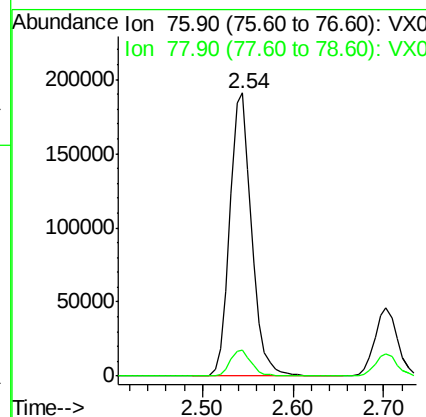
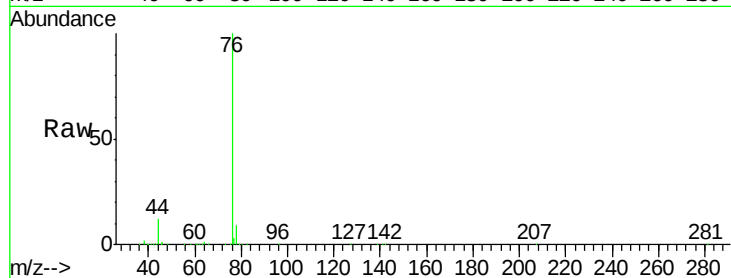
#17  
Carbon Disulfide  
Concen: 44.825 ug/l  
RT: 2.54 min Scan# 239  
Delta R.T. -0.00 min  
Lab File: VX019667.D  
Acq: 25 Nov 2020 19:24

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 76      | 100   |       |       |
| 78      | 9.0   | 7.2   | 10.8  |

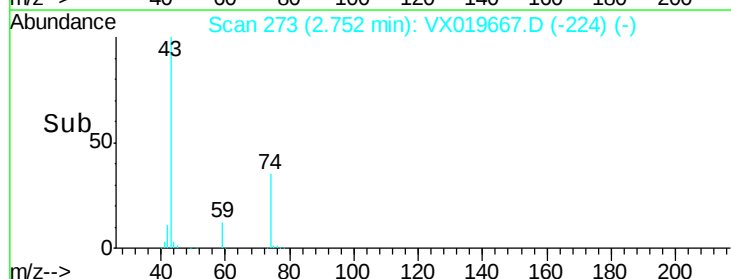
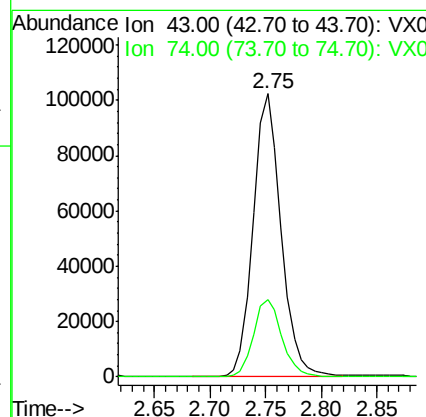
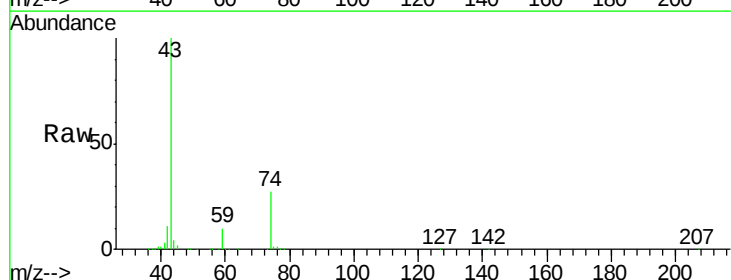
Manual Integrations  
APPROVED

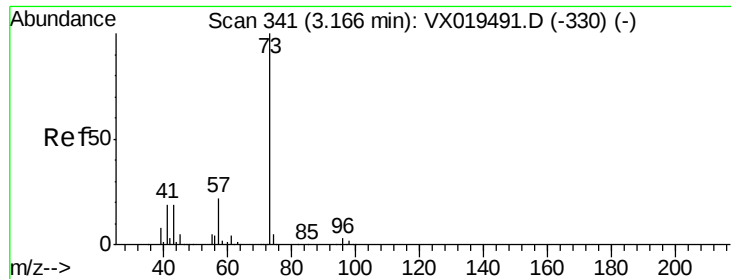
MMDadoda  
11/30/2020 9:54:05 AM



#18  
Methyl Acetate  
Concen: 54.683 ug/l  
RT: 2.75 min Scan# 273  
Delta R.T. 0.00 min  
Lab File: VX019667.D  
Acq: 25 Nov 2020 19:24

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 74      | 28.3  | 22.2  | 33.4  |





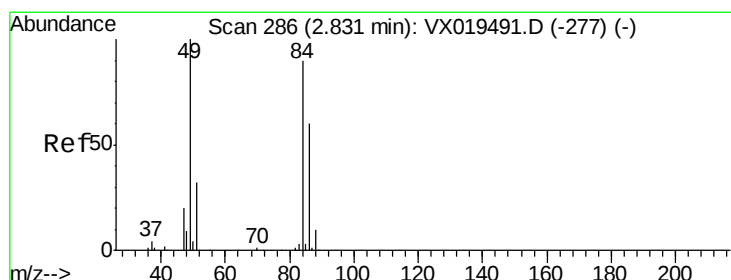
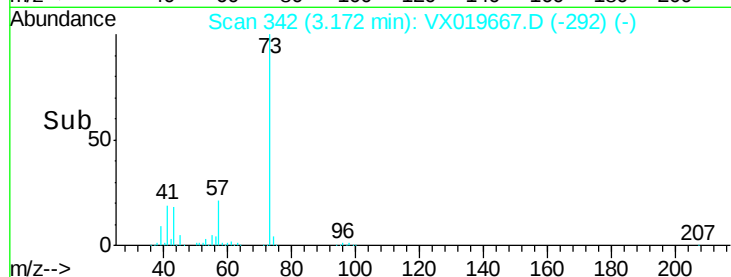
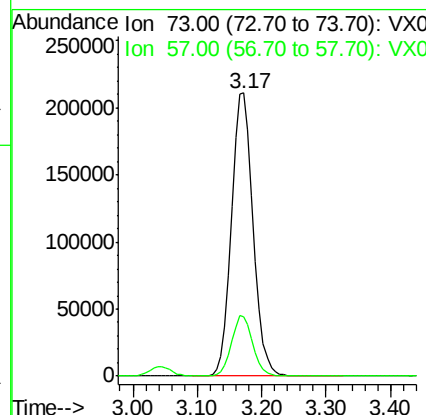
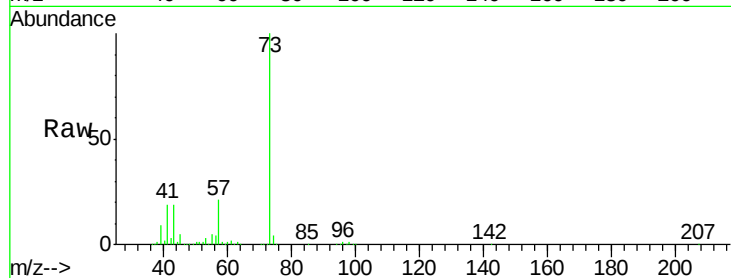
#19  
Methvl tert-butvl Ether  
Concen: 54.912 ug/l  
RT: 3.17 min Scan# 342  
Delta R.T. 0.01 min  
Lab File: VX019667.D  
Acq: 25 Nov 2020 19:24

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 73      | 100   |       |       |
| 57      | 20.9  | 17.3  | 25.9  |

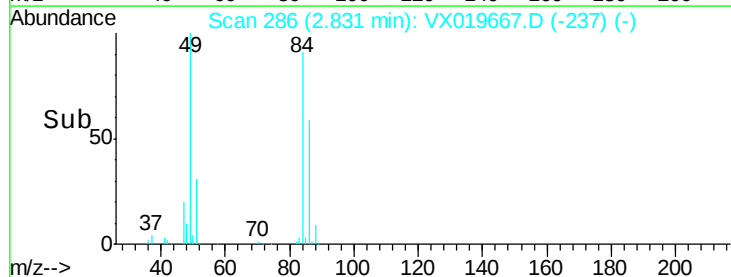
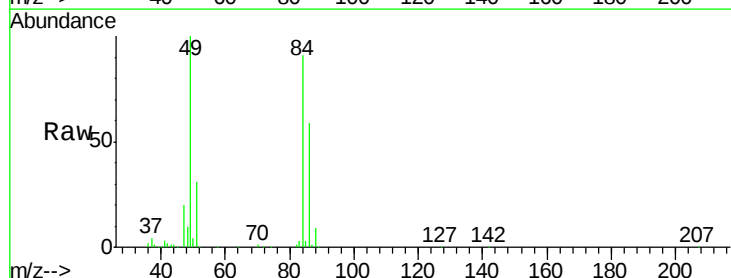
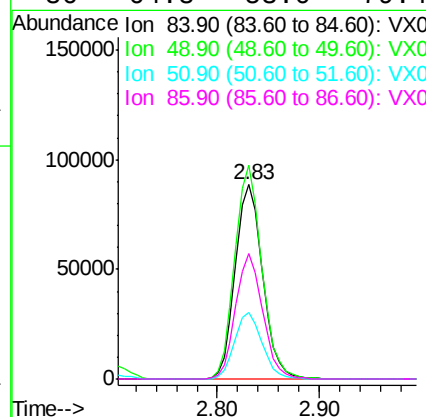
Manual Integrations  
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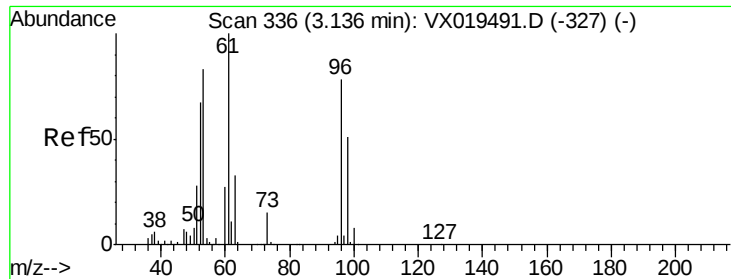
MMDadoda  
11/30/2020 9:54:05 AM



#20  
Methylene Chloride  
Concen: 49.509 ug/l  
RT: 2.83 min Scan# 286  
Delta R.T. -0.00 min  
Lab File: VX019667.D  
Acq: 25 Nov 2020 19:24

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 84      | 100   |       |       |
| 49      | 109.9 | 88.5  | 132.7 |
| 51      | 34.2  | 28.0  | 42.0  |
| 86      | 64.8  | 53.0  | 79.4  |





#21

trans-1,2-Dichloroethene

Concen: 49.842 ug/l

RT: 3.14 min Scan# 336

Delta R.T. -0.00 min

Lab File: VX019667.D

Acq: 25 Nov 2020 19:24

Instrument :

MSVOA\_X

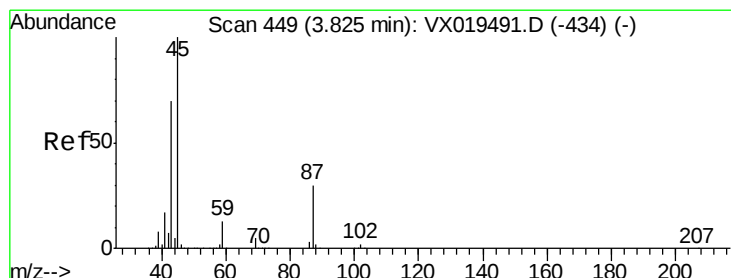
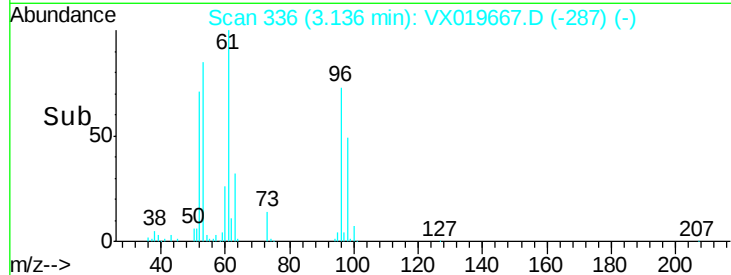
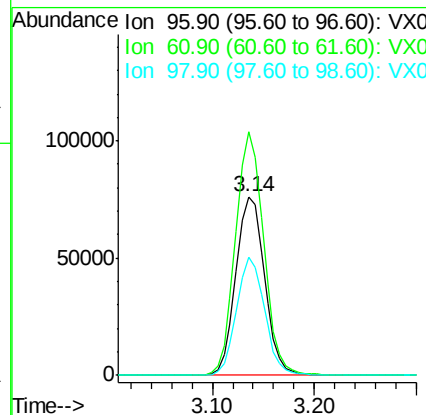
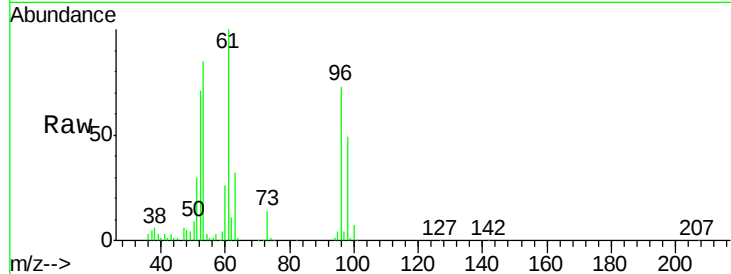
ClientSampleId :

VSTDCCC050EC

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 96    | Resp: | 148874 |
| Ion      | Ratio | Lower | Upper  |
| 96       | 100   |       |        |
| 61       | 136.5 | 102.9 | 154.3  |
| 98       | 66.2  | 52.1  | 78.1   |

Manual Integrations  
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MMDadoda  
11/30/2020 9:54:05 AM



#22

Diisopropyl ether

Concen: 53.879 ug/l

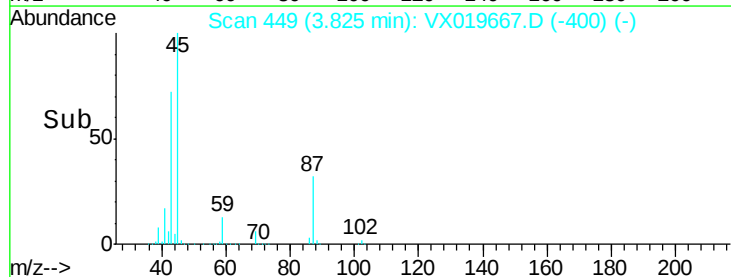
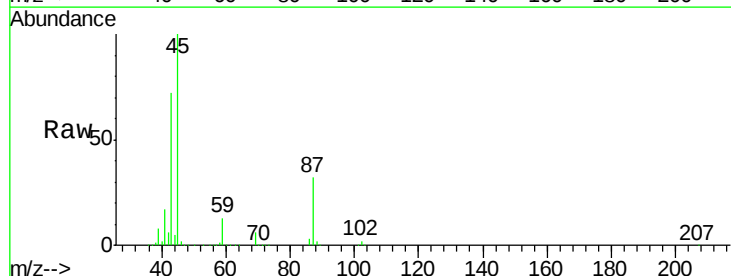
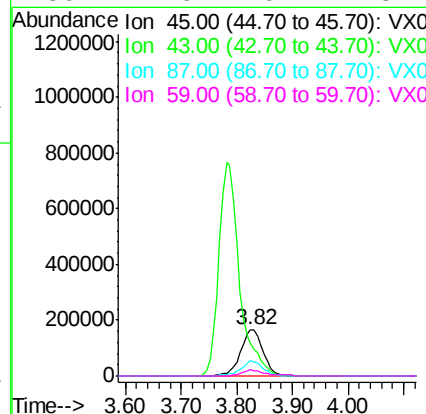
RT: 3.82 min Scan# 449

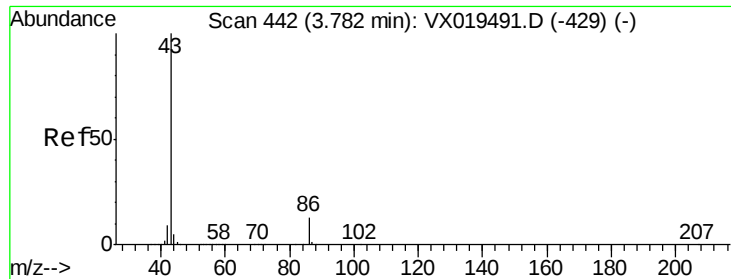
Delta R.T. -0.00 min

Lab File: VX019667.D

Acq: 25 Nov 2020 19:24

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 45    | Resp: | 460327 |
| Ion      | Ratio | Lower | Upper  |
| 45       | 100   |       |        |
| 43       | 71.6  | 56.1  | 84.1   |
| 87       | 32.2  | 24.2  | 36.2   |
| 59       | 12.6  | 10.2  | 15.2   |





#23

Vinyl Acetate

Concen: 276.080 ug/l

RT: 3.78 min Scan# 442

Delta R.T. -0.00 min

Lab File: VX019667.D

Acq: 25 Nov 2020 19:24

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 1978467

Ion Ratio Lower Upper

43 100

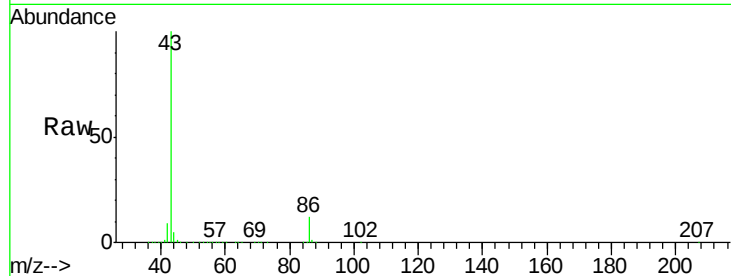
86 12.3 10.2 15.2

Manual Integrations

APPROVED

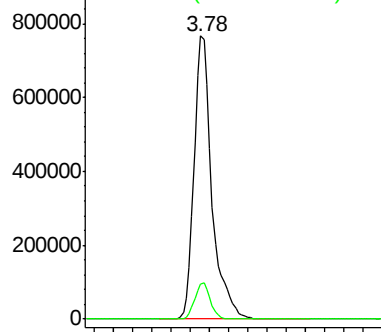
MMDadoda

11/30/2020 9:54:05 AM

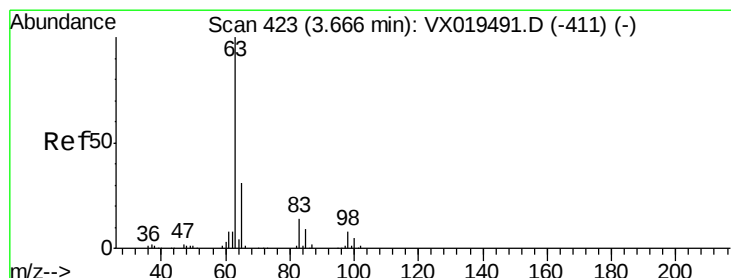
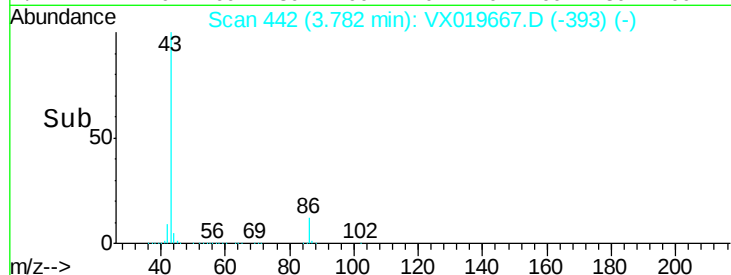


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



Time-->



#24

1,1-Dichloroethane

Concen: 52.614 ug/l

RT: 3.67 min Scan# 423

Delta R.T. -0.00 min

Lab File: VX019667.D

Acq: 25 Nov 2020 19:24

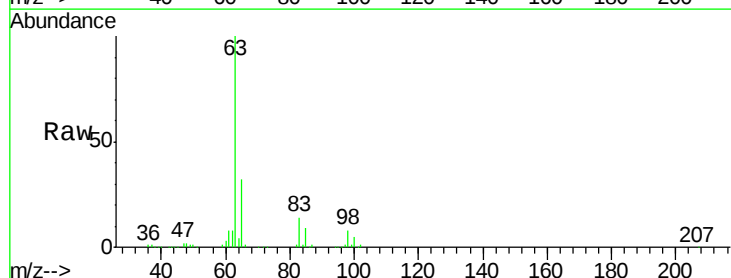
Tgt Ion: 63 Resp: 274946

Ion Ratio Lower Upper

63 100

98 7.5 3.9 11.7

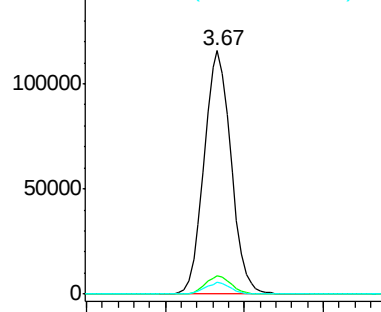
100 4.6 2.4 7.1



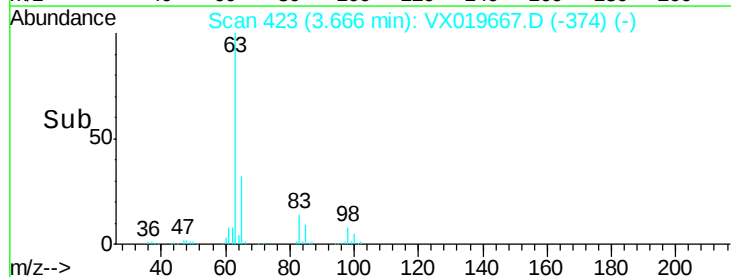
Abundance Ion 62.90 (62.60 to 63.60): VX0

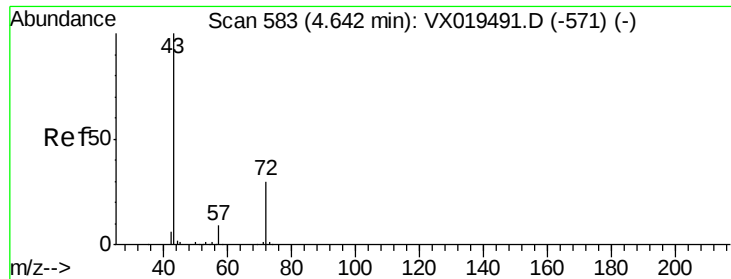
Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0



Time-->





#25

2-Butanone

Concen: 264.504 ug/l

RT: 4.64 min Scan# 583

Delta R.T. -0.00 min

Lab File: VX019667.D

Acq: 25 Nov 2020 19:24

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 529040

Ion Ratio Lower Upper

43 100

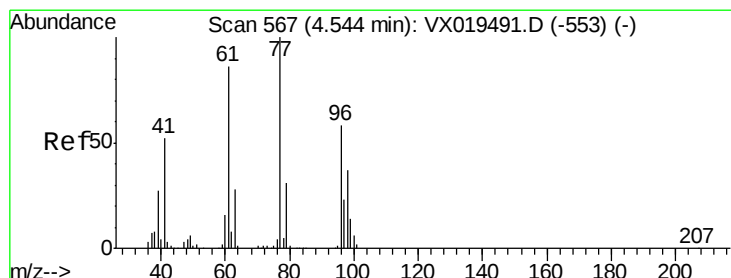
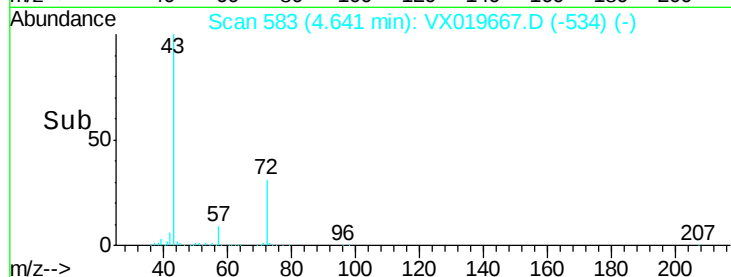
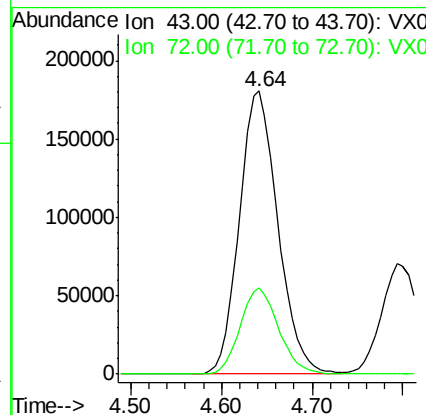
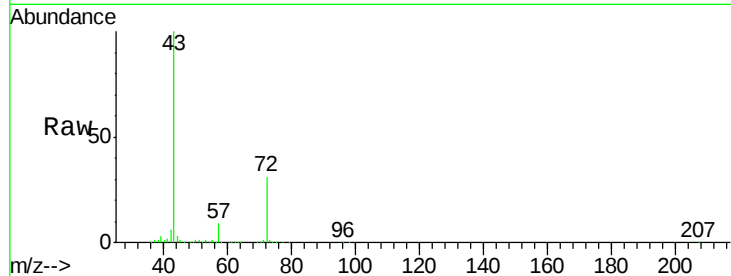
72 30.4 24.0 36.0

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 45.660 ug/l

RT: 4.55 min Scan# 568

Delta R.T. 0.01 min

Lab File: VX019667.D

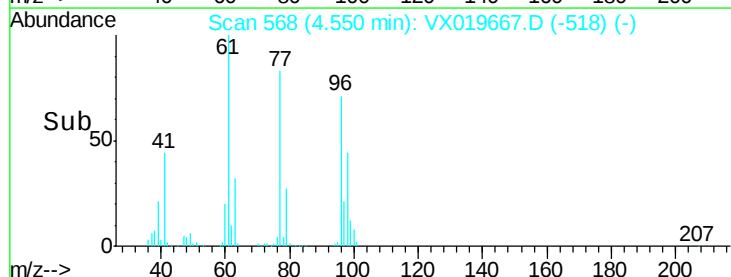
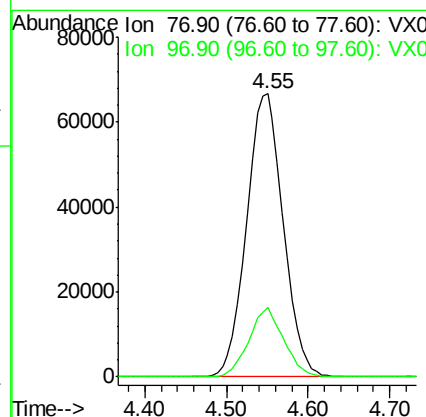
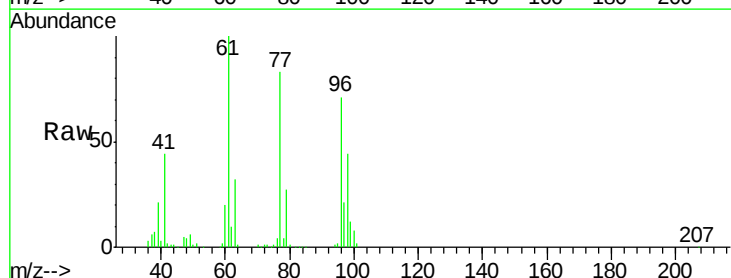
Acq: 25 Nov 2020 19:24

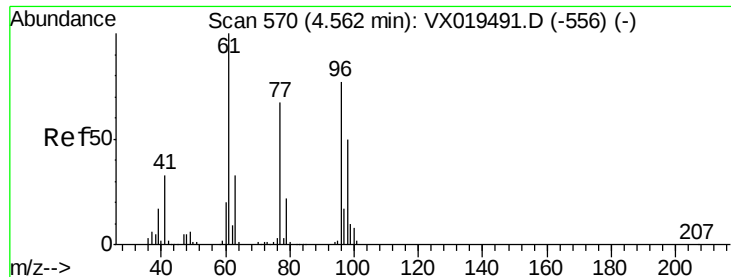
Tgt Ion: 77 Resp: 208271

Ion Ratio Lower Upper

77 100

97 23.3 11.6 34.8





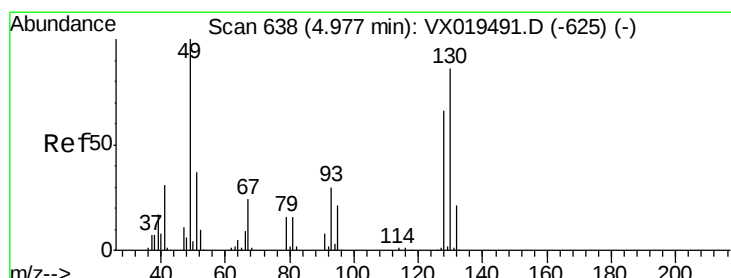
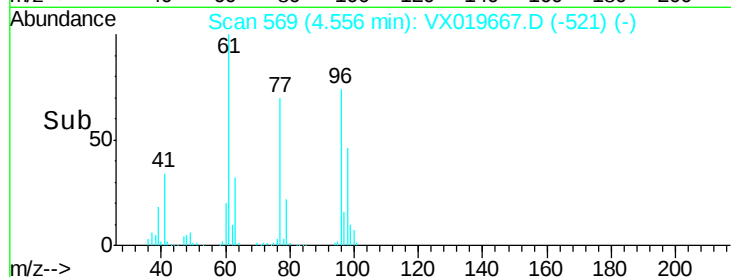
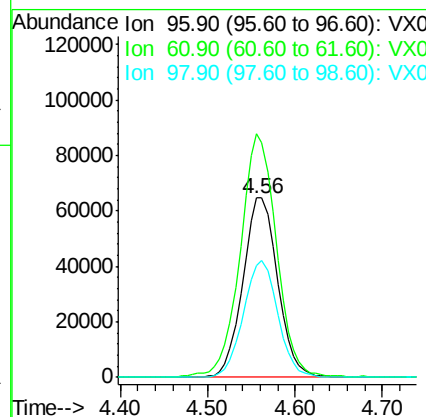
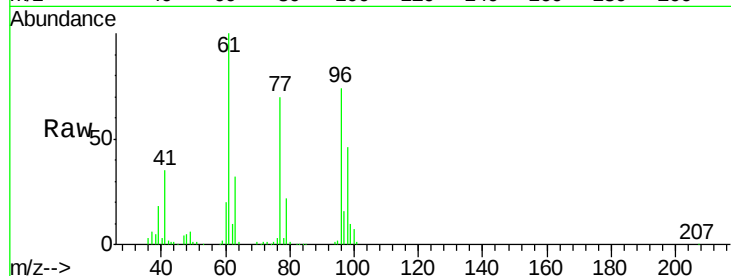
#27  
 cis-1,2-Dichloroethene  
 Concen: 52.329 ug/l  
 RT: 4.56 min Scan# 569  
 Delta R.T. -0.01 min  
 Lab File: VX019667.D  
 Acq: 25 Nov 2020 19:24

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050EC

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 96      | 100   | 179542 |       |       |
| 61      | 141.1 | 0.0    | 279.2 |       |
| 98      | 64.2  | 0.0    | 129.8 |       |

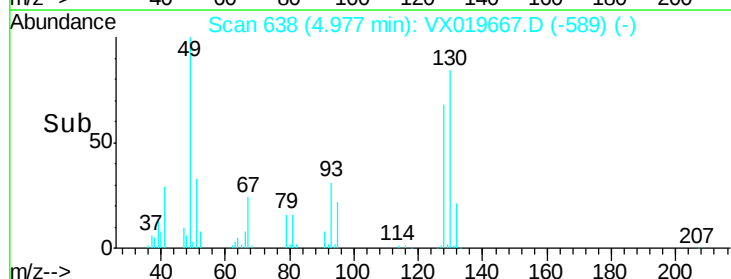
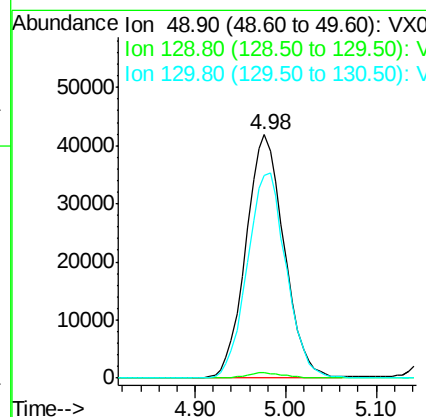
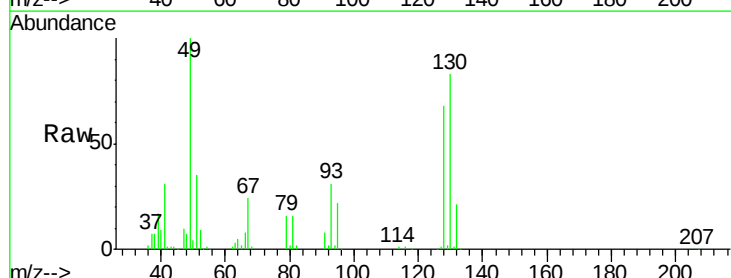
Manual Integrations  
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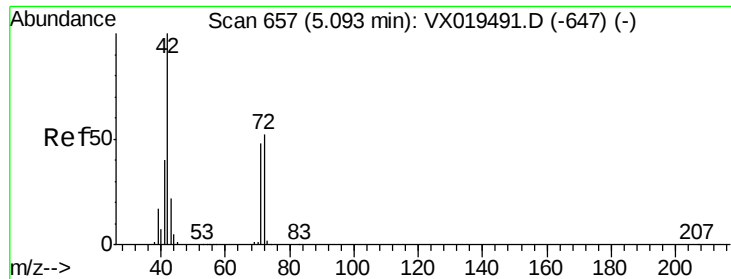
MMDadoda  
 11/30/2020 9:54:05 AM



#28  
 Bromochloromethane  
 Concen: 48.991 ug/l  
 RT: 4.98 min Scan# 638  
 Delta R.T. -0.00 min  
 Lab File: VX019667.D  
 Acq: 25 Nov 2020 19:24

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 49      | 100   | 122401 |       |       |
| 129     | 2.1   | 0.0    | 4.2   |       |
| 130     | 86.1  | 69.0   | 103.6 |       |





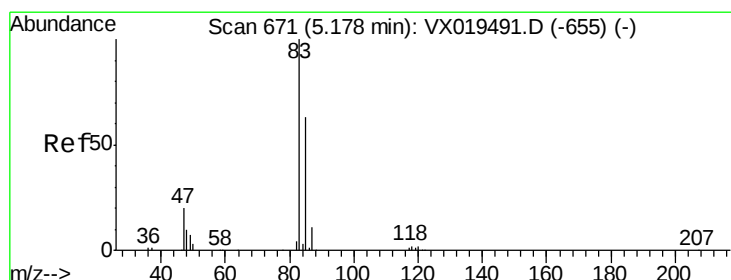
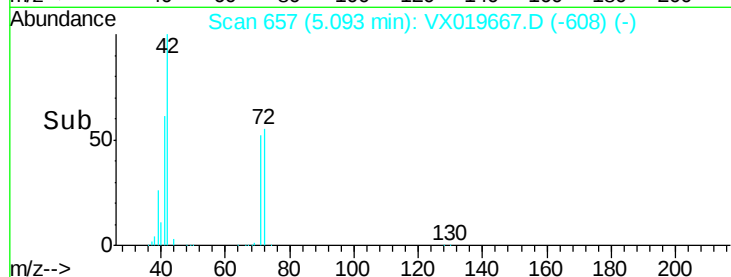
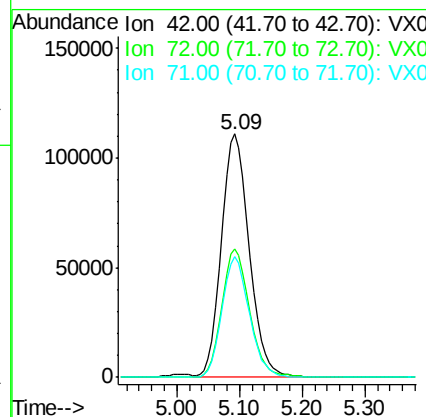
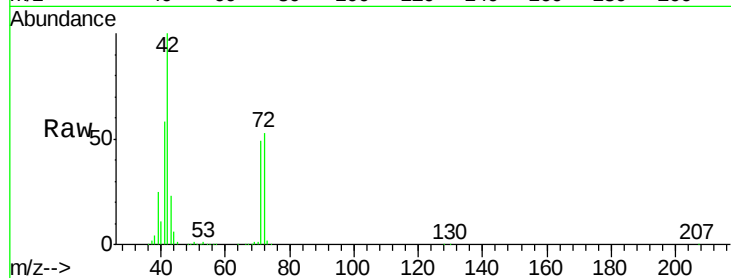
#29  
Tetrahydrofuran  
Concen: 266.446 ug/l  
RT: 5.09 min Scan# 657  
Delta R.T. -0.00 min  
Lab File: VX019667.D  
Acq: 25 Nov 2020 19:24

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 42      | 100   |       |       |
| 72      | 52.8  | 42.6  | 63.8  |
| 71      | 49.0  | 39.0  | 58.6  |

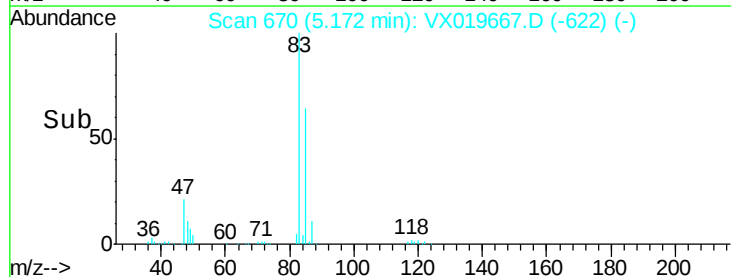
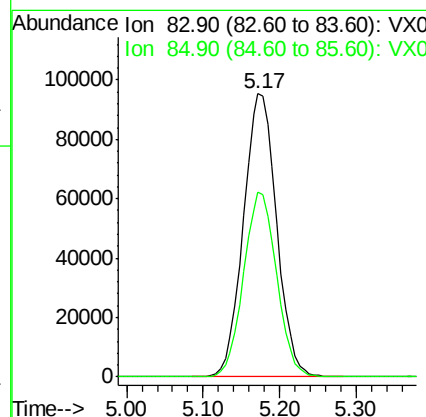
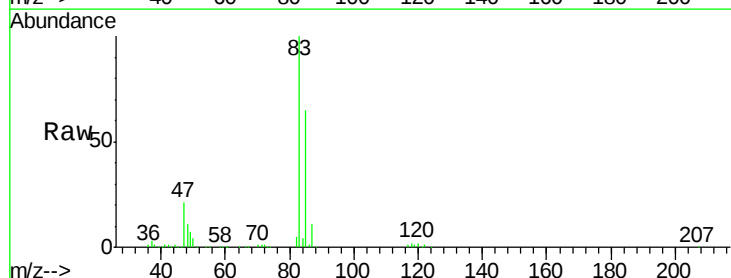
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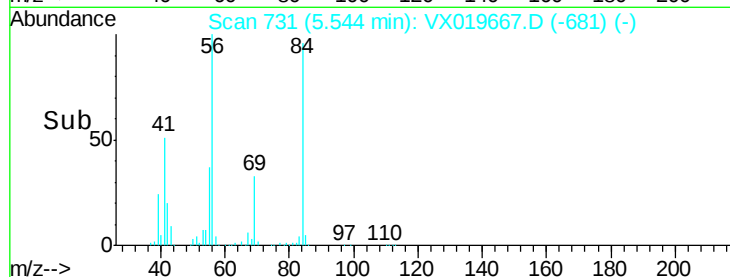
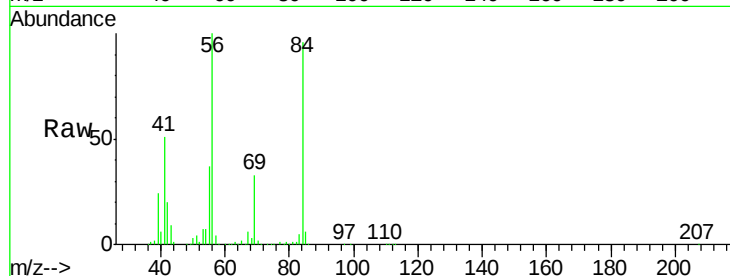
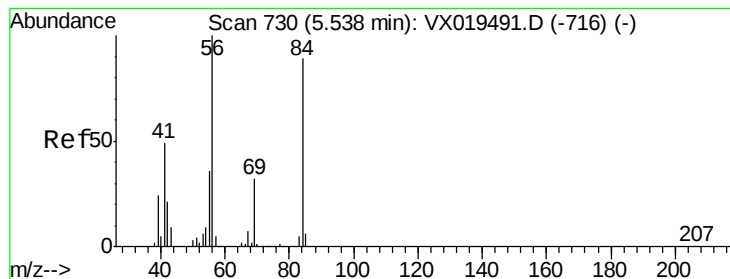
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#30  
Chloroform  
Concen: 52.602 ug/l  
RT: 5.17 min Scan# 670  
Delta R.T. -0.01 min  
Lab File: VX019667.D  
Acq: 25 Nov 2020 19:24

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 83      | 100   |       |       |
| 85      | 65.1  | 50.5  | 75.7  |





#31

Cyclohexane

Concen: 49.845 ug/l

RT: 5.54 min Scan# 731

Delta R.T. 0.01 min

Lab File: VX019667.D

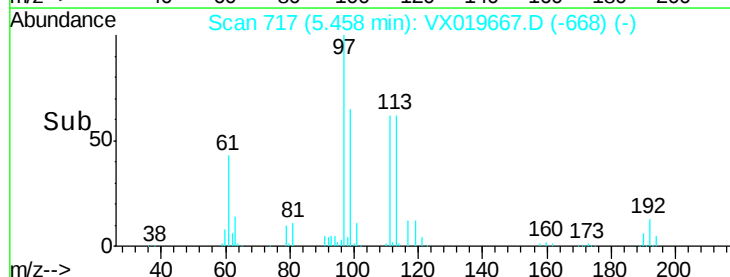
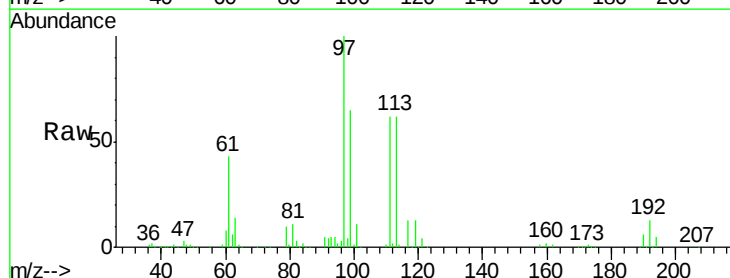
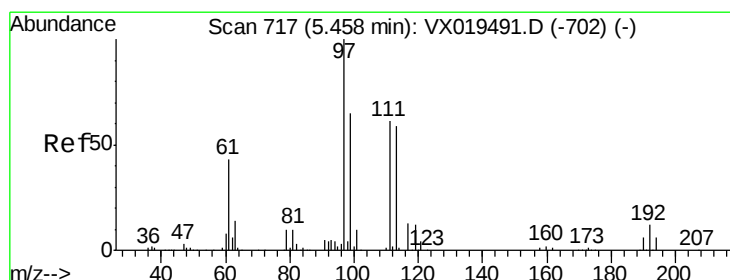
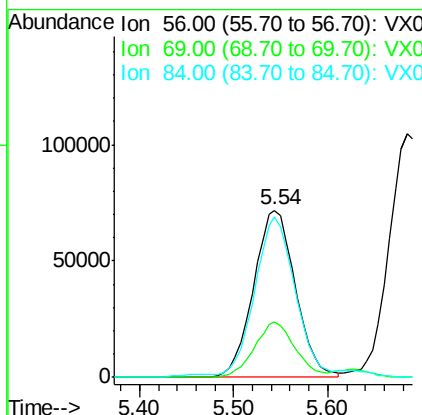
Acq: 25 Nov 2020 19:24

| Tot Ion   | 56    | Resp  | 223207 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 56        | 100   |       |        |
| 69        | 32.9  | 25.5  | 38.3   |
| 84        | 94.7  | 71.1  | 106.7  |

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

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#32

1,1,1-Trichloroethane

Concen: 52.528 ug/l

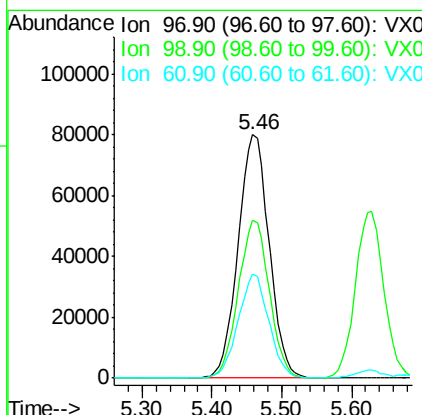
RT: 5.46 min Scan# 717

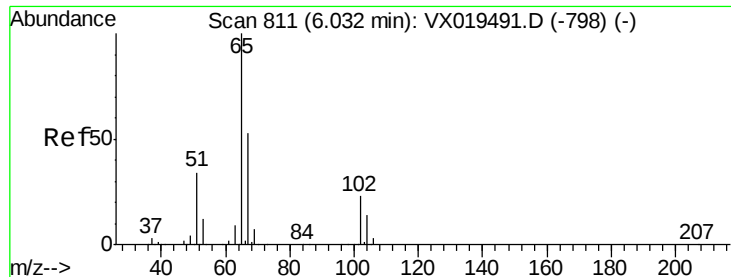
Delta R.T. -0.00 min

Lab File: VX019667.D

Acq: 25 Nov 2020 19:24

| Tgt Ion   | 97    | Resp  | 246557 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 97        | 100   |       |        |
| 99        | 64.7  | 51.4  | 77.0   |
| 61        | 42.3  | 34.2  | 51.2   |





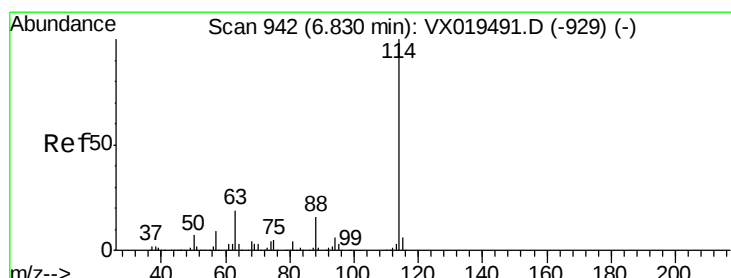
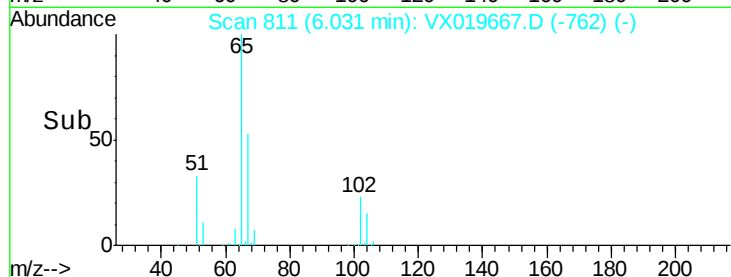
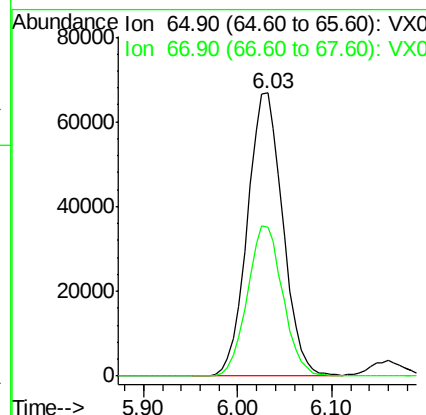
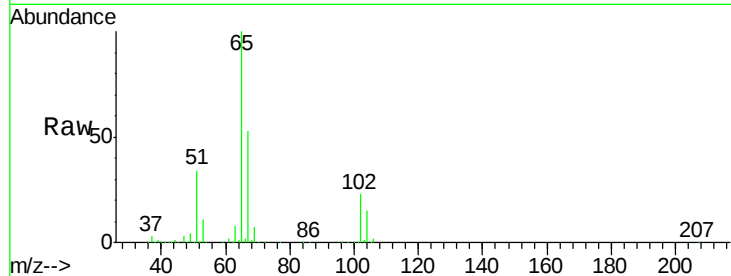
#33  
 1,2-Dichloroethane-d4  
 Concen: 51.197 ug/l  
 RT: 6.03 min Scan# 811  
 Delta R.T. -0.00 min  
 Lab File: VX019667.D  
 Acq: 25 Nov 2020 19:24

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050EC

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 65      | 100   | 176273 |       |       |
| 67      | 53.3  | 0.0    | 105.0 |       |

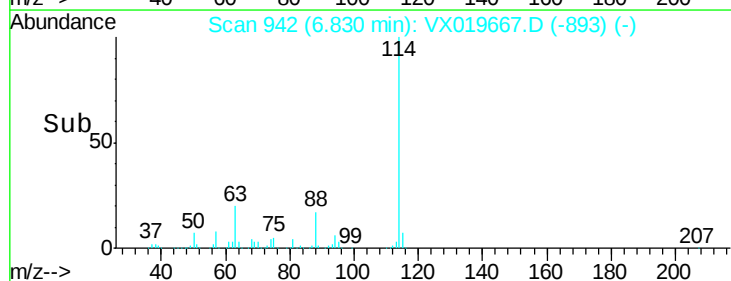
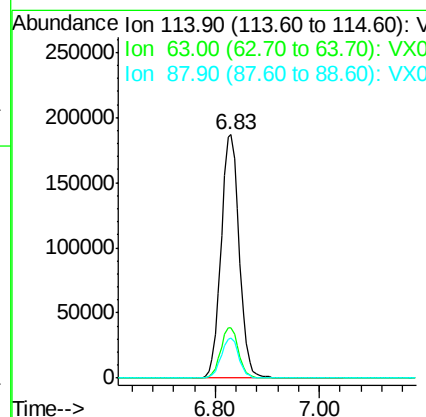
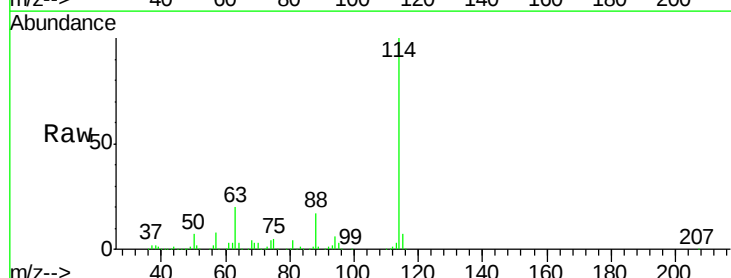
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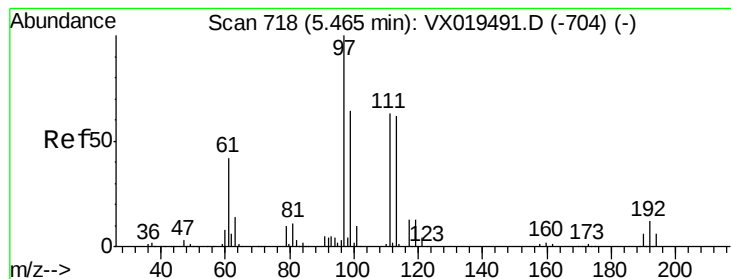
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 11/30/2020 9:54:05 AM



#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 6.83 min Scan# 942  
 Delta R.T. -0.00 min  
 Lab File: VX019667.D  
 Acq: 25 Nov 2020 19:24

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 114     | 100   | 457299 |       |       |
| 63      | 20.4  | 0.0    | 38.8  |       |
| 88      | 16.6  | 0.0    | 31.6  |       |





#35

Dibromofluoromethane

Concen: 49.434 ug/l

RT: 5.46 min Scan# 717

Delta R.T. -0.01 min

Lab File: VX019667.D

Acq: 25 Nov 2020 19:24

Instrument :

MSVOA\_X

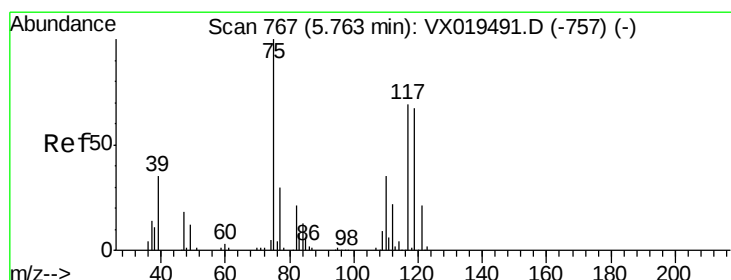
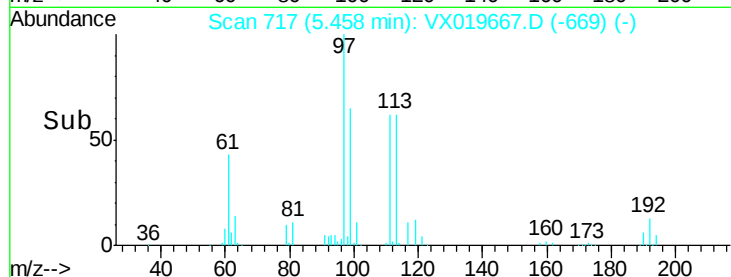
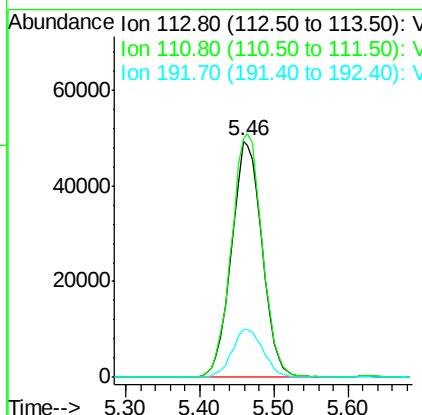
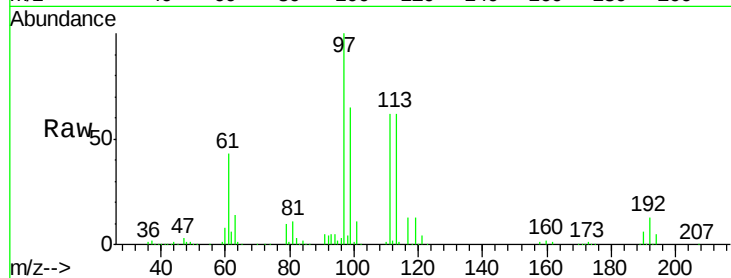
ClientSampleId :

VSTDCCC050EC

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 113   | Resp: | 141900 |
| Ion Ratio | Lower | Upper |        |
| 113       | 100   |       |        |
| 111       | 104.4 | 81.5  | 122.3  |
| 192       | 20.7  | 16.2  | 24.2   |

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11/30/2020 9:54:05 AM



#36

1,1-Dichloropropene

Concen: 47.736 ug/l

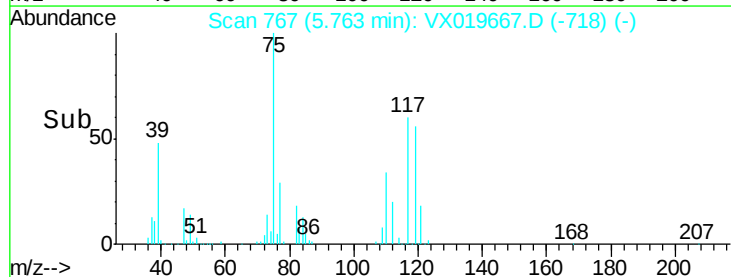
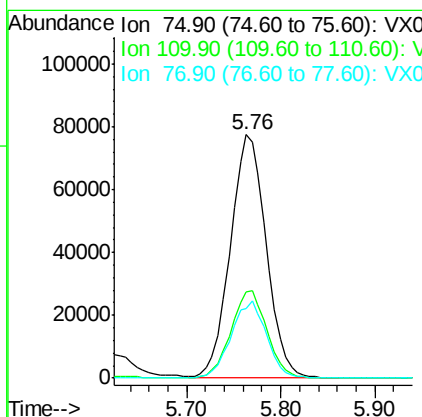
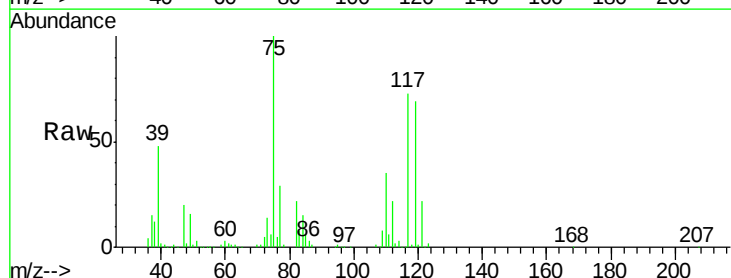
RT: 5.76 min Scan# 767

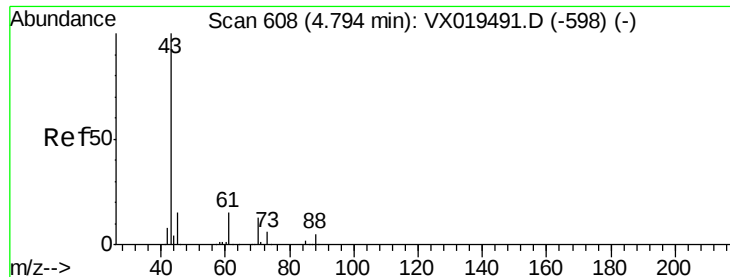
Delta R.T. -0.00 min

Lab File: VX019667.D

Acq: 25 Nov 2020 19:24

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 75    | Resp: | 204653 |
| Ion Ratio | Lower | Upper |        |
| 75        | 100   |       |        |
| 110       | 36.1  | 18.1  | 54.3   |
| 77        | 31.3  | 24.2  | 36.4   |





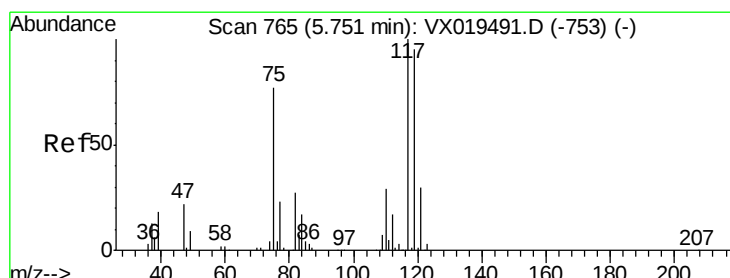
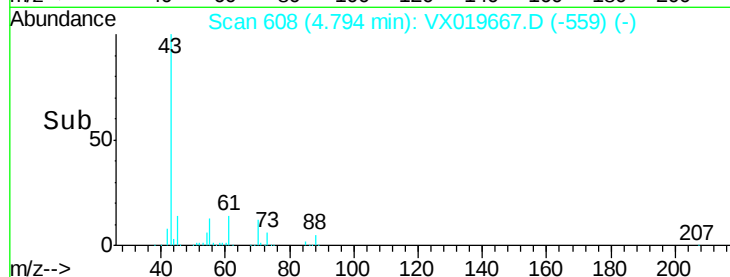
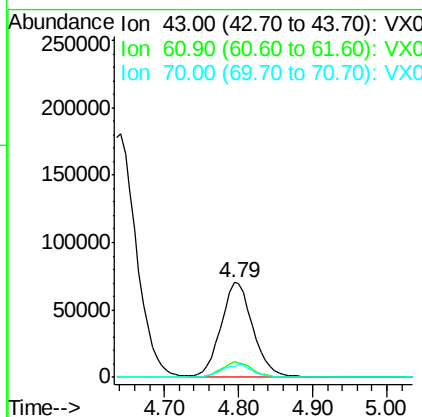
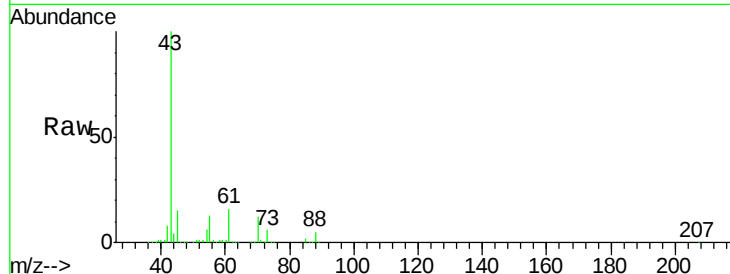
#37  
Ethyl Acetate  
Concen: 51.988 ug/l  
RT: 4.79 min Scan# 608  
Delta R.T. -0.00 min  
Lab File: VX019667.D  
Acq: 25 Nov 2020 19:24

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 61      | 15.7  | 12.7  | 19.1  |
| 70      | 13.0  | 10.2  | 15.2  |

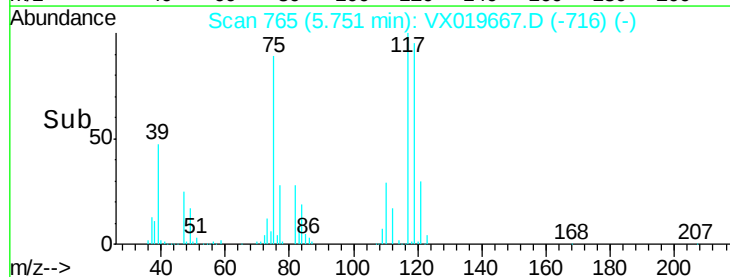
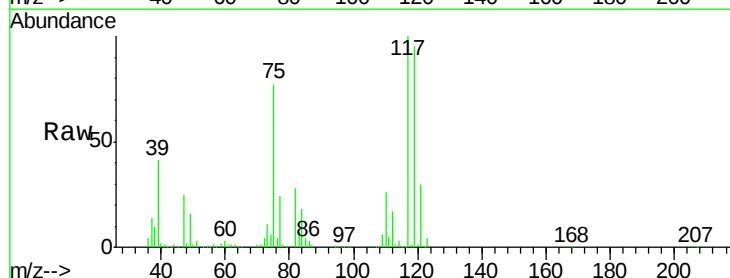
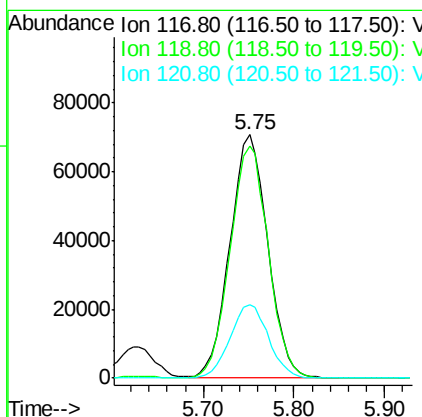
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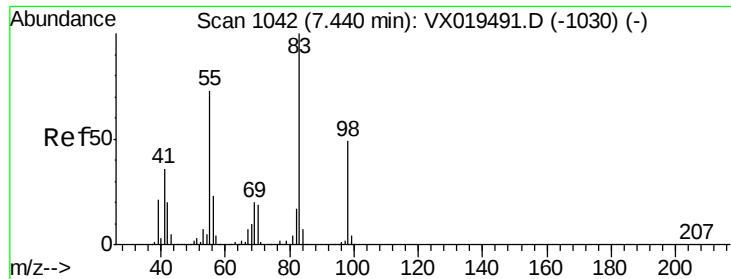
MMDadoda  
11/30/2020 9:54:05 AM



#38  
Carbon Tetrachloride  
Concen: 49.207 ug/l  
RT: 5.75 min Scan# 765  
Delta R.T. -0.00 min  
Lab File: VX019667.D  
Acq: 25 Nov 2020 19:24

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 119     | 95.0  | 75.9  | 113.9 |
| 121     | 30.0  | 24.0  | 36.0  |





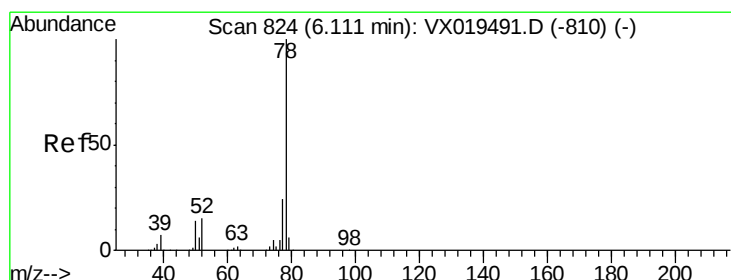
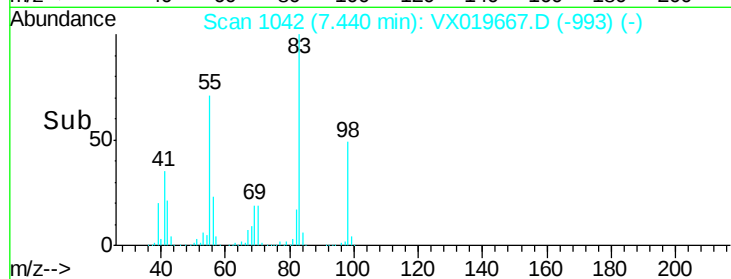
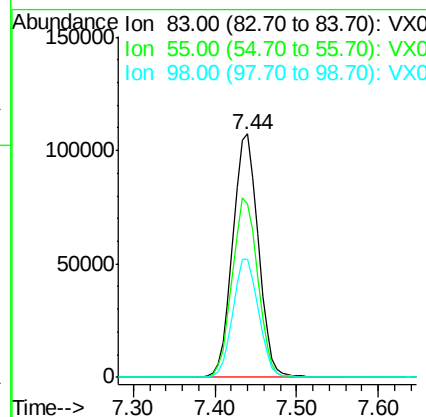
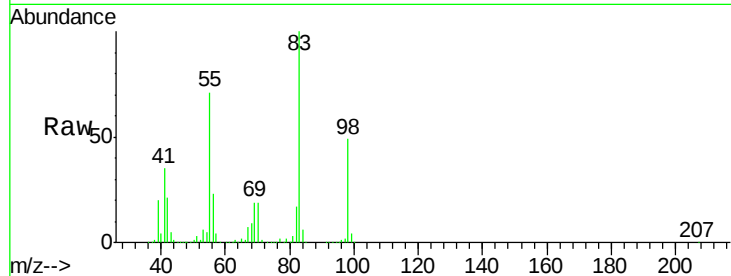
#39  
Methvlcvclohexane  
Concen: 46.411 ug/l  
RT: 7.44 min Scan# 1042  
Delta R.T. -0.00 min  
Lab File: VX019667.D  
Acq: 25 Nov 2020 19:24

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 83      | 100   | 231675 |       |       |
| 55      | 71.2  |        | 58.3  | 87.5  |
| 98      | 48.7  |        | 38.9  | 58.3  |

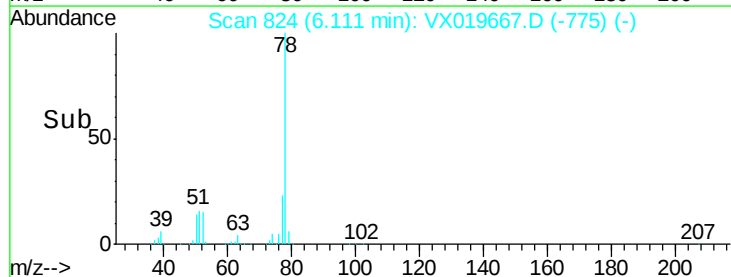
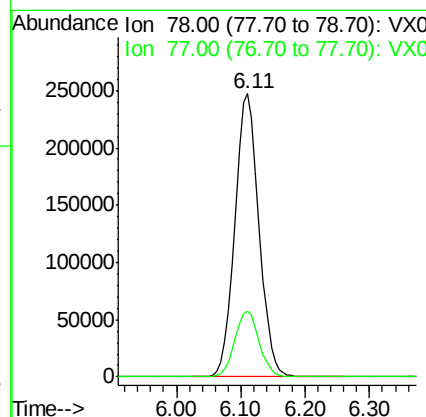
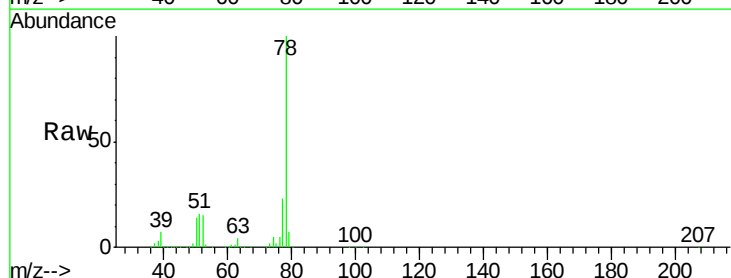
Manual Integrations  
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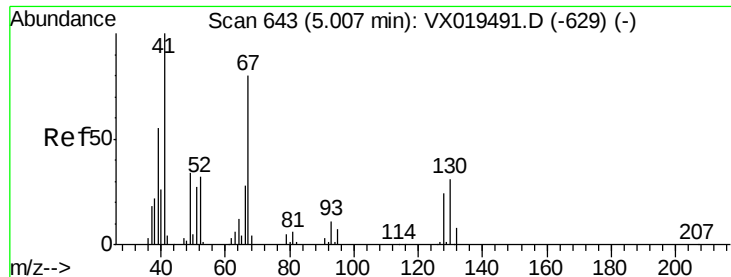
MMDadoda  
11/30/2020 9:54:05 AM



#40  
Benzene  
Concen: 49.185 ug/l  
RT: 6.11 min Scan# 824  
Delta R.T. -0.00 min  
Lab File: VX019667.D  
Acq: 25 Nov 2020 19:24

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 78      | 100   | 647878 |       |       |
| 77      | 23.1  |        | 18.9  | 28.3  |





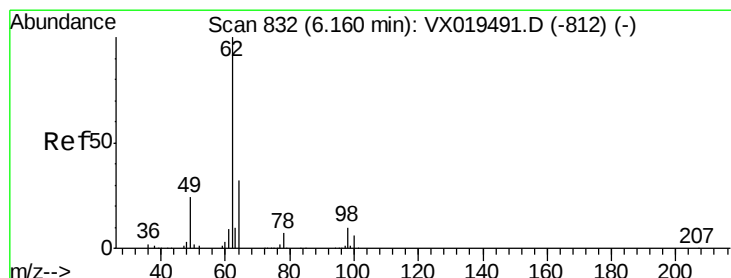
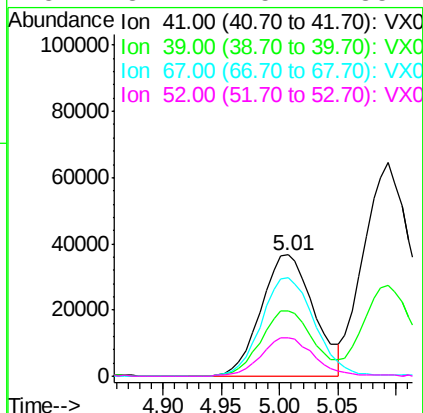
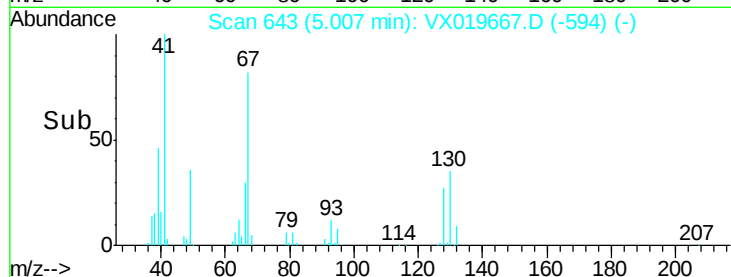
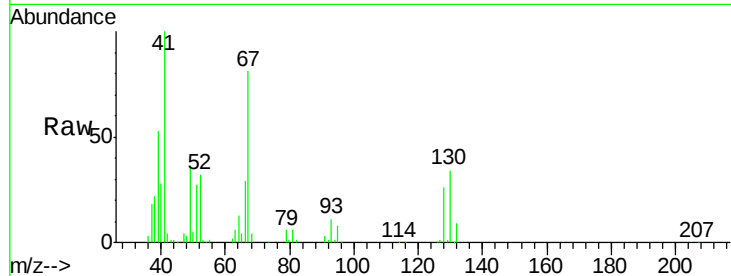
#41  
Methacrylonitrile  
Concen: 51.912 ug/l  
RT: 5.01 min Scan# 643  
Delta R.T. -0.00 min  
Lab File: VX019667.D  
Acq: 25 Nov 2020 19:24

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

| Tot Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 41      | 100  |       | 115217 |       |       |
| 39      | 53.6 | 43.3  | 64.9   |       |       |
| 67      | 82.8 | 66.0  | 99.0   |       |       |
| 52      | 31.7 | 25.4  | 38.2   |       |       |

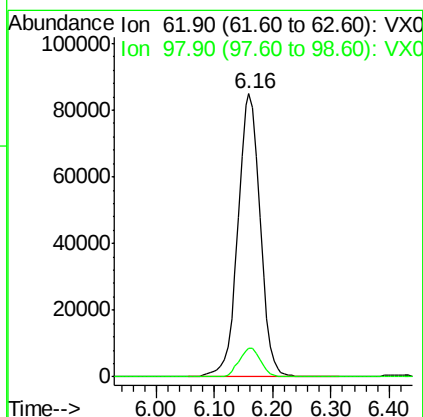
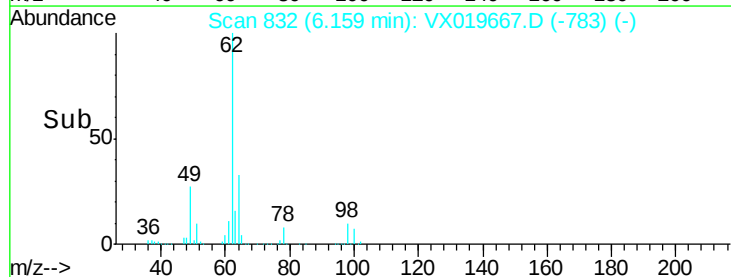
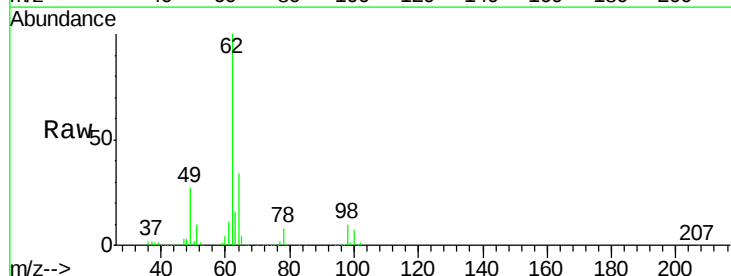
Manual Integrations  
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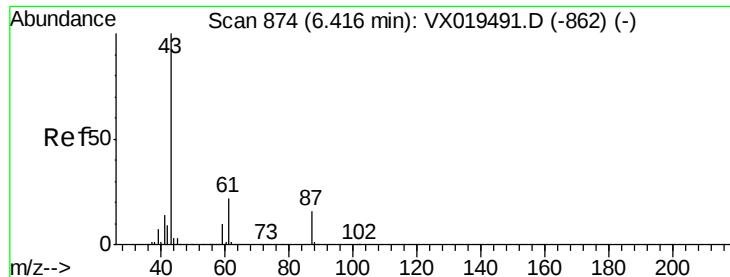
MMDadoda  
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#42  
1,2-Dichloroethane  
Concen: 49.891 ug/l  
RT: 6.16 min Scan# 832  
Delta R.T. -0.00 min  
Lab File: VX019667.D  
Acq: 25 Nov 2020 19:24

| Tgt Ion | Ion | Ratio | Resp   | Lower | Upper |
|---------|-----|-------|--------|-------|-------|
| 62      | 100 |       | 225252 |       |       |
| 98      | 9.9 | 0.0   | 20.0   |       |       |





#43

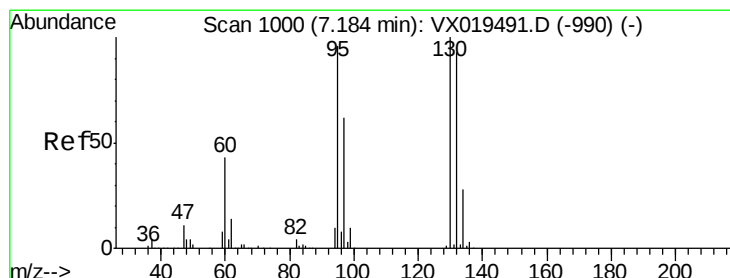
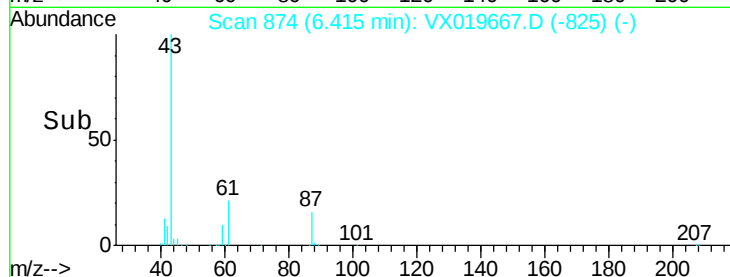
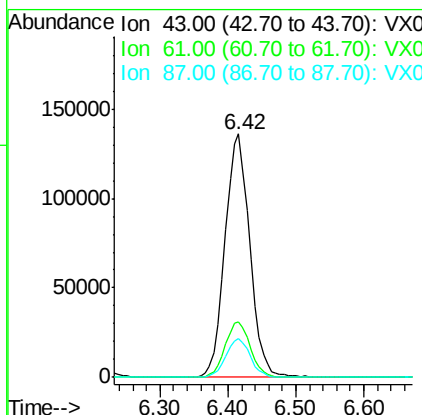
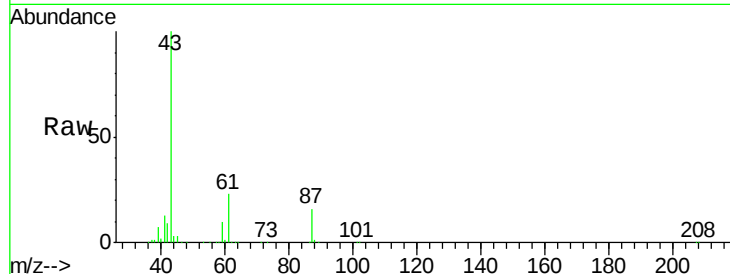
Isopropyl Acetate  
 Concen: 50.563 ug/l  
 RT: 6.42 min Scan# 874  
 Delta R.T. -0.00 min  
 Lab File: VX019667.D  
 Acq: 25 Nov 2020 19:24

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050EC

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 61      | 23.2  | 18.2  | 27.2  |
| 87      | 15.8  | 12.6  | 18.8  |

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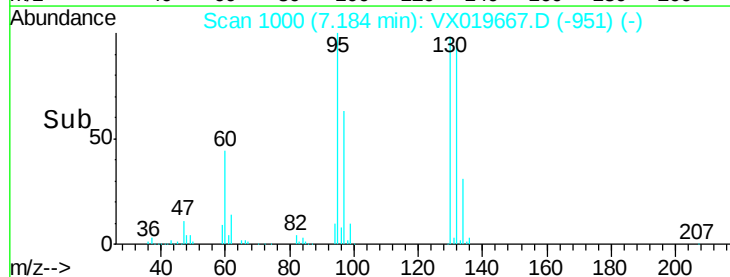
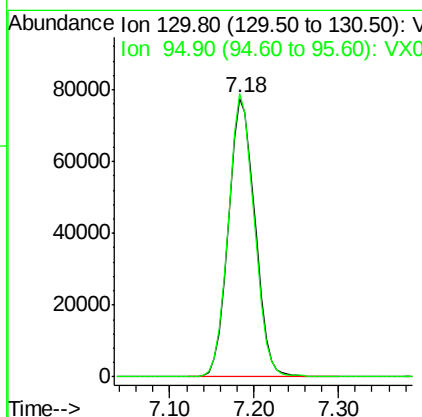
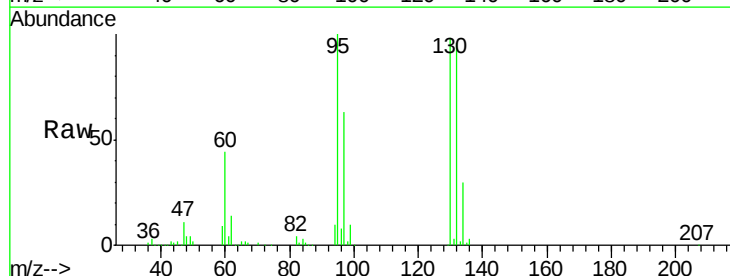
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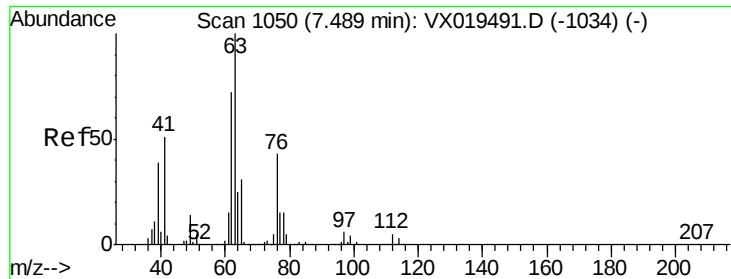


#44

Trichloroethene  
 Concen: 48.028 ug/l  
 RT: 7.18 min Scan# 1000  
 Delta R.T. -0.00 min  
 Lab File: VX019667.D  
 Acq: 25 Nov 2020 19:24

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 130     | 100   |       |       |
| 95      | 101.7 | 0.0   | 191.2 |





#45

1,2-Dichloropropane

Concen: 50.706 ug/l

RT: 7.49 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VX019667.D

Acq: 25 Nov 2020 19:24

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 63 Resp: 164428

Ion Ratio Lower Upper

63 100

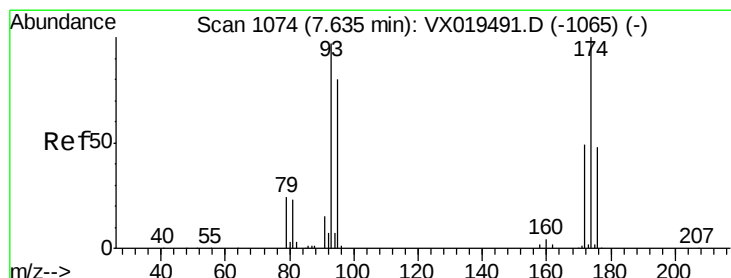
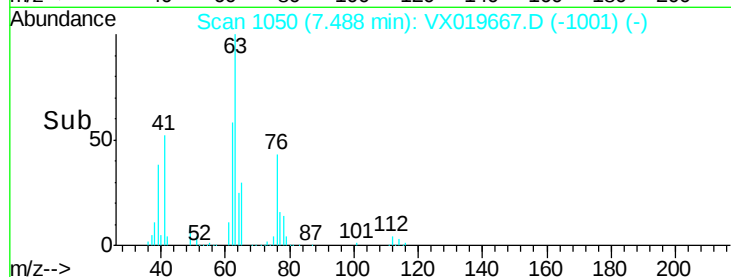
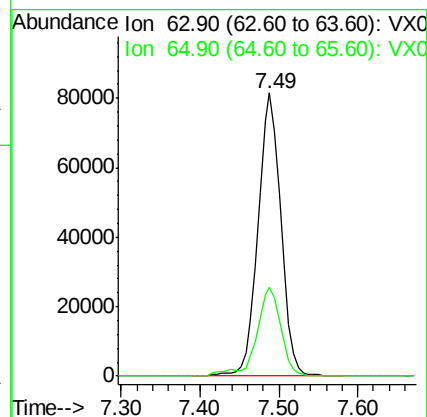
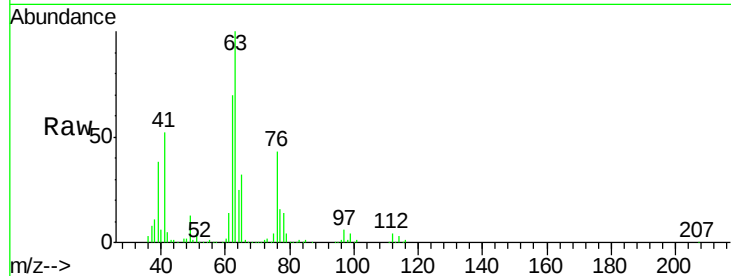
65 31.6 25.0 37.4

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#46

Dibromomethane

Concen: 50.097 ug/l

RT: 7.63 min Scan# 1074

Delta R.T. -0.00 min

Lab File: VX019667.D

Acq: 25 Nov 2020 19:24

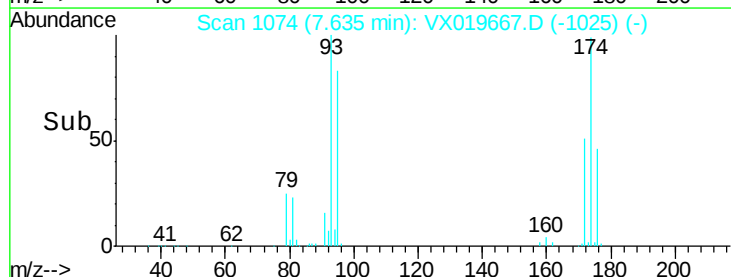
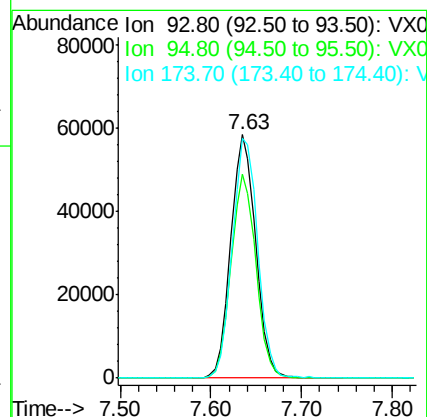
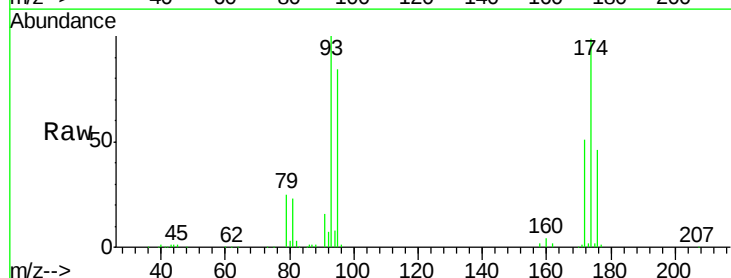
Tgt Ion: 93 Resp: 111188

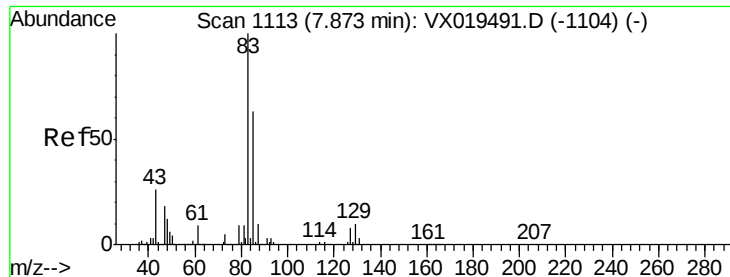
Ion Ratio Lower Upper

93 100

95 83.4 66.8 100.2

174 100.7 83.0 124.4





#47

Bromodichloromethane

Concen: 51.373 ug/l

RT: 7.87 min Scan# 1113

Delta R.T. -0.00 min

Lab File: VX019667.D

Acq: 25 Nov 2020 19:24

Instrument :

MSVOA\_X

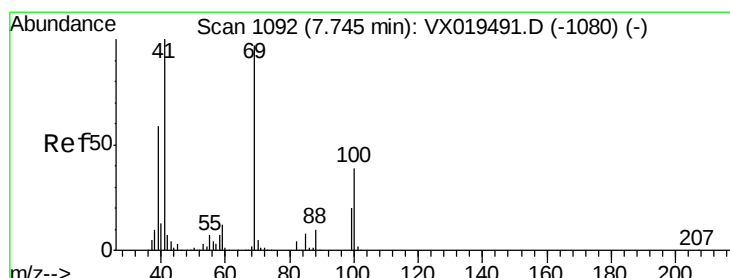
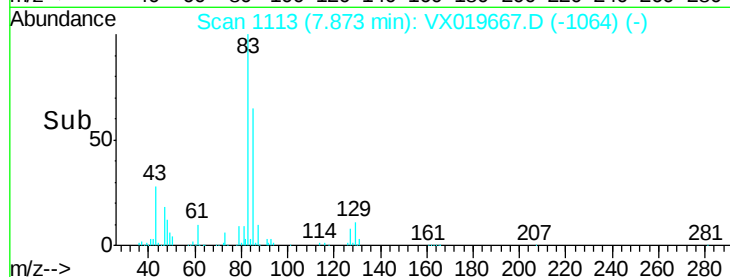
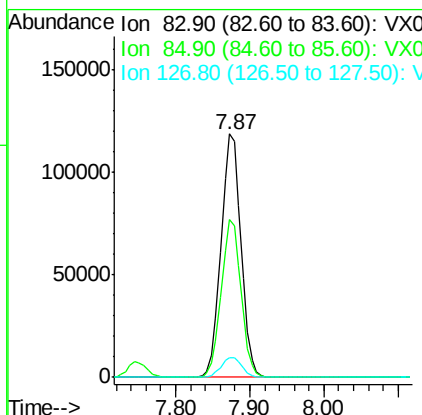
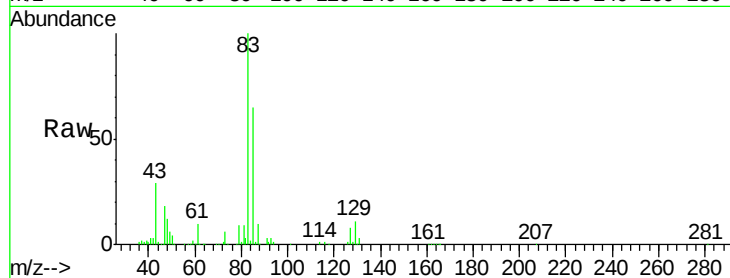
ClientSampleId :

VSTDCCC050EC

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 83    | Resp: | 221250 |
| Ion      | Ratio | Lower | Upper  |
| 83       | 100   |       |        |
| 85       | 65.0  | 50.2  | 75.2   |
| 127      | 8.2   | 6.4   | 9.6    |

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#48

Methyl methacrylate

Concen: 53.378 ug/l

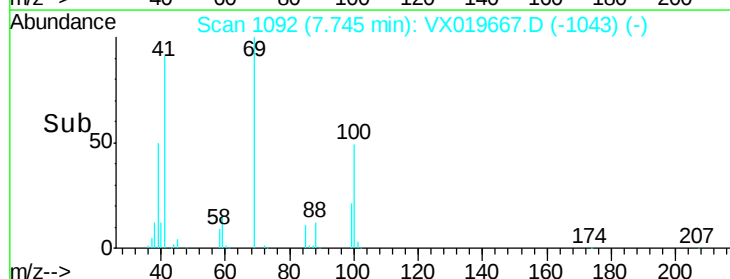
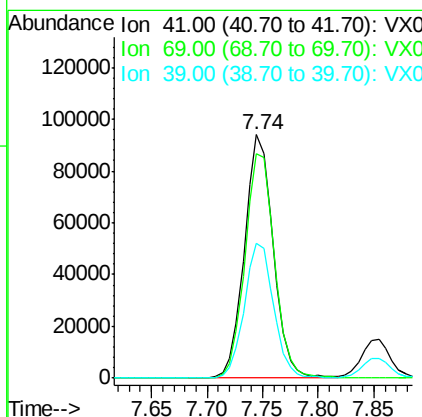
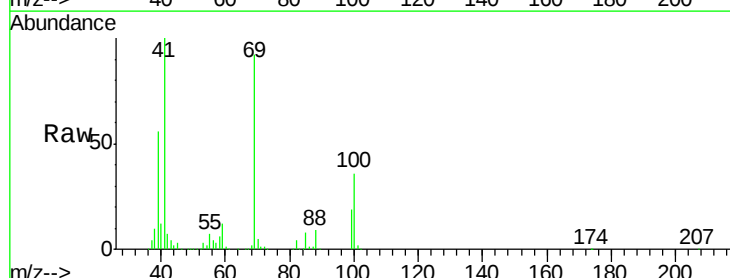
RT: 7.74 min Scan# 1092

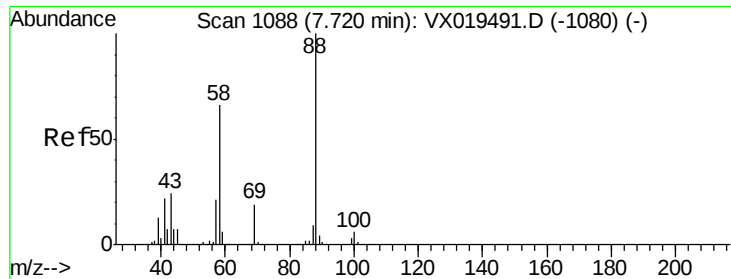
Delta R.T. -0.00 min

Lab File: VX019667.D

Acq: 25 Nov 2020 19:24

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 41    | Resp: | 169131 |
| Ion      | Ratio | Lower | Upper  |
| 41       | 100   |       |        |
| 69       | 94.7  | 77.0  | 115.6  |
| 39       | 56.7  | 45.6  | 68.4   |





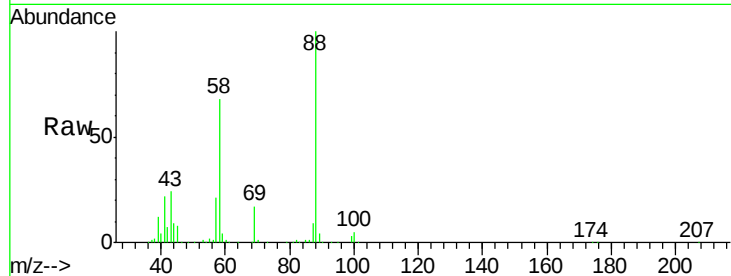
#49  
1,4-Dioxane  
Concen: 1075.105 ug/l  
RT: 7.72 min Scan# 1088  
Delta R.T. -0.00 min  
Lab File: VX019667.D  
Acq: 25 Nov 2020 19:24

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

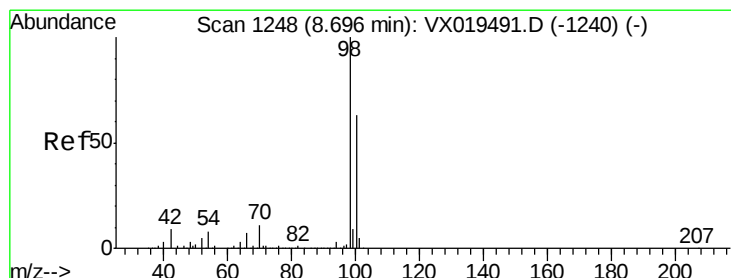
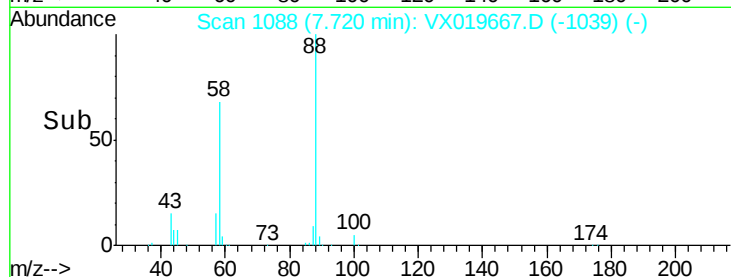
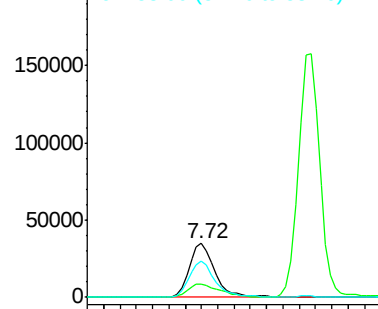
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 88      | 100   |       |       |
| 43      | 29.0  | 23.8  | 35.6  |
| 58      | 67.9  | 54.2  | 81.2  |

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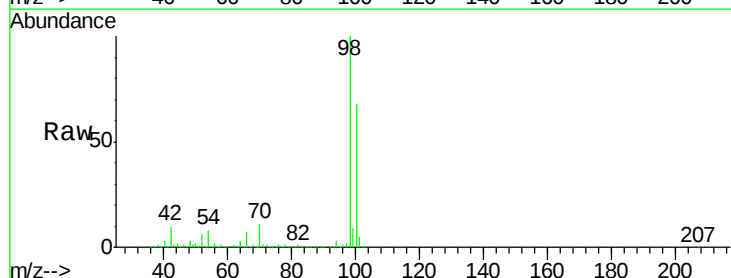


Abundance Ion 88.00 (87.70 to 88.70): VX0  
Ion 43.00 (42.70 to 43.70): VX0  
Ion 58.00 (57.70 to 58.70): VX0

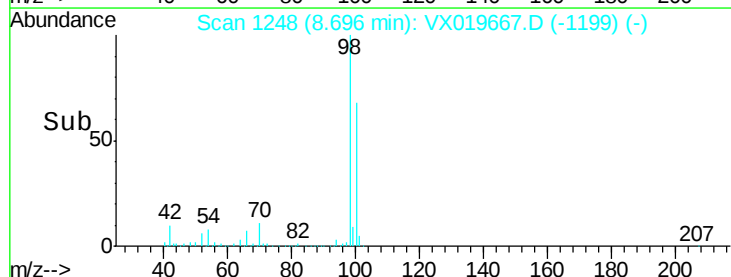
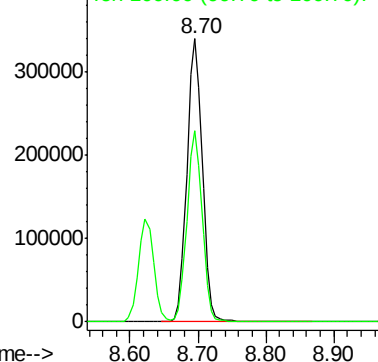


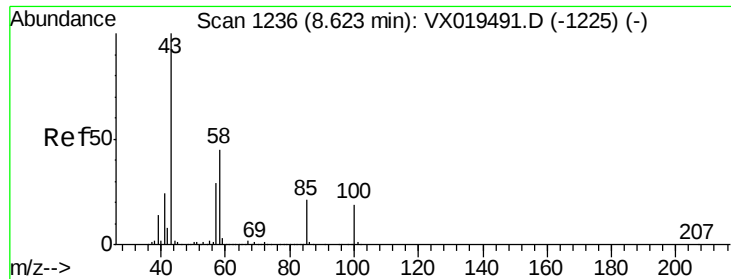
#50  
Toluene-d8  
Concen: 48.057 ug/l  
RT: 8.70 min Scan# 1248  
Delta R.T. -0.00 min  
Lab File: VX019667.D  
Acq: 25 Nov 2020 19:24

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 98      | 100   |       |       |
| 100     | 66.7  | 52.4  | 78.6  |



Abundance Ion 98.00 (97.70 to 98.70): VX0  
Ion 100.00 (99.70 to 100.70): VX0





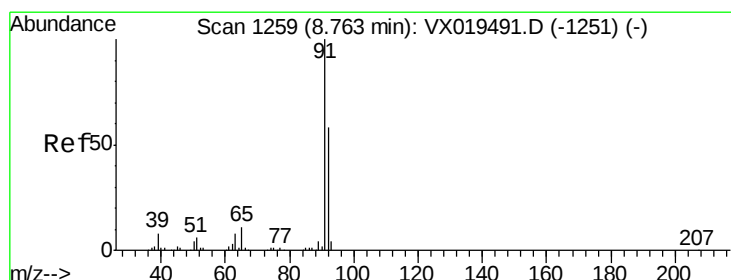
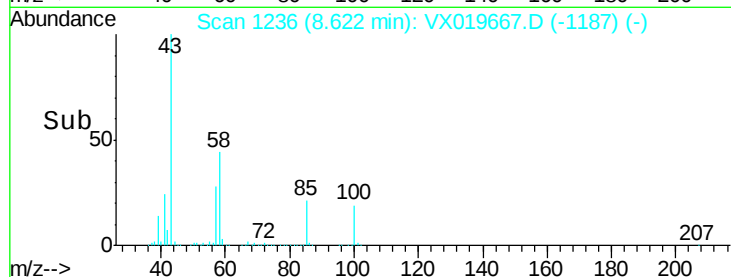
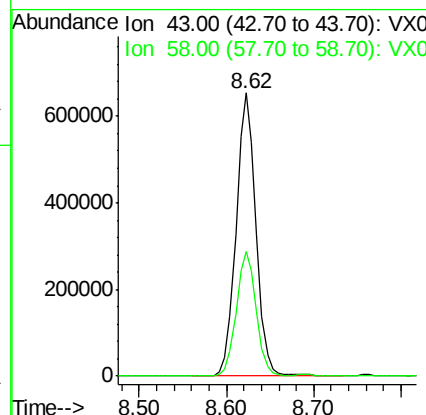
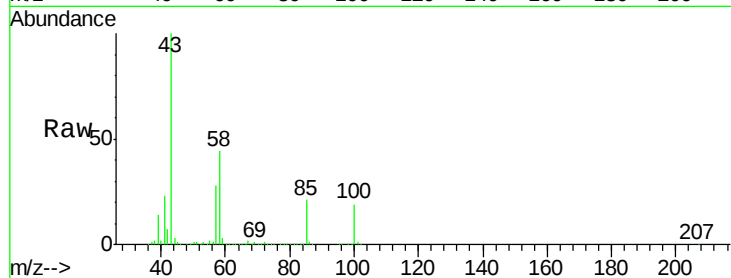
#51  
4-Methyl-2-Pentanone  
Concen: 261.687 ug/l  
RT: 8.62 min Scan# 1236  
Delta R.T. -0.00 min  
Lab File: VX019667.D  
Acq: 25 Nov 2020 19:24

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

Tot Ion: 43 Resp: 1032424  
Ion Ratio Lower Upper  
43 100  
58 44.3 35.1 52.7

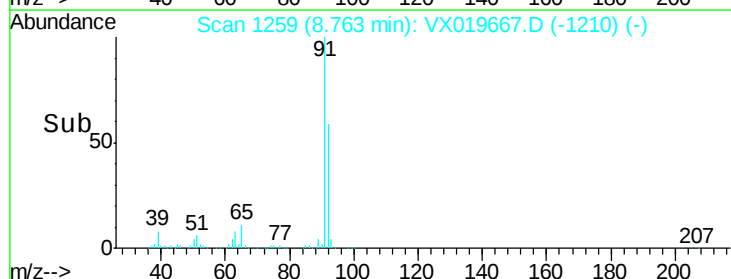
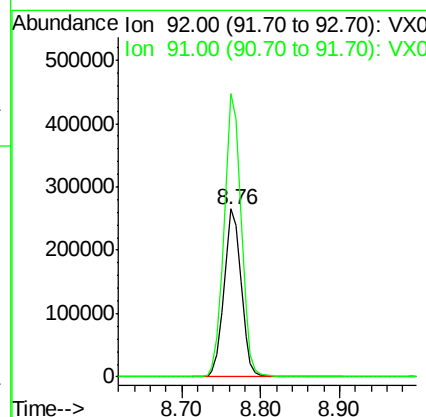
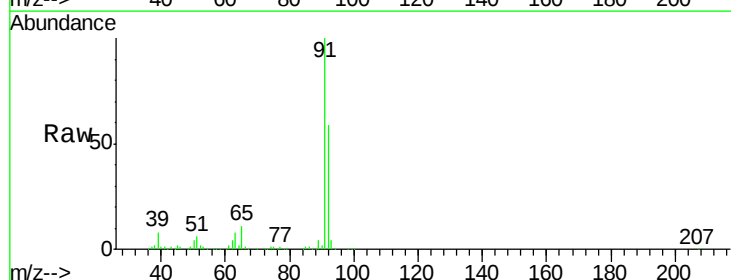
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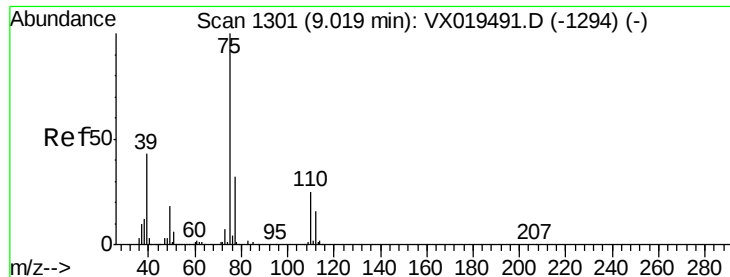
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#52  
Toluene  
Concen: 50.080 ug/l  
RT: 8.76 min Scan# 1259  
Delta R.T. -0.00 min  
Lab File: VX019667.D  
Acq: 25 Nov 2020 19:24

Tgt Ion: 92 Resp: 403552  
Ion Ratio Lower Upper  
92 100  
91 168.8 138.1 207.1





#53

t-1,3-Dichloropropene

Concen: 51.099 ug/l

RT: 9.02 min Scan# 1301

Delta R.T. -0.00 min

Lab File: VX019667.D

Acq: 25 Nov 2020 19:24

Tot Ion: 75 Resp: 237674

Ion Ratio Lower Upper

75 100

77 31.5 25.3 37.9

Instrument :

MSVOA\_X

ClientSampleId :

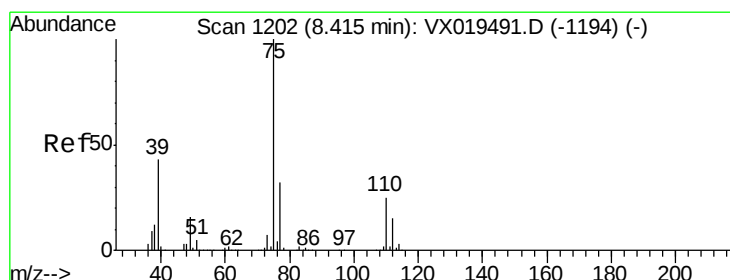
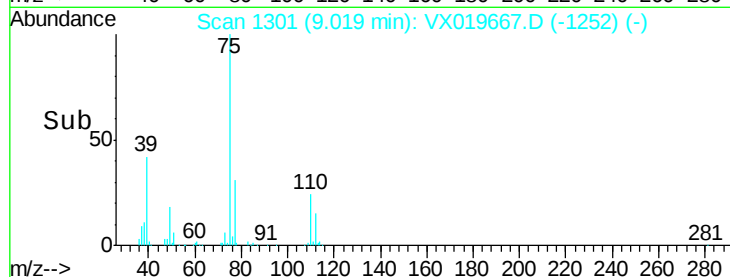
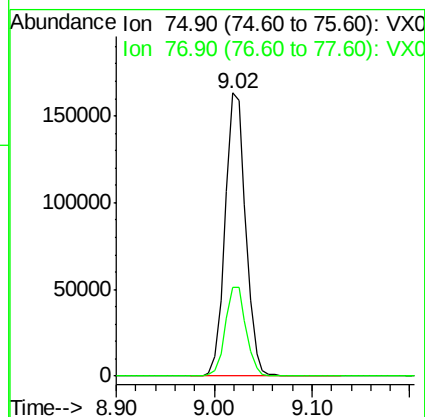
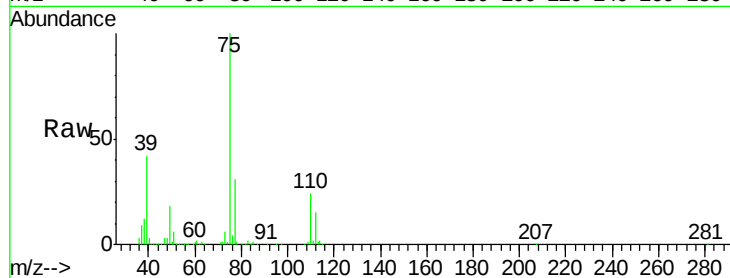
VSTDCCC050EC

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#54

cis-1,3-Dichloropropene

Concen: 50.776 ug/l

RT: 8.42 min Scan# 1202

Delta R.T. -0.00 min

Lab File: VX019667.D

Acq: 25 Nov 2020 19:24

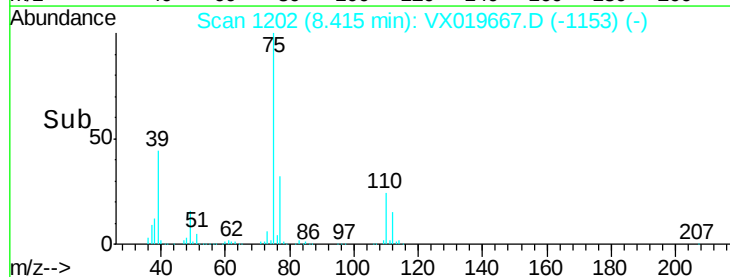
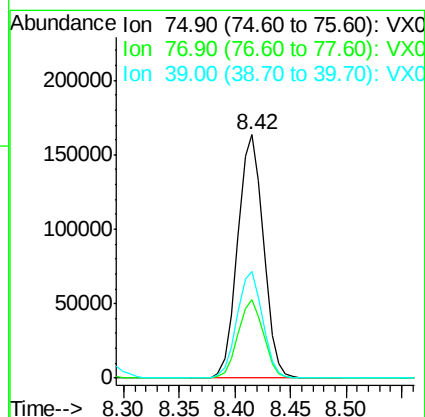
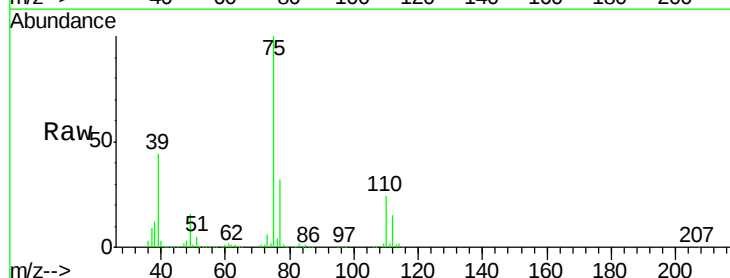
Tgt Ion: 75 Resp: 262093

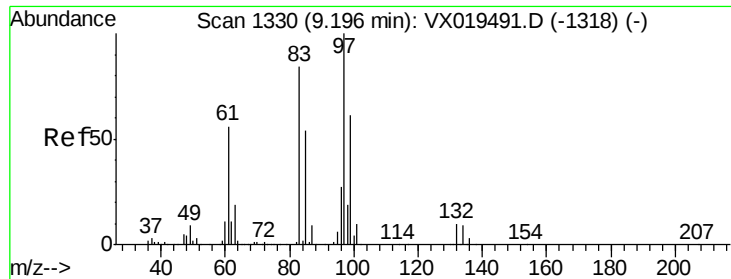
Ion Ratio Lower Upper

75 100

77 32.0 25.8 38.6

39 43.8 34.6 51.8





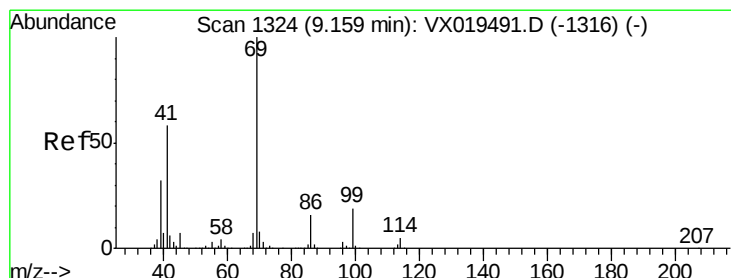
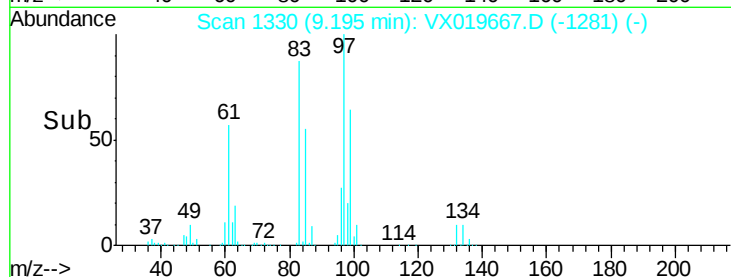
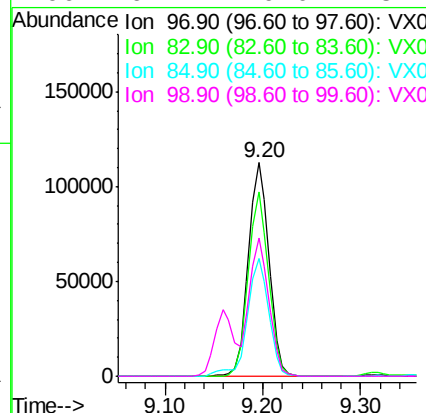
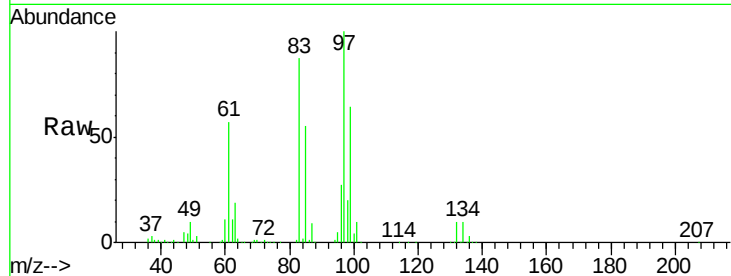
#55  
 1,1,2-Trichloroethane  
 Concen: 50.379 ug/l  
 RT: 9.20 min Scan# 1330  
 Delta R.T. -0.00 min  
 Lab File: VX019667.D  
 Acq: 25 Nov 2020 19:24

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050EC

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 97    | Resp: | 165334 |
| Ion      | Ratio | Lower | Upper  |
| 97       | 100   |       |        |
| 83       | 86.5  | 67.0  | 100.6  |
| 85       | 55.1  | 43.4  | 65.0   |
| 99       | 64.4  | 49.0  | 73.4   |

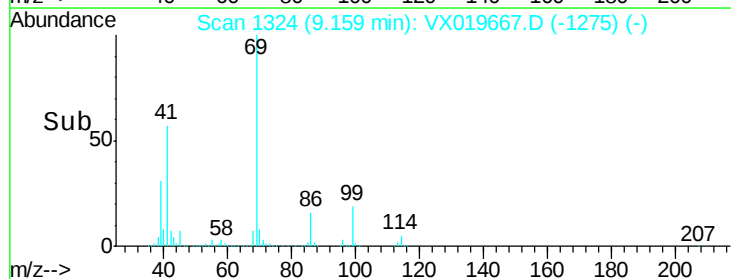
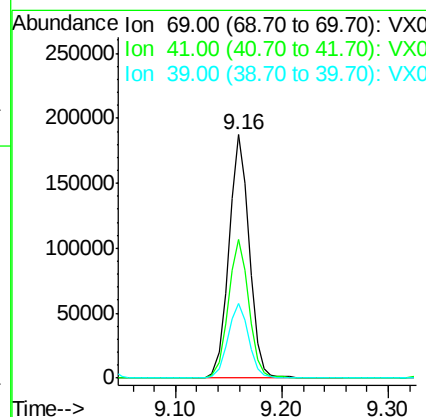
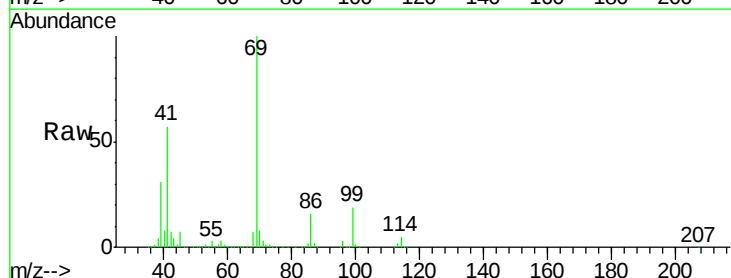
Manual Integrations  
 APPROVED

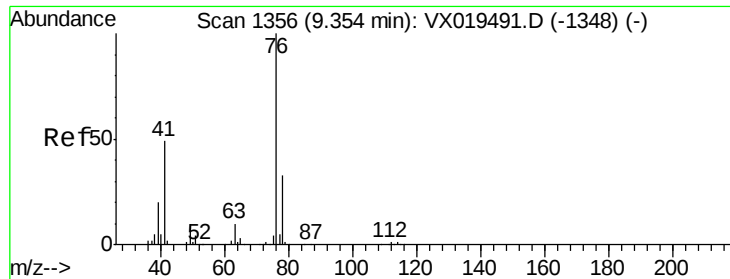
MMDadoda  
 11/30/2020 9:54:05 AM



#56  
 Ethyl methacrylate  
 Concen: 54.130 ug/l  
 RT: 9.16 min Scan# 1324  
 Delta R.T. -0.00 min  
 Lab File: VX019667.D  
 Acq: 25 Nov 2020 19:24

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 69    | Resp: | 251367 |
| Ion      | Ratio | Lower | Upper  |
| 69       | 100   |       |        |
| 41       | 57.5  | 46.2  | 69.2   |
| 39       | 31.3  | 25.5  | 38.3   |





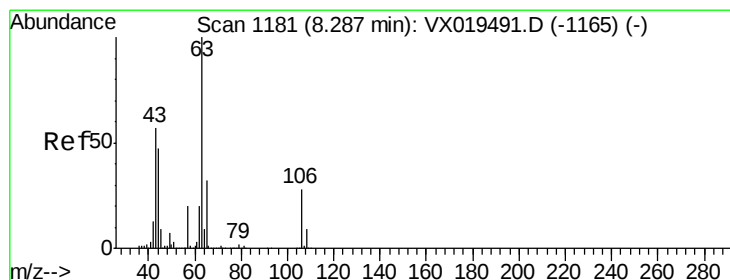
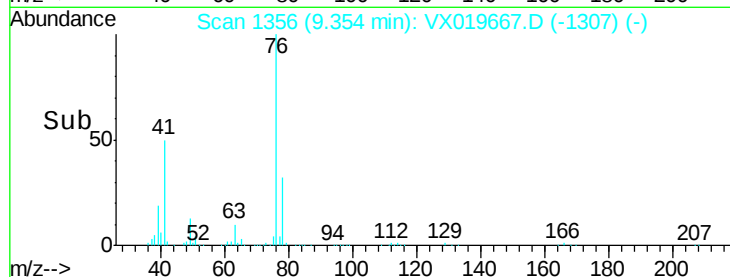
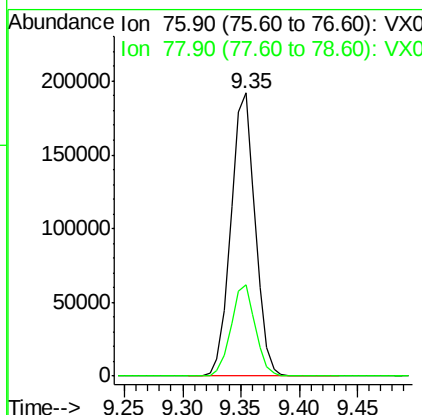
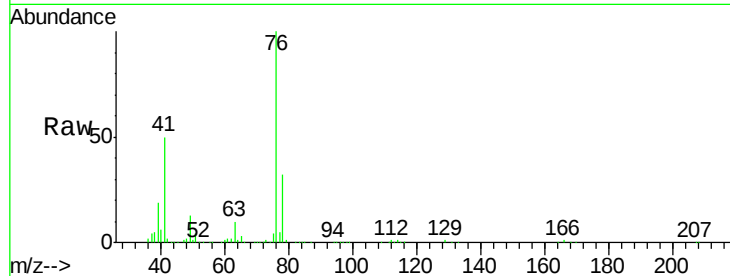
#57  
 1,3-Dichloropropane  
 Concen: 50.781 ug/l  
 RT: 9.35 min Scan# 1356  
 Delta R.T. -0.00 min  
 Lab File: VX019667.D  
 Acq: 25 Nov 2020 19:24

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050EC

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 76      | 100   |       |       |
| 78      | 32.3  | 25.7  | 38.5  |

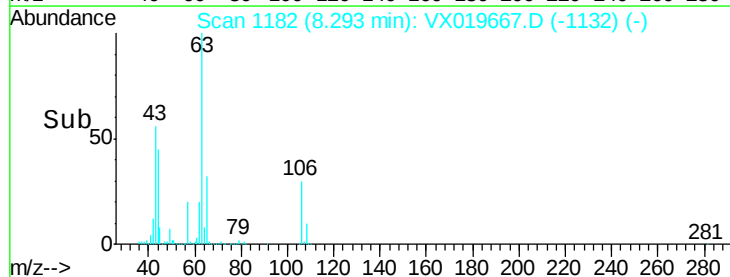
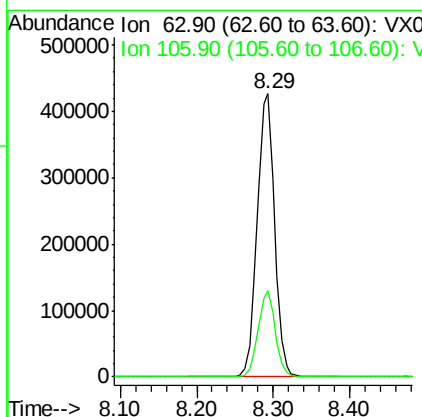
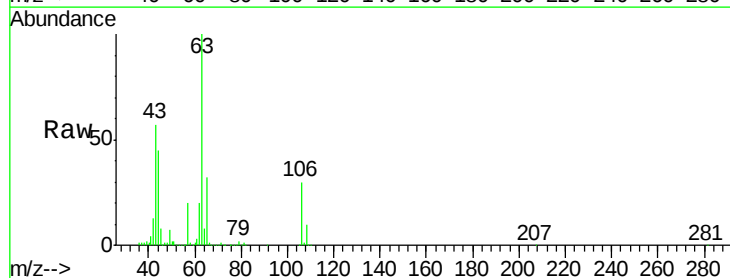
Manual Integrations  
 APPROVED

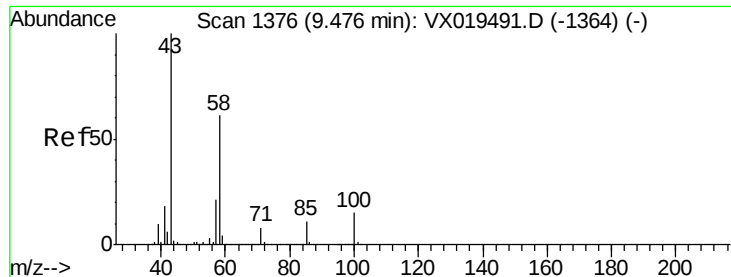
MMDadoda  
 11/30/2020 9:54:05 AM



#58  
 2-Chloroethyl Vinyl ether  
 Concen: 250.569 ug/l  
 RT: 8.29 min Scan# 1182  
 Delta R.T. 0.01 min  
 Lab File: VX019667.D  
 Acq: 25 Nov 2020 19:24

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 63      | 100   |       |       |
| 106     | 29.6  | 23.7  | 35.5  |





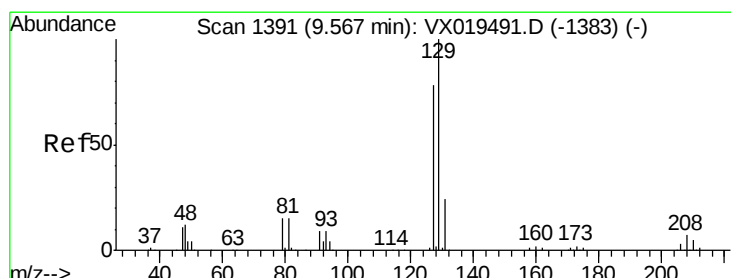
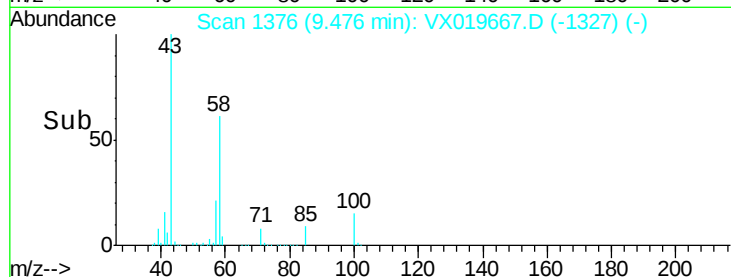
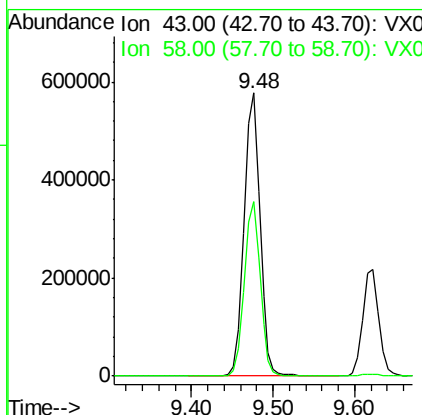
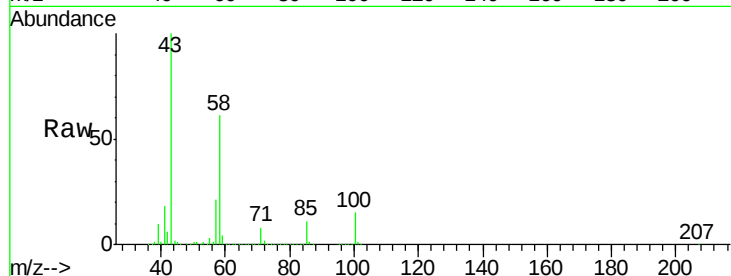
#59  
2-Hexanone  
Concen: 260.264 ug/l  
RT: 9.48 min Scan# 1376  
Delta R.T. -0.00 min  
Lab File: VX019667.D  
Acq: 25 Nov 2020 19:24

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 58      | 61.5  | 30.6  | 91.6  |

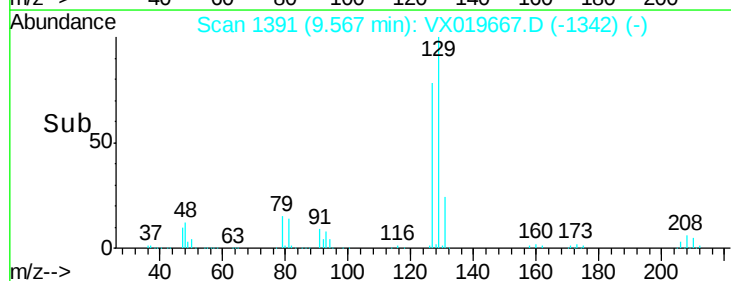
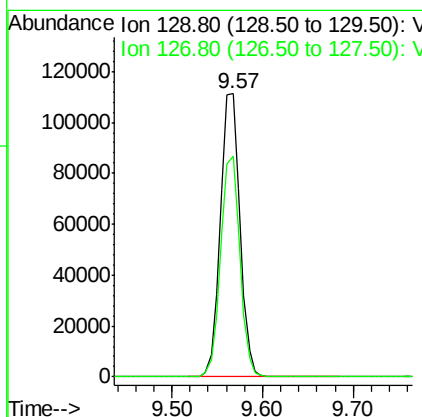
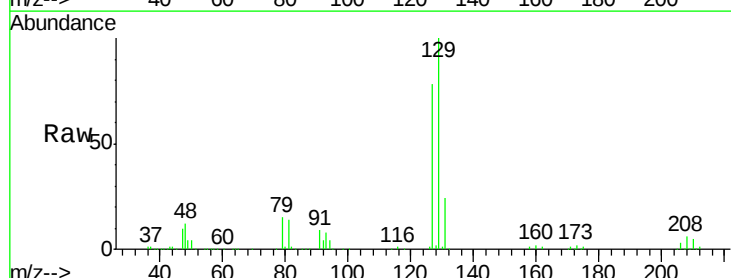
Manual Integrations  
APPROVED

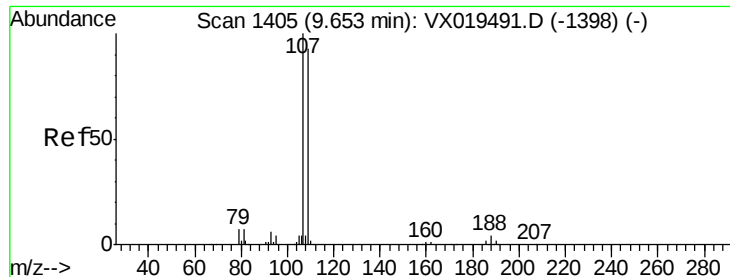
MMDadoda  
11/30/2020 9:54:05 AM



#60  
Dibromochloromethane  
Concen: 52.277 ug/l  
RT: 9.57 min Scan# 1391  
Delta R.T. -0.00 min  
Lab File: VX019667.D  
Acq: 25 Nov 2020 19:24

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 129     | 100   |       |       |
| 127     | 76.7  | 39.0  | 116.9 |





#61

1,2-Dibromoethane

Concen: 49.967 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. -0.00 min

Lab File: VX019667.D

Acq: 25 Nov 2020 19:24

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 107 Resp: 169030

Ion Ratio Lower Upper

107 100

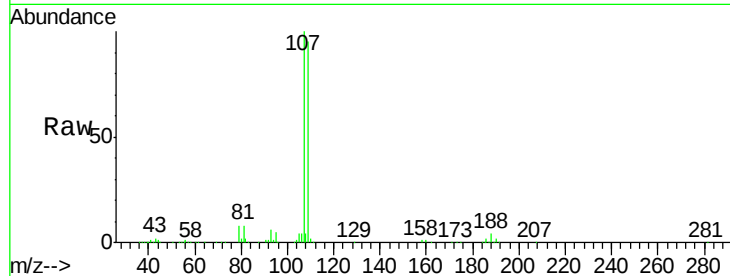
109 95.0 74.8 112.2

Manual Integrations

APPROVED

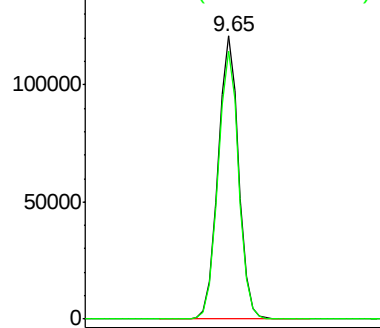
MMDadoda

11/30/2020 9:54:05 AM

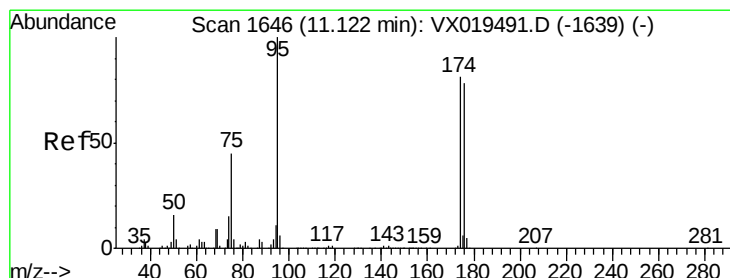
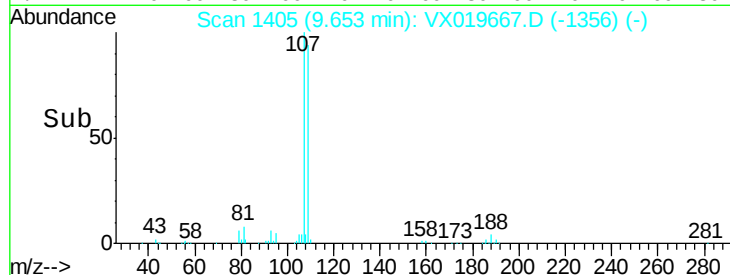


Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



Time-->



#62

4-Bromofluorobenzene

Concen: 48.456 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX019667.D

Acq: 25 Nov 2020 19:24

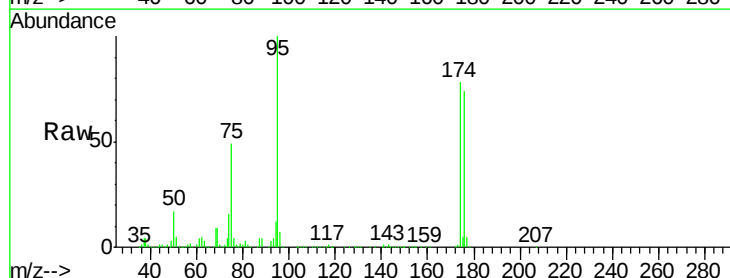
Tgt Ion: 95 Resp: 194464

Ion Ratio Lower Upper

95 100

174 77.6 0.0 156.2

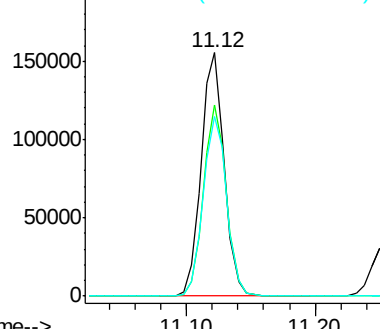
176 75.3 0.0 151.4



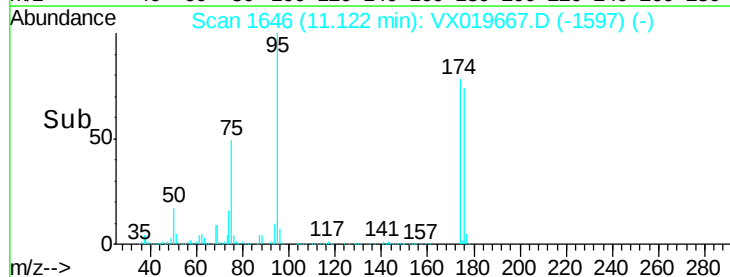
Abundance Ion 94.90 (94.60 to 95.60): VX0

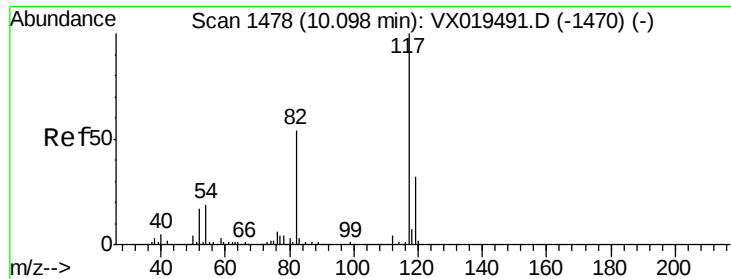
Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V



Time-->





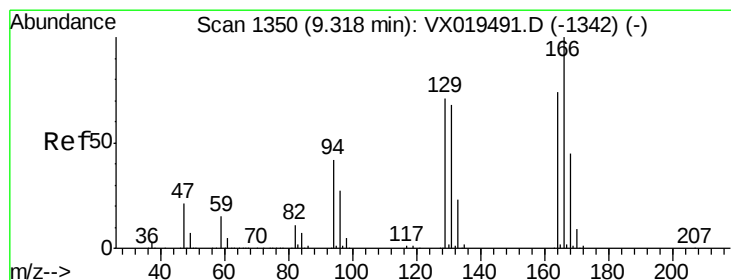
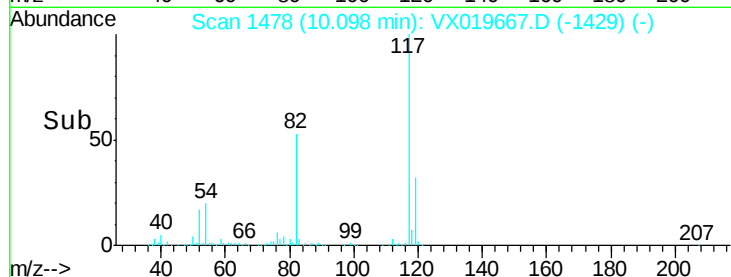
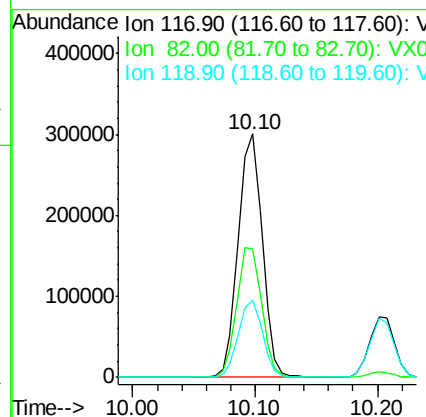
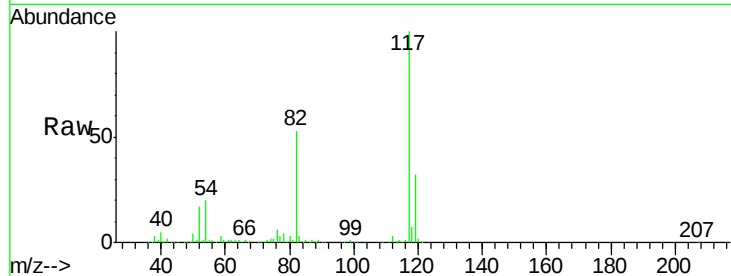
#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.10 min Scan# 1478  
Delta R.T. -0.00 min  
Lab File: VX019667.D  
Acq: 25 Nov 2020 19:24

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 82      | 52.8  | 43.0  | 64.4  |
| 119     | 32.0  | 25.6  | 38.4  |

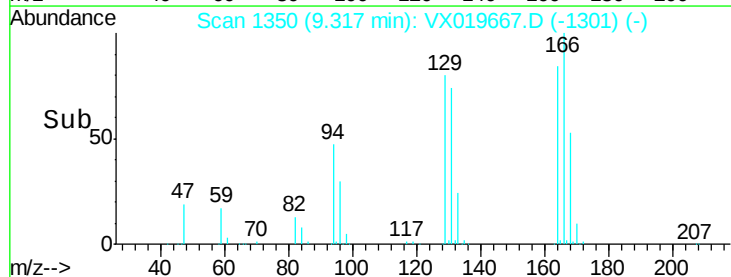
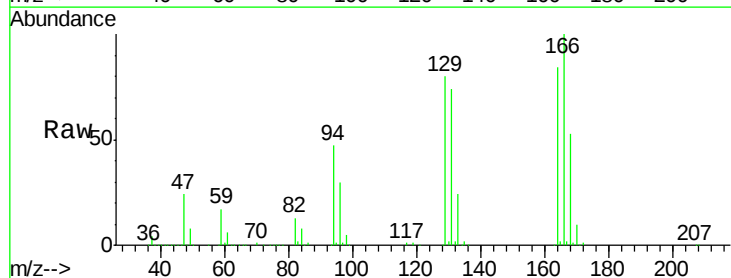
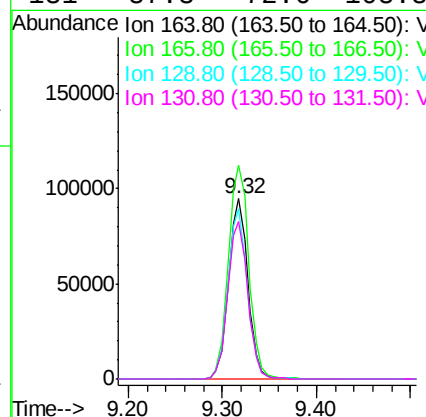
Manual Integrations  
APPROVED

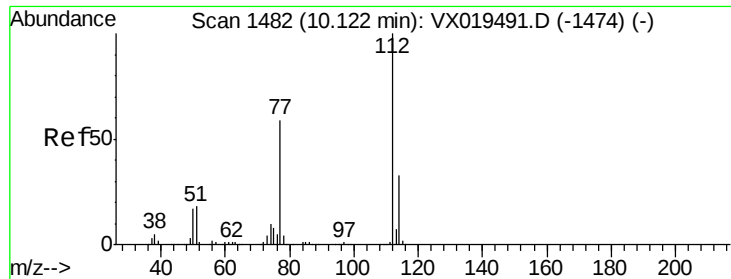
MMDadoda  
11/30/2020 9:54:05 AM



#64  
Tetrachloroethene  
Concen: 42.047 ug/l  
RT: 9.32 min Scan# 1350  
Delta R.T. -0.00 min  
Lab File: VX019667.D  
Acq: 25 Nov 2020 19:24

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 164     | 100   |       |       |
| 166     | 118.7 | 107.4 | 161.0 |
| 129     | 95.0  | 76.6  | 114.8 |
| 131     | 87.3  | 72.6  | 108.8 |





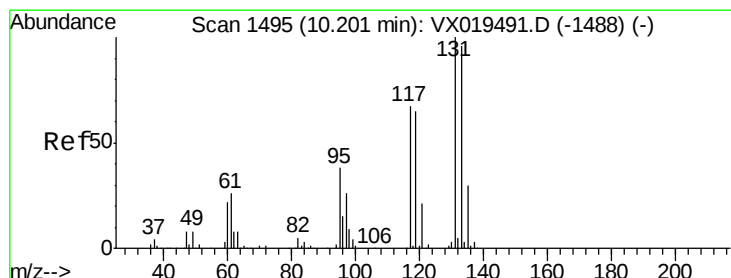
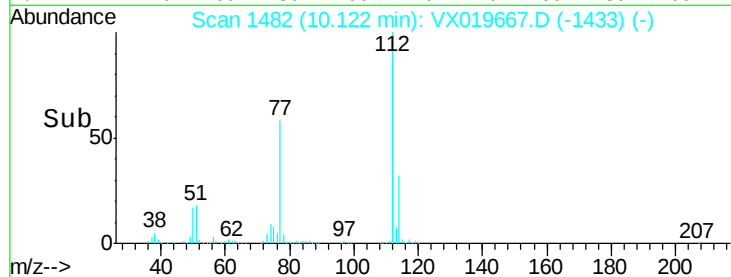
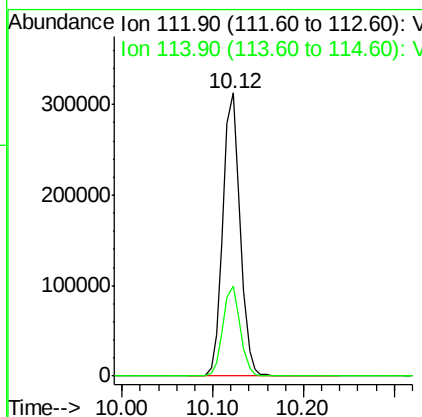
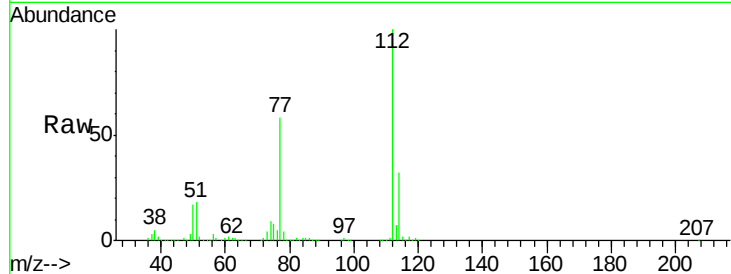
#65  
Chlorobenzene  
Concen: 49.436 ug/l  
RT: 10.12 min Scan# 1482  
Delta R.T. -0.00 min  
Lab File: VX019667.D  
Acq: 25 Nov 2020 19:24

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 112     | 100   |       |       |
| 114     | 31.8  | 26.0  | 39.0  |

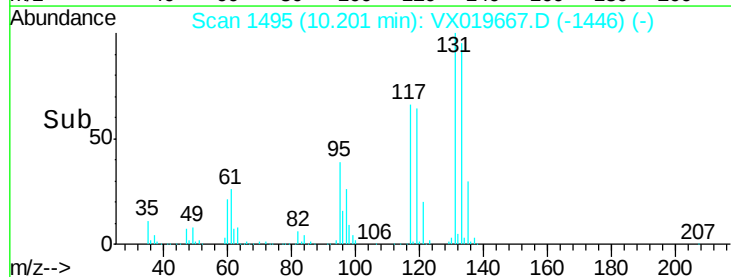
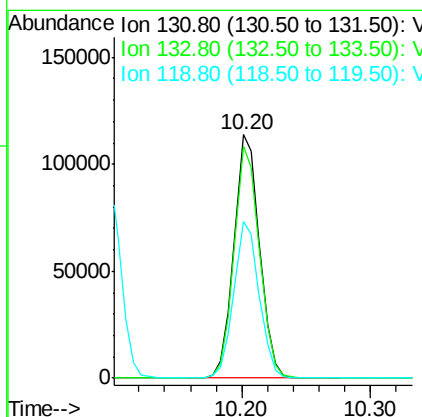
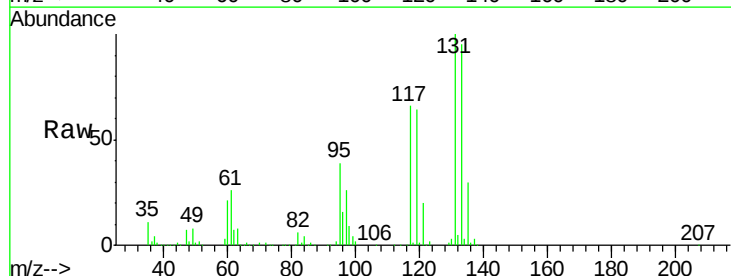
Manual Integrations  
APPROVED

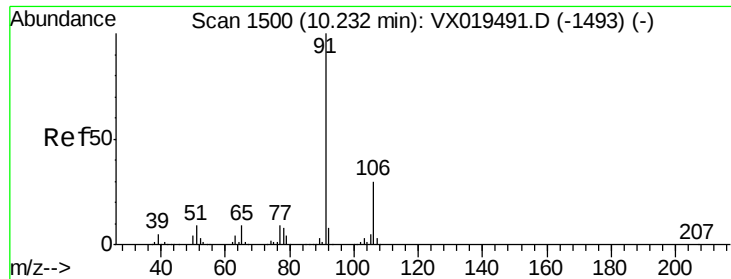
MMDadoda  
11/30/2020 9:54:05 AM



#66  
1,1,1,2-Tetrachloroethane  
Concen: 51.494 ug/l  
RT: 10.20 min Scan# 1495  
Delta R.T. -0.00 min  
Lab File: VX019667.D  
Acq: 25 Nov 2020 19:24

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 131     | 100   |       |       |
| 133     | 94.8  | 48.5  | 145.5 |
| 119     | 63.9  | 33.0  | 99.0  |





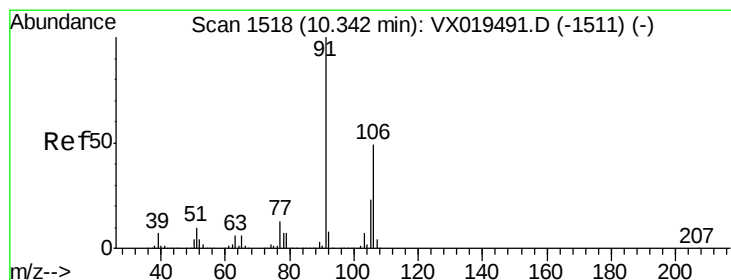
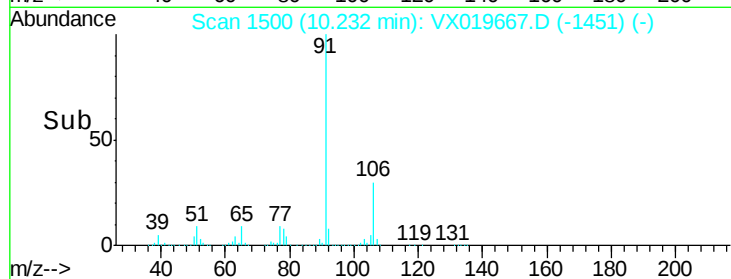
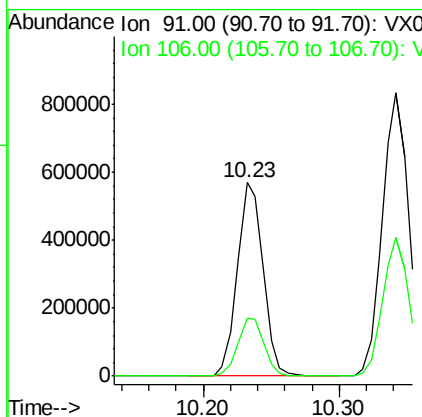
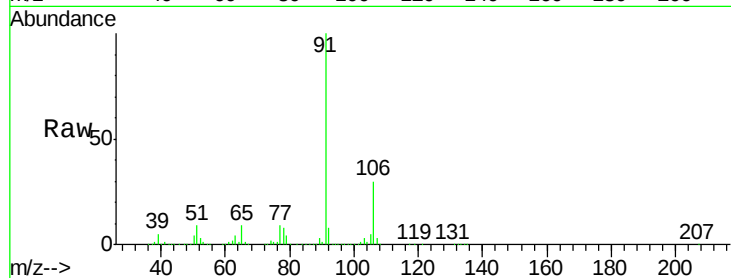
#67  
Ethyl Benzene  
Concen: 50.959 ug/l  
RT: 10.23 min Scan# 1500  
Delta R.T. -0.00 min  
Lab File: VX019667.D  
Acq: 25 Nov 2020 19:24

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 91      | 100   |       |       |
| 106     | 30.2  | 24.0  | 36.0  |

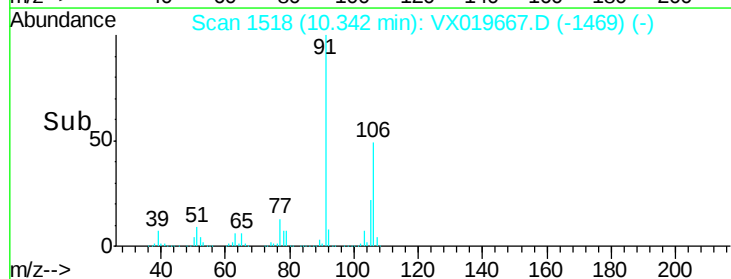
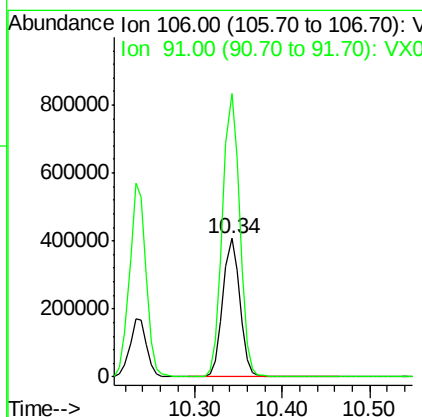
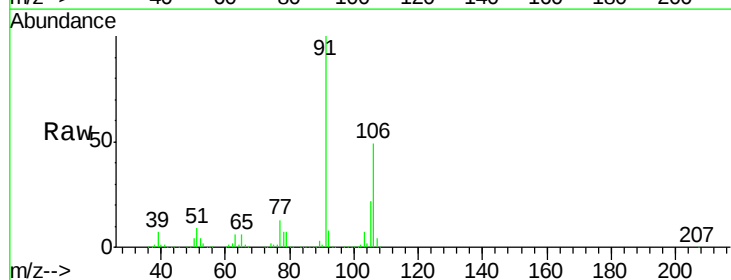
Manual Integrations  
APPROVED

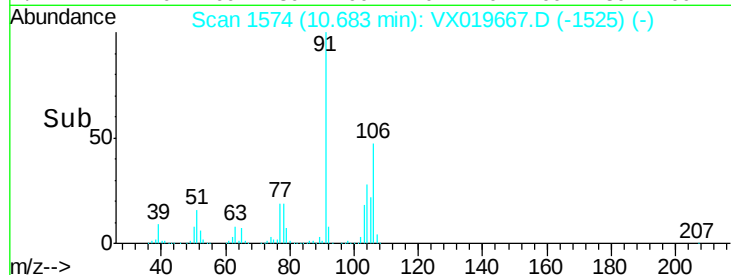
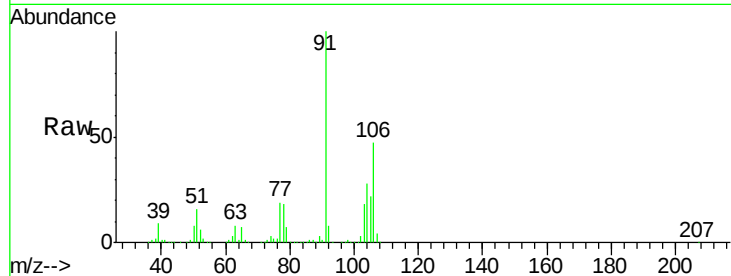
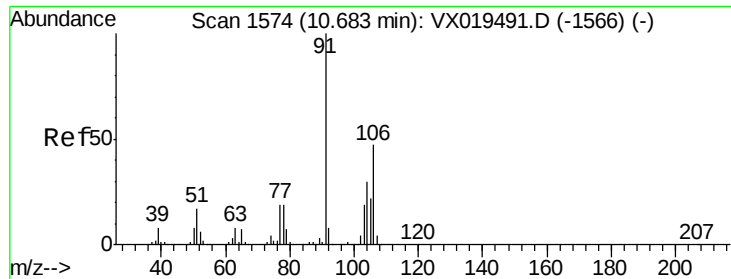
MMDadoda  
11/30/2020 9:54:05 AM



#68  
m/p-Xylenes  
Concen: 99.630 ug/l  
RT: 10.34 min Scan# 1518  
Delta R.T. -0.00 min  
Lab File: VX019667.D  
Acq: 25 Nov 2020 19:24

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 106     | 100   |       |       |
| 91      | 206.8 | 163.3 | 244.9 |





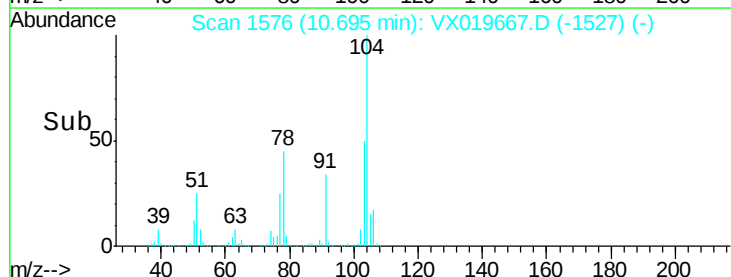
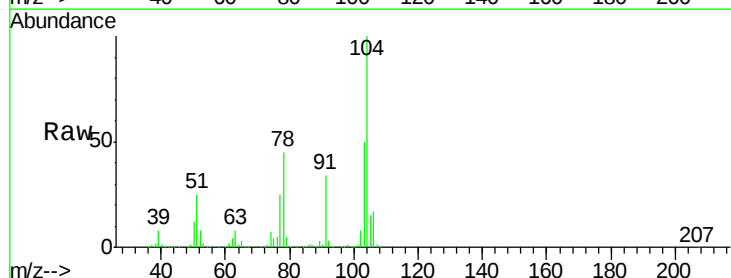
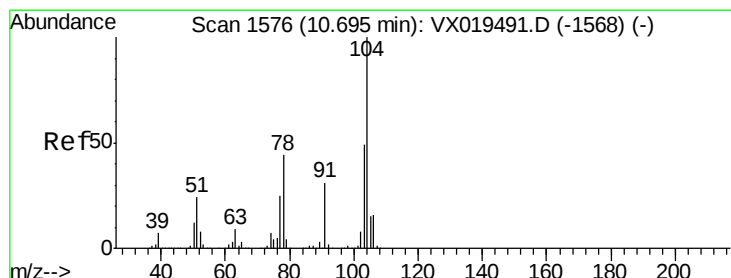
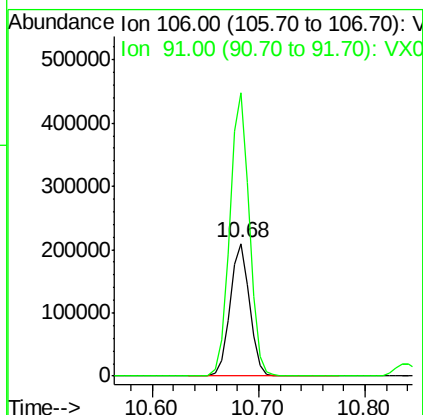
#69  
o-Xylene  
Concen: 51.163 ug/l  
RT: 10.68 min Scan# 1574  
Delta R.T. -0.00 min  
Lab File: VX019667.D  
Acq: 25 Nov 2020 19:24

Tot Ion:106 Resp: 268407  
Ion Ratio Lower Upper  
106 100  
91 214.4 108.0 324.0

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

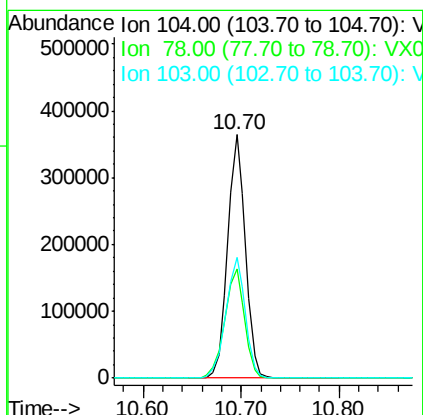
Manual Integrations  
APPROVED

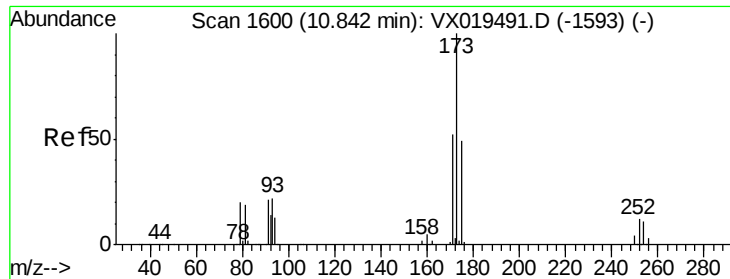
MMDadoda  
11/30/2020 9:54:05 AM



#70  
Styrene  
Concen: 47.384 ug/l  
RT: 10.70 min Scan# 1576  
Delta R.T. 0.00 min  
Lab File: VX019667.D  
Acq: 25 Nov 2020 19:24

Tgt Ion:104 Resp: 459279  
Ion Ratio Lower Upper  
104 100  
78 49.8 39.5 59.3  
103 54.1 43.6 65.4





#71

Bromoform

Concen: 45.998 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. 0.00 min

Lab File: VX019667.D

Acq: 25 Nov 2020 19:24

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:173 Resp: 118370

Ion Ratio Lower Upper

173 100

175 48.0 24.9 74.8

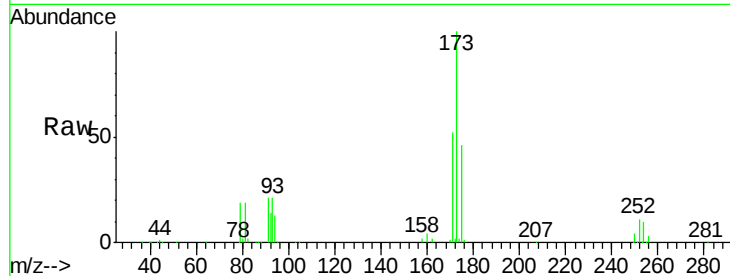
254 0.2 0.1 0.1#

Manual Integrations

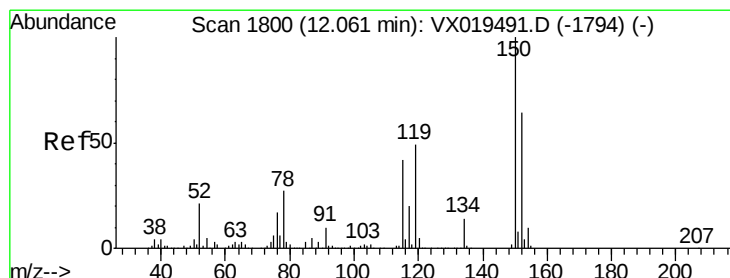
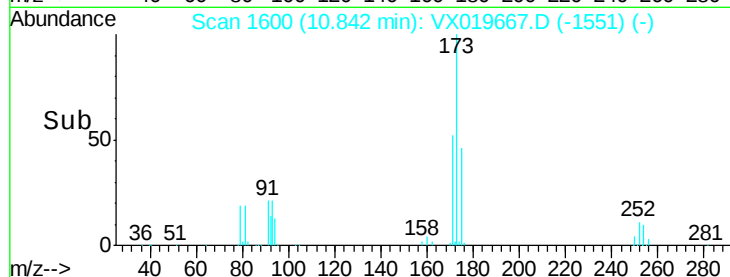
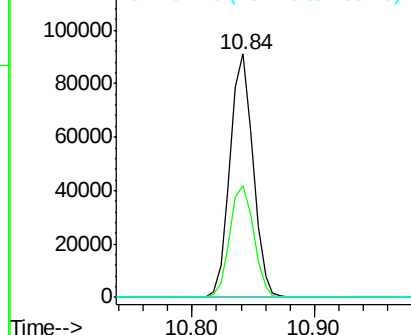
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Abundance Ion 172.70 (172.40 to 173.40): V  
Ion 174.70 (174.40 to 175.40): V  
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VX019667.D

Acq: 25 Nov 2020 19:24

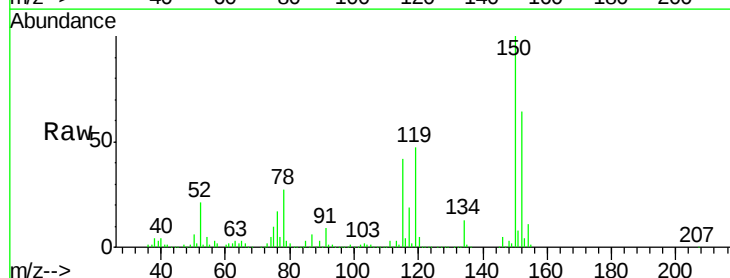
Tgt Ion:152 Resp: 194132

Ion Ratio Lower Upper

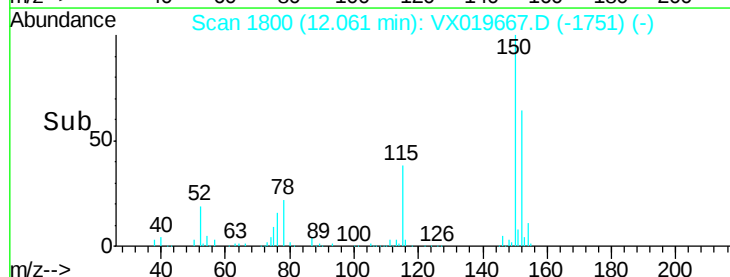
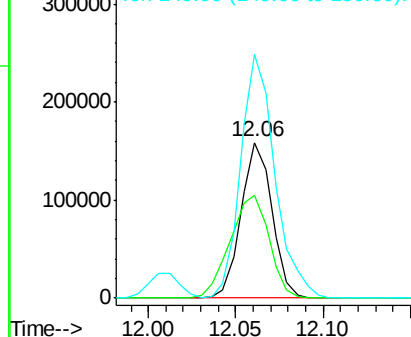
152 100

115 83.7 41.8 125.4

150 174.4 0.0 348.2



Abundance Ion 151.90 (151.60 to 152.60): V  
Ion 114.90 (114.60 to 115.60): V  
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 52.799 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.00 min

Lab File: VX019667.D

Acq: 25 Nov 2020 19:24

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 105 Resp: 709076

Ion Ratio Lower Upper

105 100

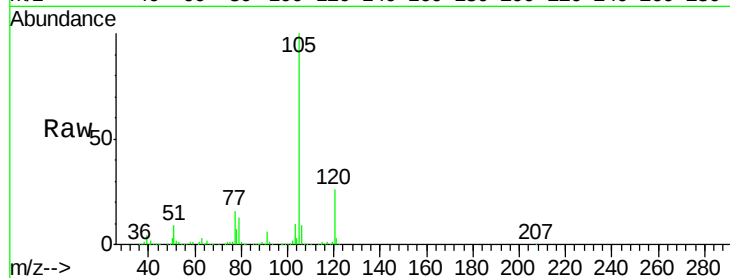
120 26.3 13.0 39.0

Manual Integrations

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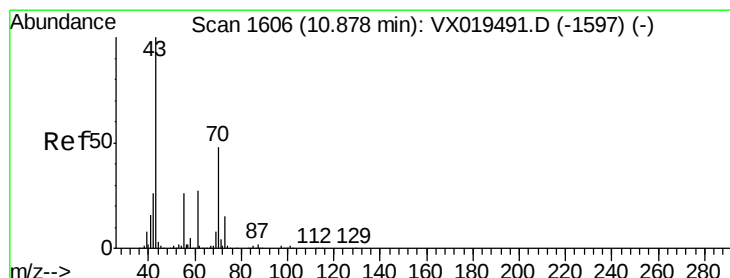
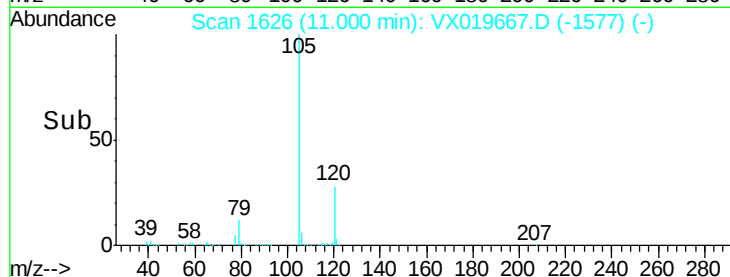
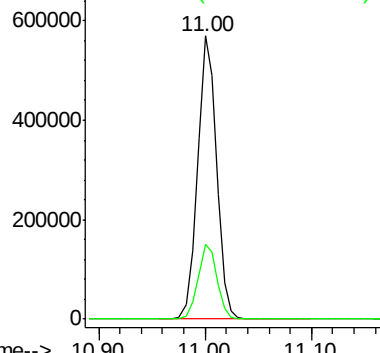
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 57.515 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. -0.00 min

Lab File: VX019667.D

Acq: 25 Nov 2020 19:24

Tgt Ion: 43 Resp: 289434

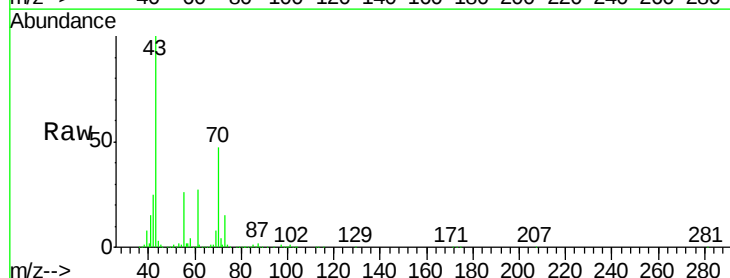
Ion Ratio Lower Upper

43 100

70 49.3 39.7 59.5

55 26.6 21.8 32.6

61 28.0 22.2 33.4

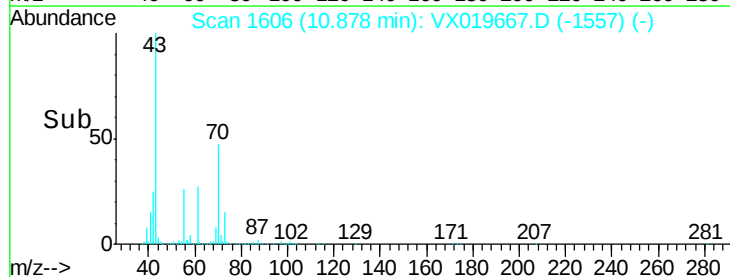
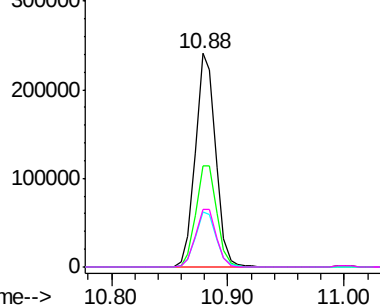


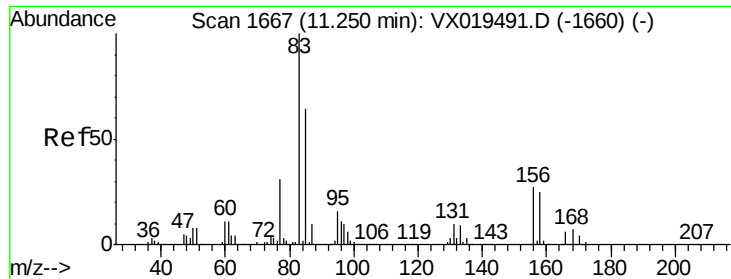
Abundance Ion 43.00 (42.70 to 43.70): VX0

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





#75

1,1,2,2-Tetrachloroethane

Concen: 51.915 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. -0.00 min

Lab File: VX019667.D

Acq: 25 Nov 2020 19:24

Instrument :

MSVOA\_X

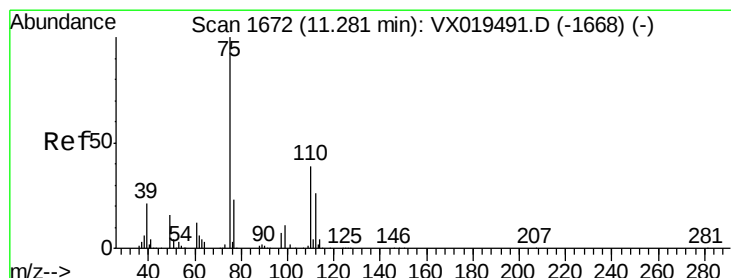
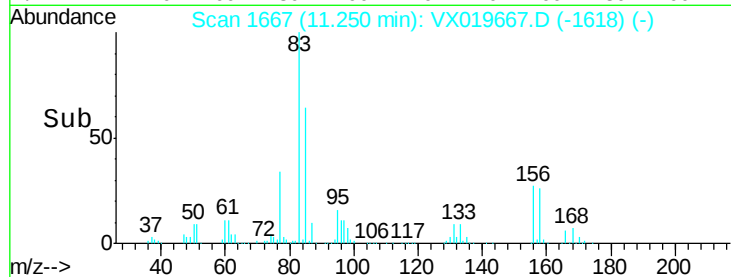
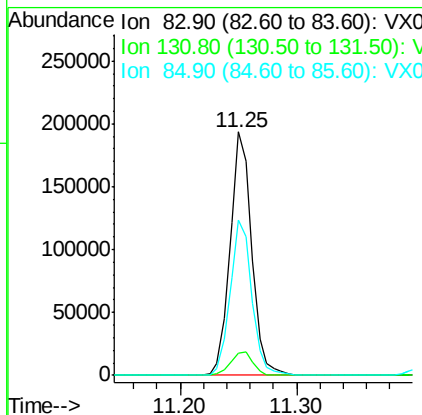
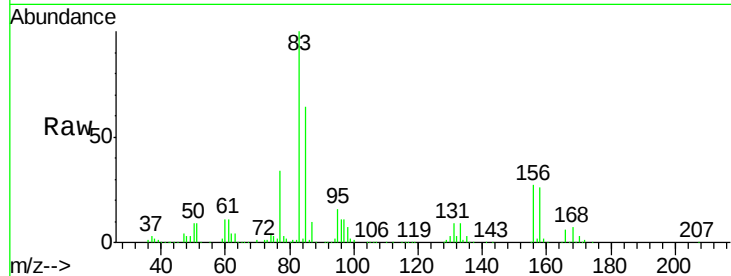
ClientSampleId :

VSTDCCC050EC

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 83    | Resp: | 249325 |
| Ion Ratio | Lower | Upper |        |
| 83        | 100   |       |        |
| 131       | 10.1  | 5.0   | 15.0   |
| 85        | 64.5  | 32.4  | 97.2   |

Manual Integrations  
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#76

1,2,3-Trichloropropane

Concen: 52.277 ug/l m

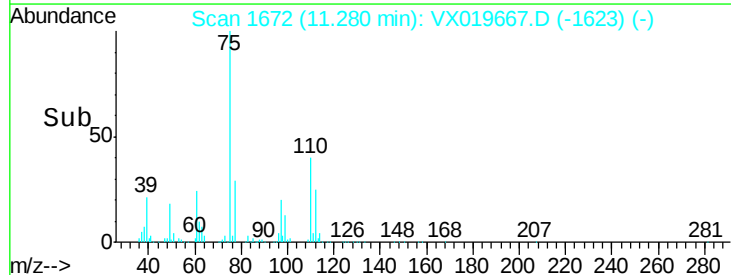
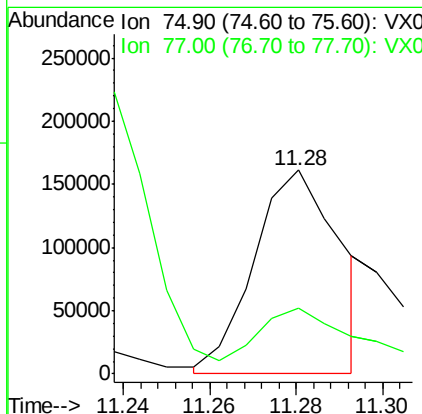
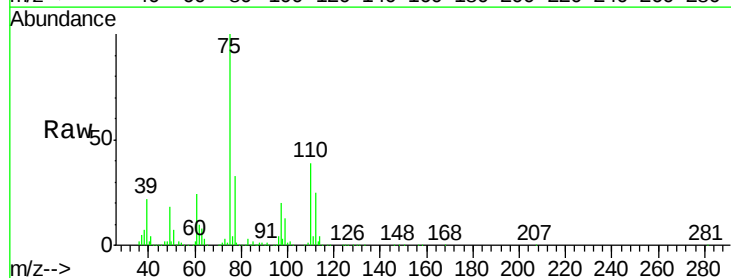
RT: 11.28 min Scan# 1672

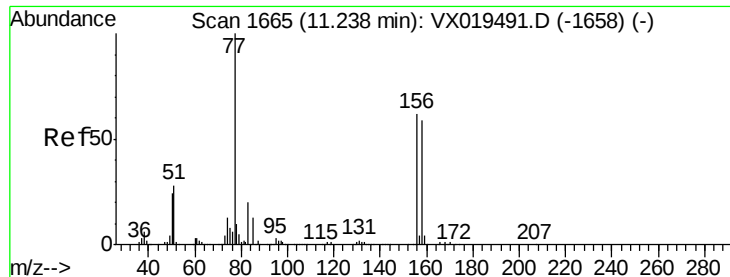
Delta R.T. -0.00 min

Lab File: VX019667.D

Acq: 25 Nov 2020 19:24

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 75    | Resp: | 221478 |
| Ion Ratio | Lower | Upper |        |
| 75        | 100   |       |        |
| 77        | 39.9  | 20.0  | 60.0   |





#77

Bromobenzene

Concen: 51.843 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX019667.D

Acq: 25 Nov 2020 19:24

Instrument :

MSVOA\_X

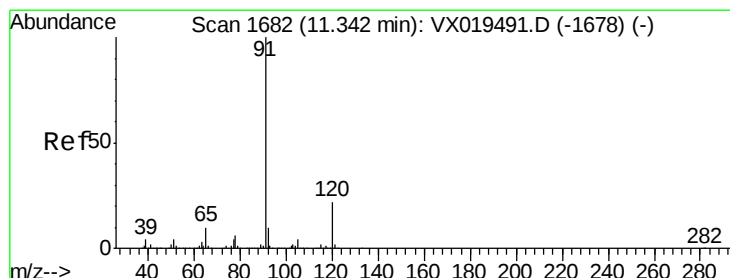
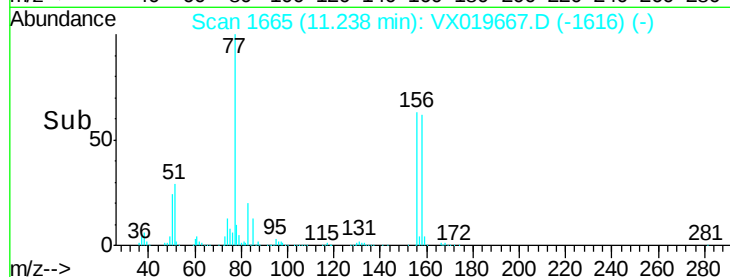
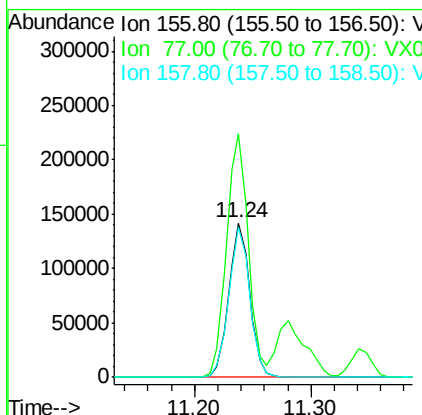
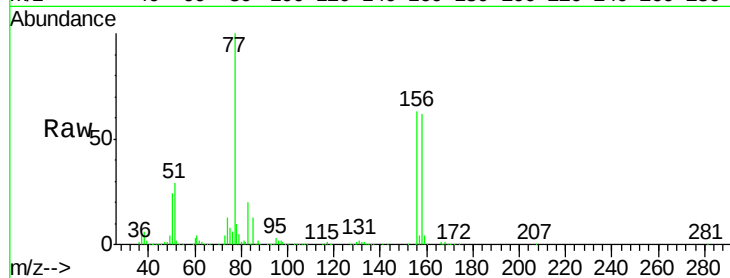
ClientSampleId :

VSTDCCC050EC

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 156   | Resp: | 177737 |
| Ion Ratio | Lower | Upper |        |
| 156       | 100   |       |        |
| 77        | 163.5 | 82.5  | 247.3  |
| 158       | 97.0  | 48.9  | 146.7  |

Manual Integrations  
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#78

n-propylbenzene

Concen: 51.370 ug/l

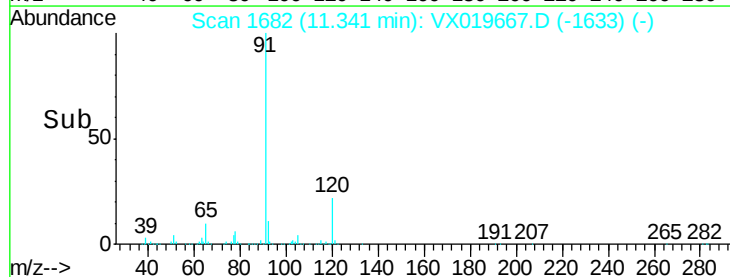
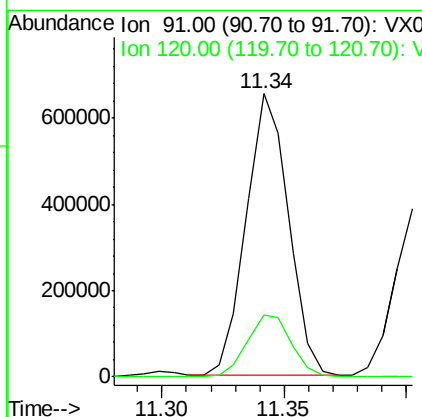
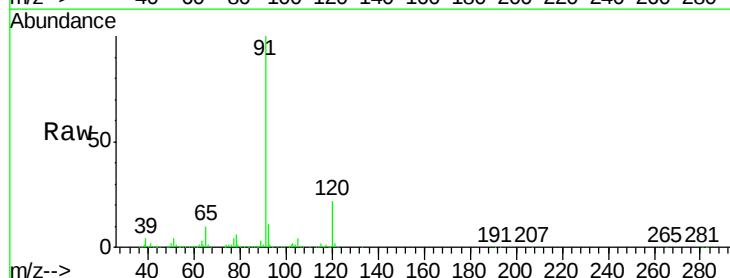
RT: 11.34 min Scan# 1682

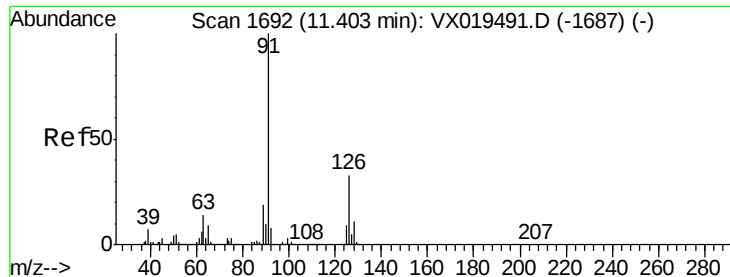
Delta R.T. -0.00 min

Lab File: VX019667.D

Acq: 25 Nov 2020 19:24

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 91    | Resp: | 791427 |
| Ion Ratio | Lower | Upper |        |
| 91        | 100   |       |        |
| 120       | 23.0  | 11.5  | 34.4   |





#79

2-Chlorotoluene

Concen: 52.352 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. -0.00 min

Lab File: VX019667.D

Acq: 25 Nov 2020 19:24

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 91 Resp: 489147

Ion Ratio Lower Upper

91 100

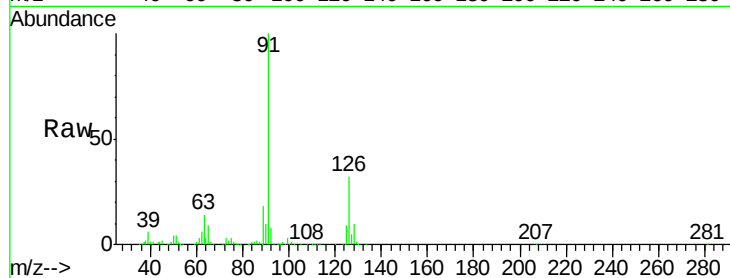
126 33.4 16.7 50.0

Manual Integrations

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Abundance Ion 91.00 (90.70 to 91.70): VX019491.D (-1687) (-)

Ion 125.90 (125.60 to 126.60): VX019491.D (-1687) (-)

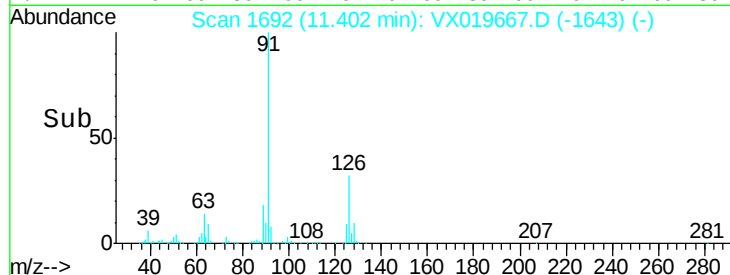
600000

400000

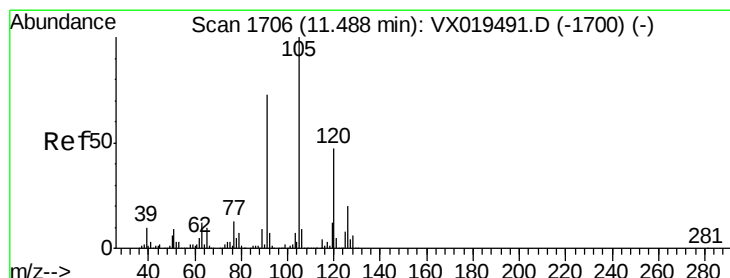
200000

0

11.35 11.40 11.45



Time-->



#80

1,3,5-Trimethylbenzene

Concen: 52.698 ug/l

RT: 11.49 min Scan# 1706

Delta R.T. -0.00 min

Lab File: VX019667.D

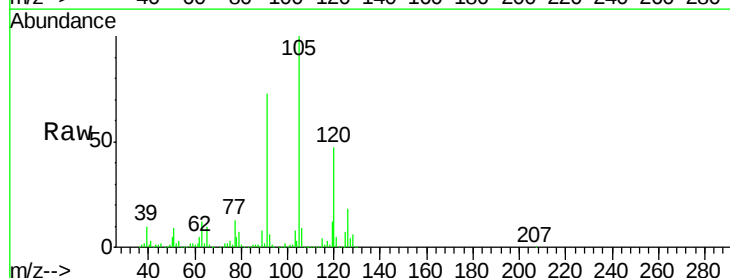
Acq: 25 Nov 2020 19:24

Tgt Ion: 105 Resp: 593689

Ion Ratio Lower Upper

105 100

120 48.8 24.1 72.3



Abundance Ion 105.00 (104.70 to 105.70): VX019491.D (-1700) (-)

Ion 120.00 (119.70 to 120.70): VX019491.D (-1700) (-)

500000

400000

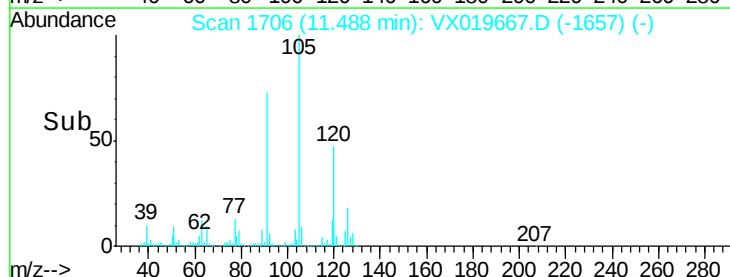
300000

200000

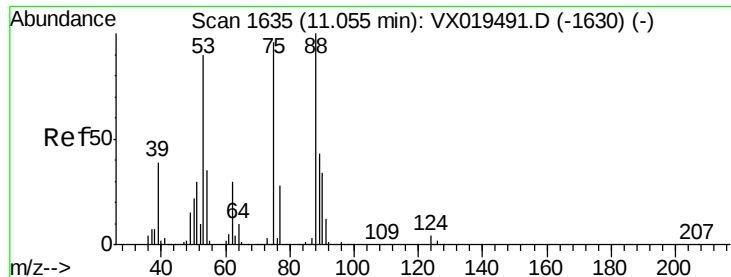
100000

0

11.40 11.50 11.60



Time-->



#81

trans-1,4-Dichloro-2-butene

Concen: 48.398 ug/l

RT: 11.06 min Scan# 1636

Delta R.T. 0.01 min

Lab File: VX019667.D

Acq: 25 Nov 2020 19:24

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 75 Resp: 75684

Ion Ratio Lower Upper

75 100

53 93.5 73.9 110.9

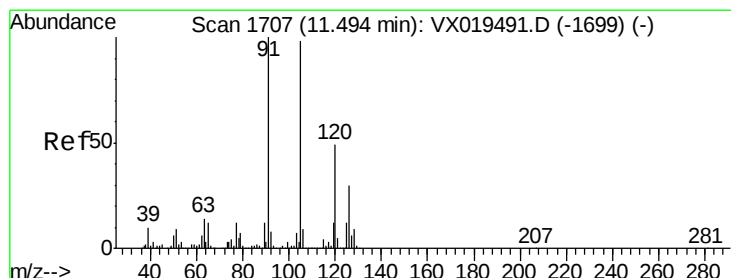
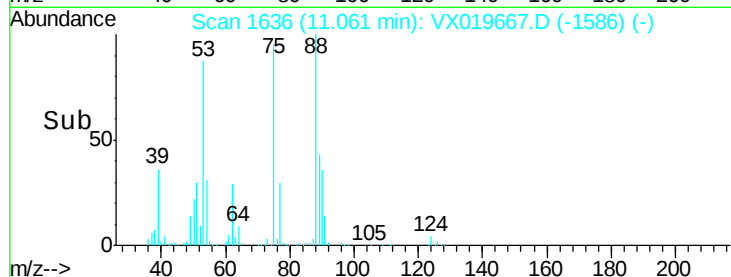
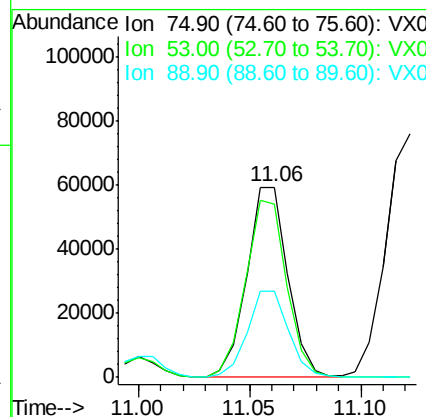
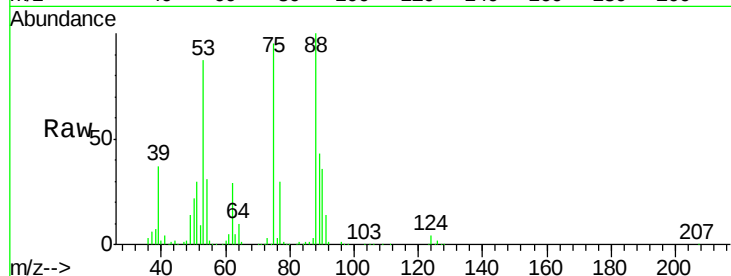
89 46.0 37.3 55.9

Manual Integrations

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#82

4-Chlorotoluene

Concen: 51.609 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX019667.D

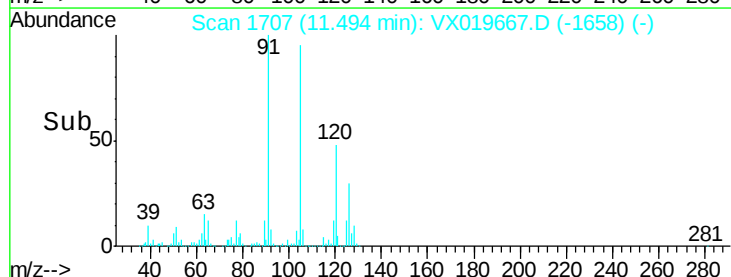
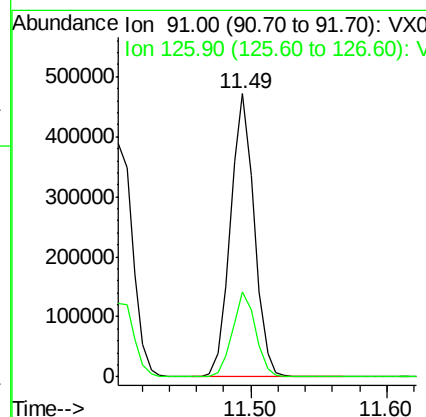
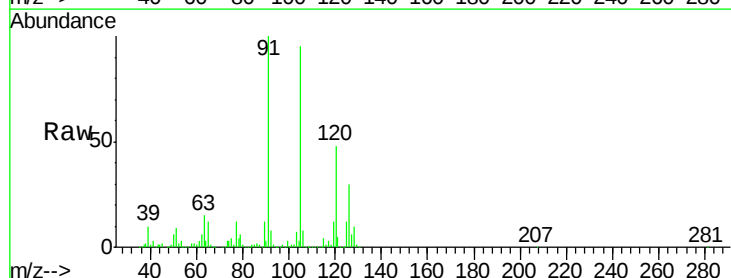
Acq: 25 Nov 2020 19:24

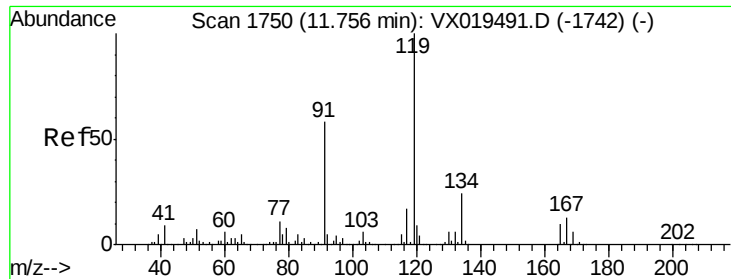
Tgt Ion: 91 Resp: 567656

Ion Ratio Lower Upper

91 100

126 29.5 14.9 44.7





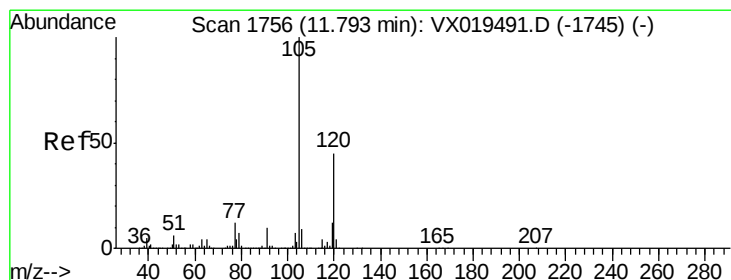
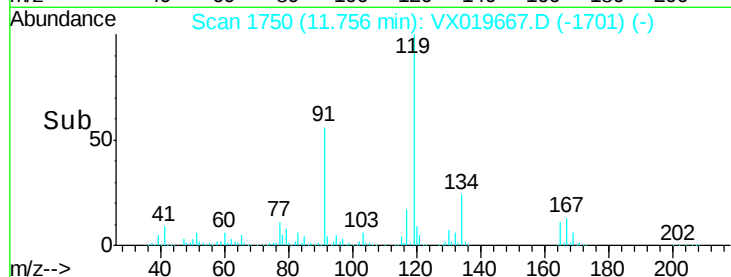
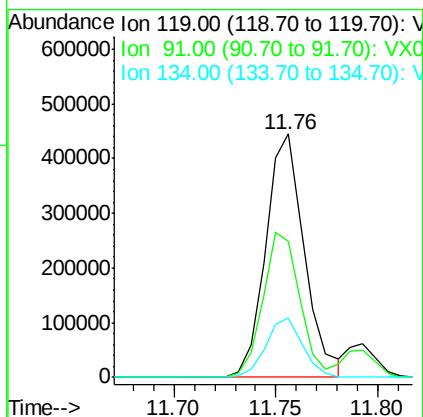
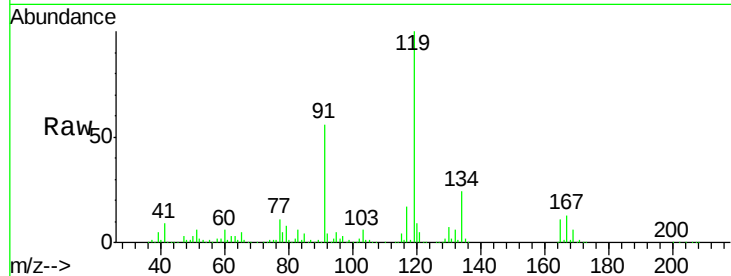
#83  
tert-Butylbenzene  
Concen: 53.821 ug/l  
RT: 11.76 min Scan# 1750  
Delta R.T. -0.00 min  
Lab File: VX019667.D  
Acq: 25 Nov 2020 19:24

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 119     | 100   |       |       |
| 91      | 56.9  | 28.9  | 86.8  |
| 134     | 23.0  | 11.7  | 35.0  |

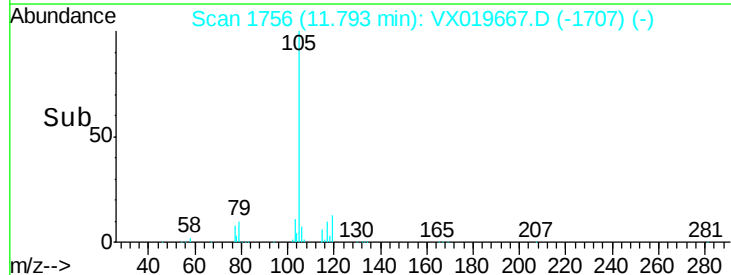
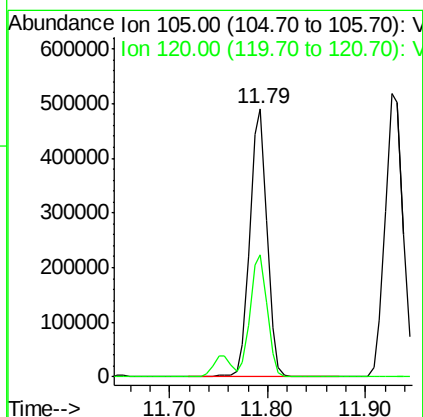
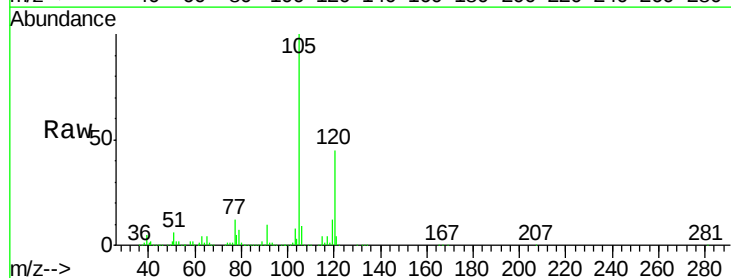
Manual Integrations  
APPROVED

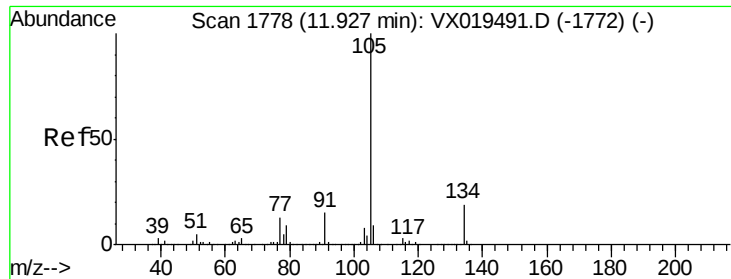
MMDadoda  
11/30/2020 9:54:05 AM



#84  
1,2,4-Trimethylbenzene  
Concen: 52.378 ug/l  
RT: 11.79 min Scan# 1756  
Delta R.T. -0.00 min  
Lab File: VX019667.D  
Acq: 25 Nov 2020 19:24

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 105     | 100   |       |       |
| 120     | 45.1  | 22.2  | 66.6  |





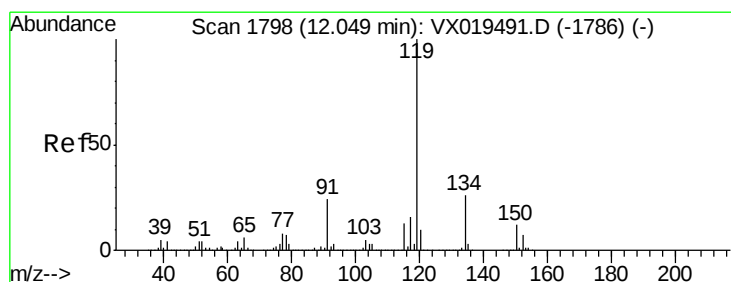
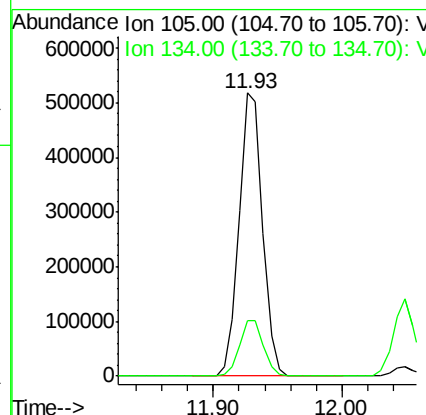
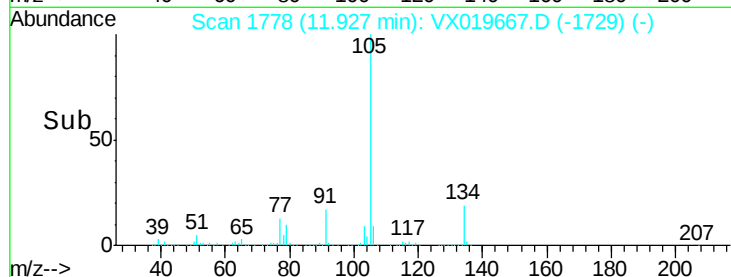
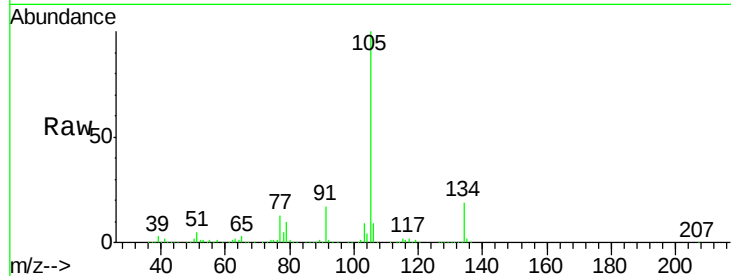
#85  
 sec-Butylbenzene  
 Concen: 50.714 ug/l  
 RT: 11.93 min Scan# 1778  
 Delta R.T. -0.00 min  
 Lab File: VX019667.D  
 Acq: 25 Nov 2020 19:24

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050EC

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 105     | 100   |       |       |
| 134     | 20.0  | 10.1  | 30.3  |

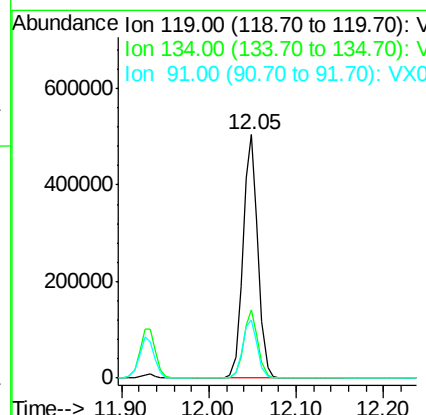
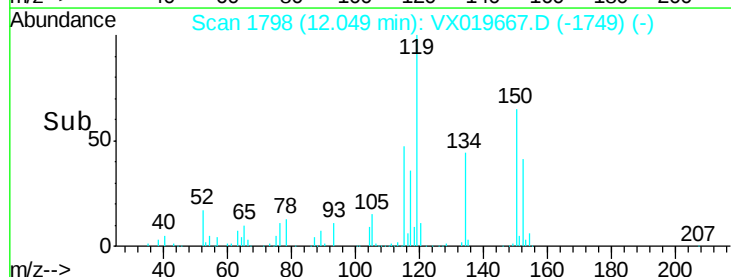
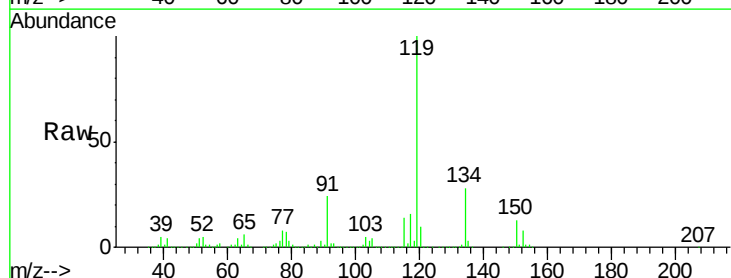
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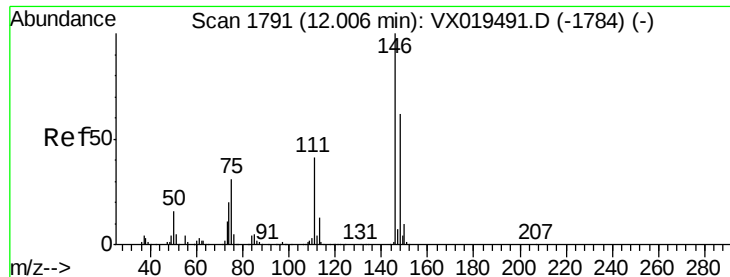
MMDadoda  
 11/30/2020 9:54:05 AM



#86  
 p-Isopropyltoluene  
 Concen: 50.668 ug/l  
 RT: 12.05 min Scan# 1798  
 Delta R.T. -0.00 min  
 Lab File: VX019667.D  
 Acq: 25 Nov 2020 19:24

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 119     | 100   |       |       |
| 134     | 26.9  | 13.1  | 39.3  |
| 91      | 24.1  | 11.8  | 35.4  |





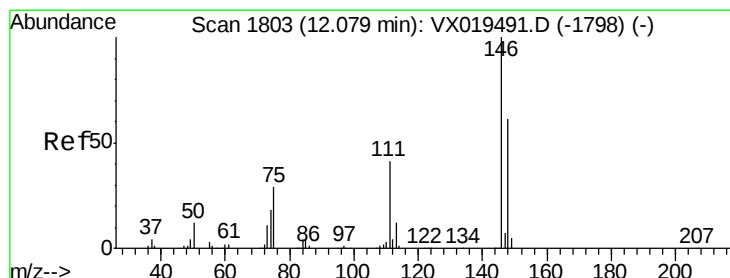
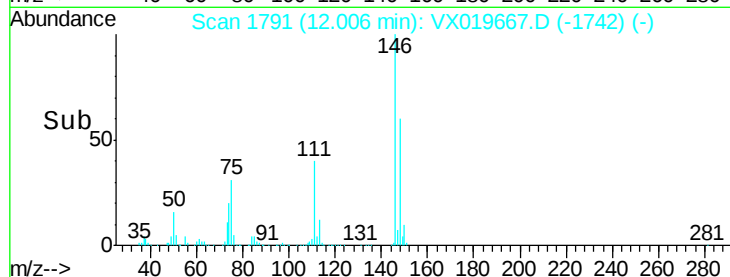
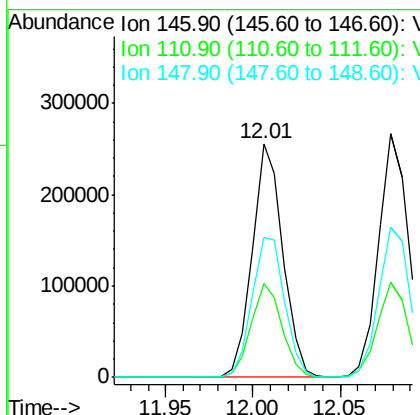
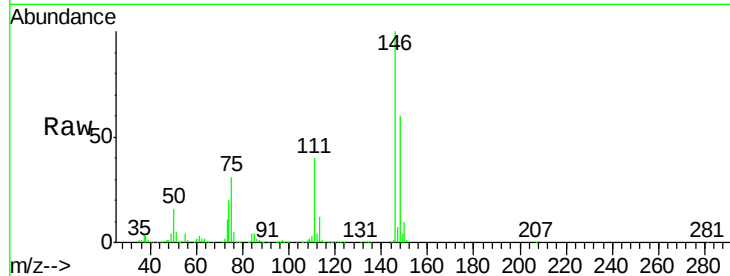
#87  
 1,3-Dichlorobenzene  
 Concen: 49.289 ug/l  
 RT: 12.01 min Scan# 1791  
 Delta R.T. -0.00 min  
 Lab File: VX019667.D  
 Acq: 25 Nov 2020 19:24

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050EC

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 40.7  | 20.2  | 60.6  |
| 148     | 64.2  | 31.4  | 94.2  |

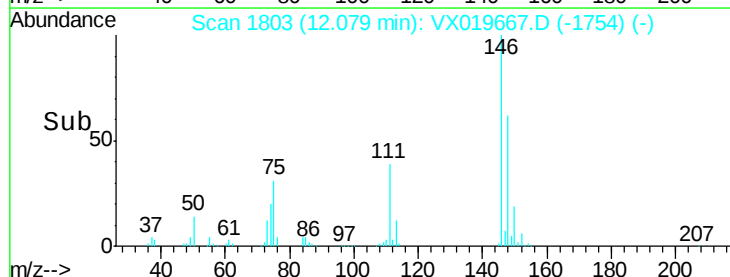
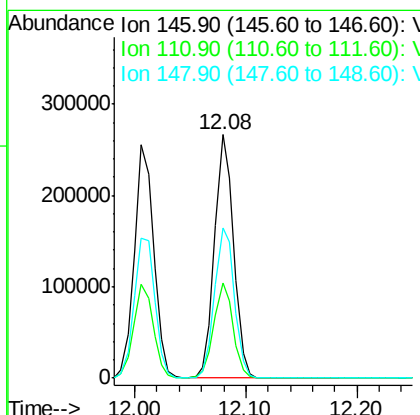
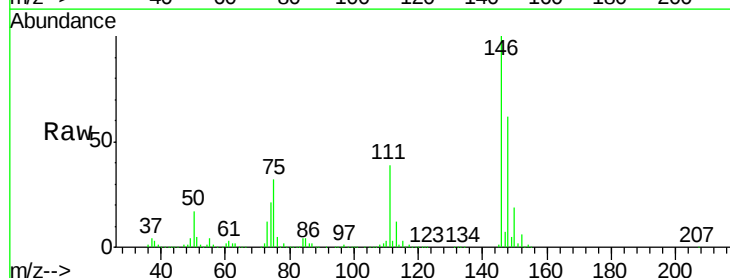
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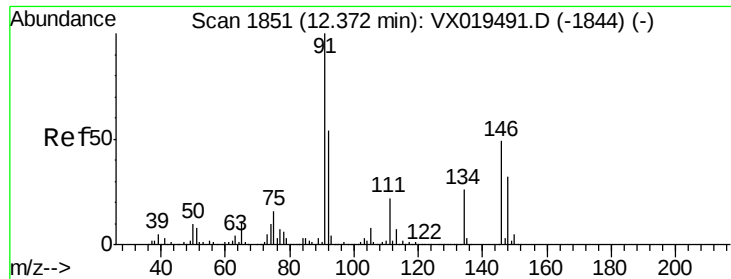
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#88  
 1,4-Dichlorobenzene  
 Concen: 48.872 ug/l  
 RT: 12.08 min Scan# 1803  
 Delta R.T. -0.00 min  
 Lab File: VX019667.D  
 Acq: 25 Nov 2020 19:24

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 39.4  | 19.9  | 59.6  |
| 148     | 63.8  | 31.7  | 95.1  |





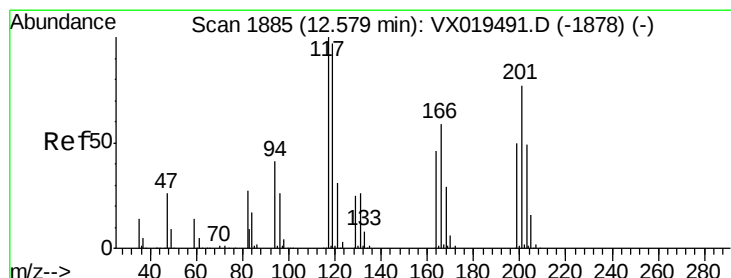
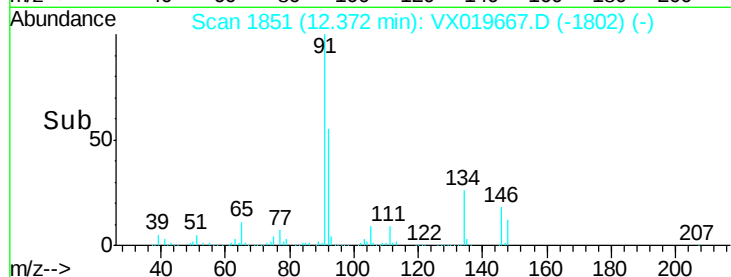
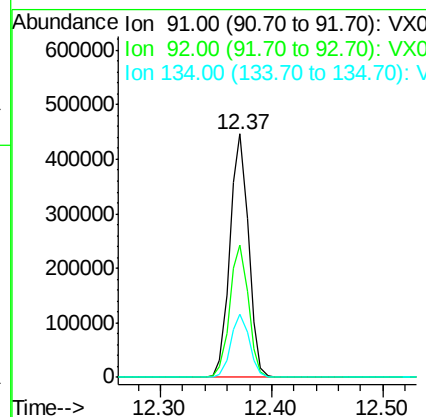
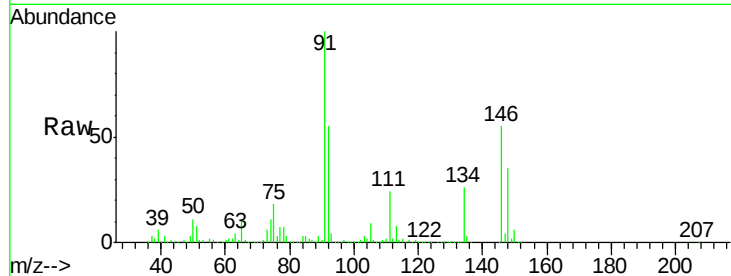
#89  
n-Butylbenzene  
Concen: 48.392 ug/l  
RT: 12.37 min Scan# 1851  
Delta R.T. -0.00 min  
Lab File: VX019667.D  
Acq: 25 Nov 2020 19:24

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 91      | 100   |       |       |
| 92      | 54.4  | 26.9  | 80.6  |
| 134     | 25.8  | 12.9  | 38.6  |

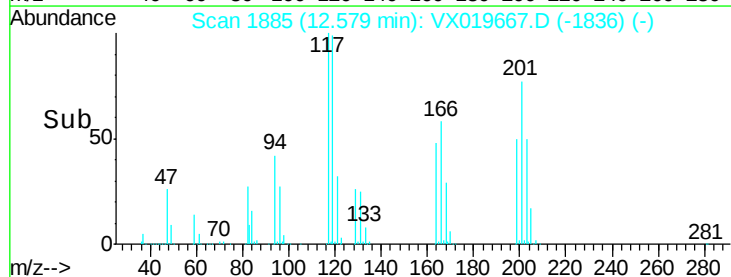
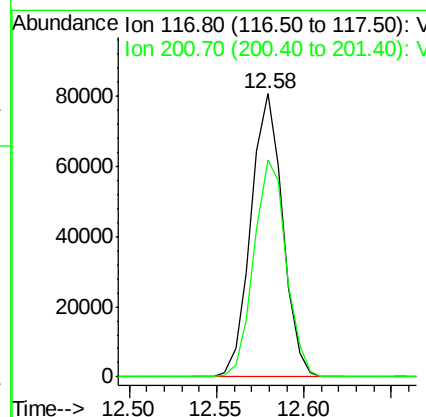
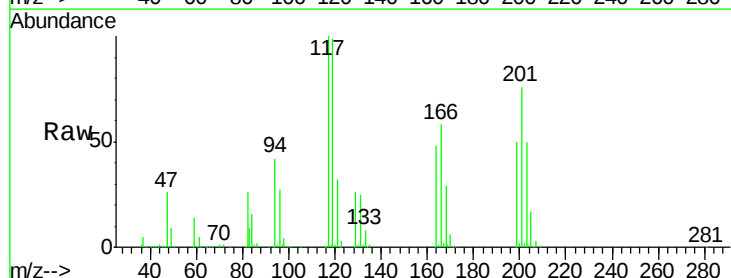
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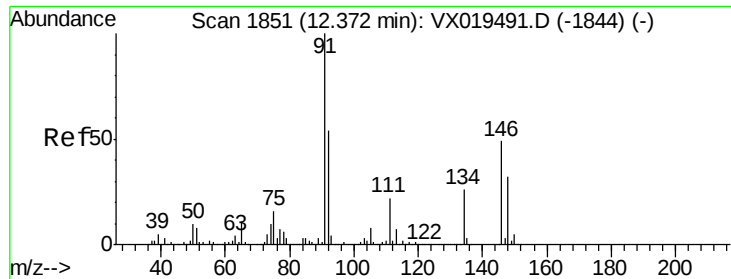
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#90  
Hexachloroethane  
Concen: 51.624 ug/l  
RT: 12.58 min Scan# 1885  
Delta R.T. -0.00 min  
Lab File: VX019667.D  
Acq: 25 Nov 2020 19:24

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 201     | 77.9  | 39.4  | 118.2 |





#91

1,2-Dichlorobenzene

Concen: 49.937 ug/l

RT: 12.37 min Scan# 1851

Delta R.T. -0.00 min

Lab File: VX019667.D

Acq: 25 Nov 2020 19:24

Instrument :

MSVOA\_X

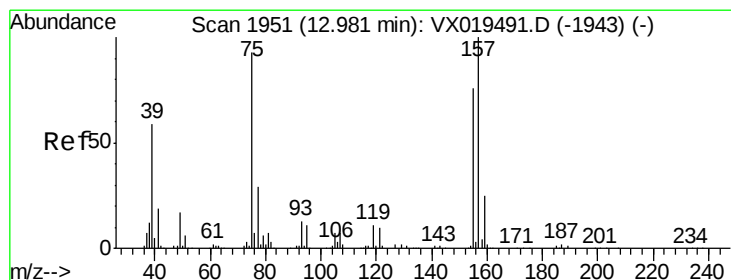
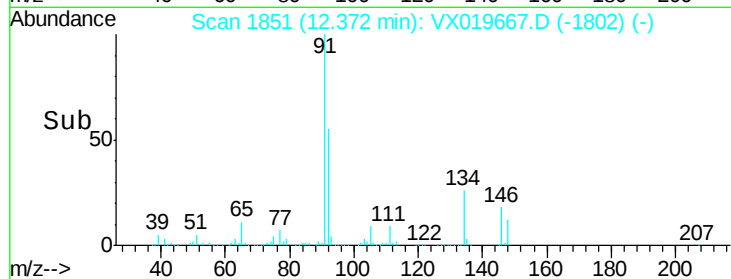
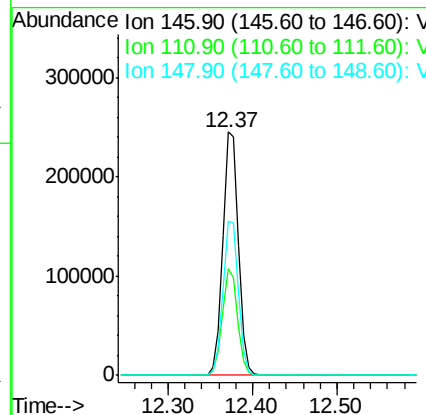
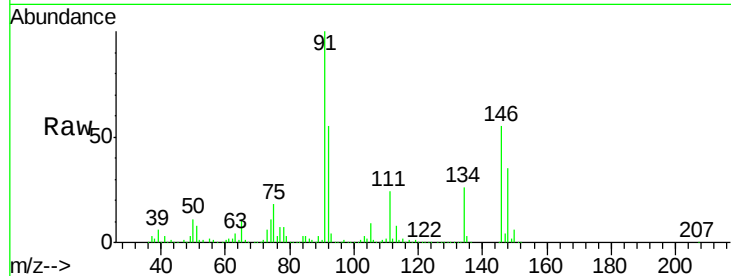
ClientSampleId :

VSTDCCC050EC

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 146   | Resp: | 315787 |
| Ion Ratio | Lower | Upper |        |
| 146       | 100   |       |        |
| 111       | 42.6  | 21.1  | 63.3   |
| 148       | 63.4  | 32.4  | 97.0   |

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#92

1,2-Dibromo-3-Chloropropane

Concen: 53.473 ug/l

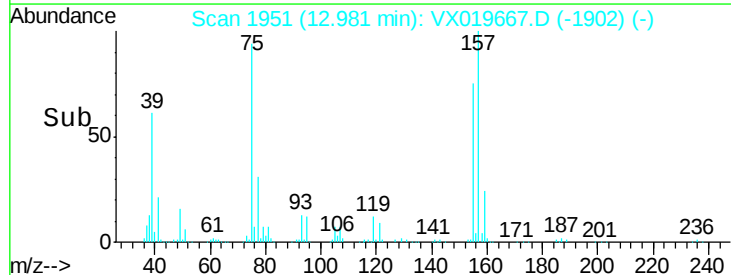
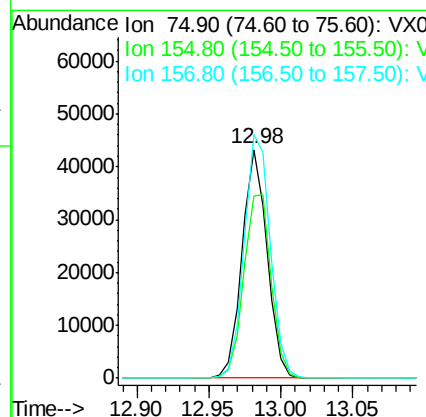
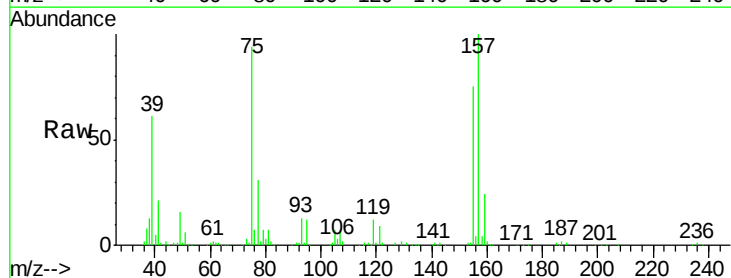
RT: 12.98 min Scan# 1951

Delta R.T. -0.00 min

Lab File: VX019667.D

Acq: 25 Nov 2020 19:24

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 75    | Resp: | 52391 |
| Ion Ratio | Lower | Upper |       |
| 75        | 100   |       |       |
| 155       | 86.7  | 43.6  | 130.9 |
| 157       | 110.8 | 57.0  | 170.8 |





#93

1,2,4-Trichlorobenzene

Concen: 49.327 ug/l

RT: 13.63 min Scan# 2057

Delta R.T. -0.00 min

Lab File: VX019667.D

Acq: 25 Nov 2020 19:24

Instrument :

MSVOA\_X

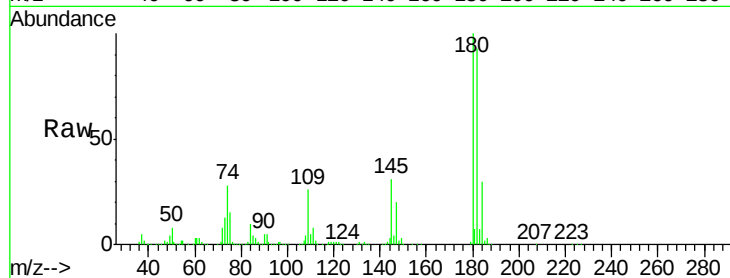
ClientSampleId :

VSTDCCC050EC

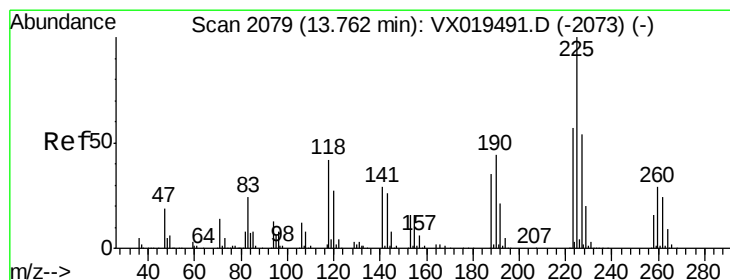
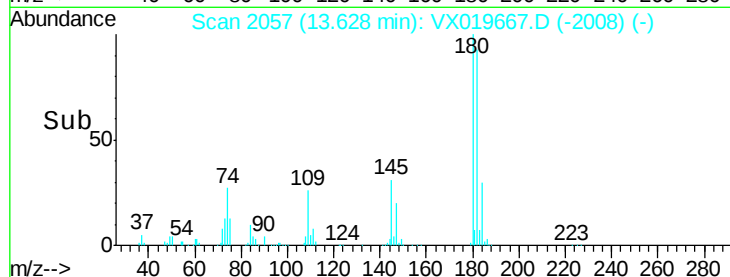
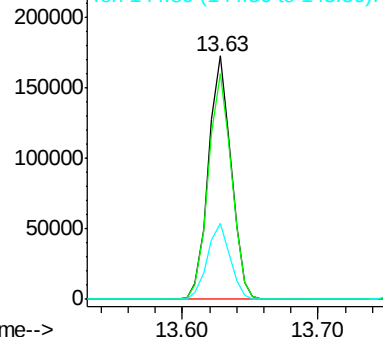
|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 180   | Resp: | 200264 |
| Ion Ratio | Lower | Upper |        |
| 180       | 100   |       |        |
| 182       | 94.7  | 48.6  | 145.9  |
| 145       | 31.4  | 15.9  | 47.7   |

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Abundance Ion 179.80 (179.50 to 180.50): V  
Ion 181.80 (181.50 to 182.50): V  
Ion 144.80 (144.50 to 145.50): V



#94

Hexachlorobutadiene

Concen: 42.800 ug/l

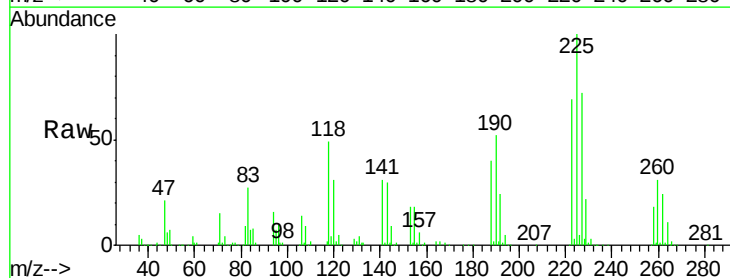
RT: 13.76 min Scan# 2079

Delta R.T. -0.00 min

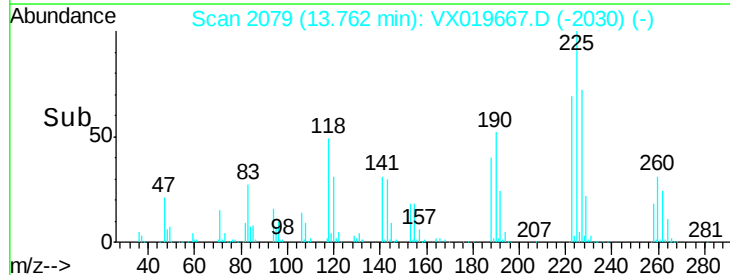
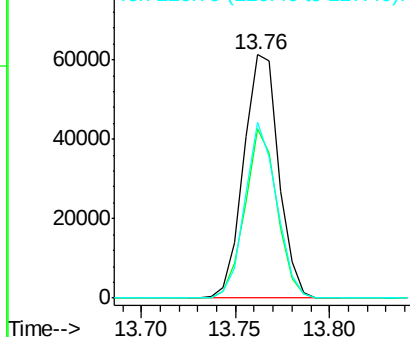
Lab File: VX019667.D

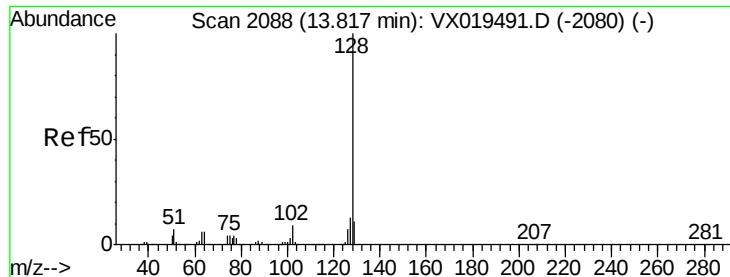
Acq: 25 Nov 2020 19:24

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 225   | Resp: | 79156 |
| Ion Ratio | Lower | Upper |       |
| 225       | 100   |       |       |
| 223       | 63.6  | 32.5  | 97.5  |
| 227       | 65.1  | 32.8  | 98.3  |



Abundance Ion 224.70 (224.40 to 225.40): V  
Ion 222.70 (222.40 to 223.40): V  
Ion 226.70 (226.40 to 227.40): V





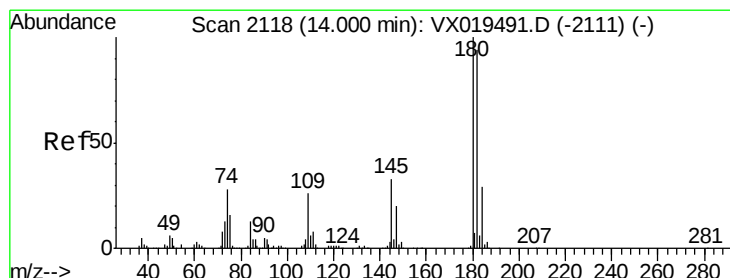
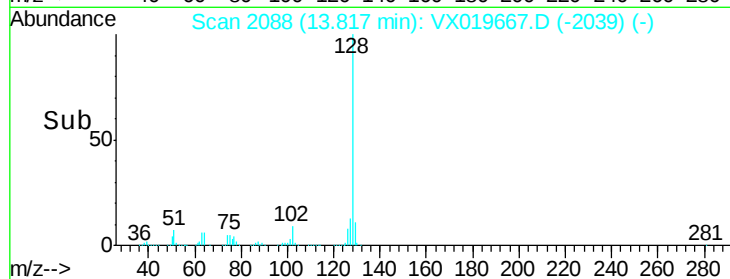
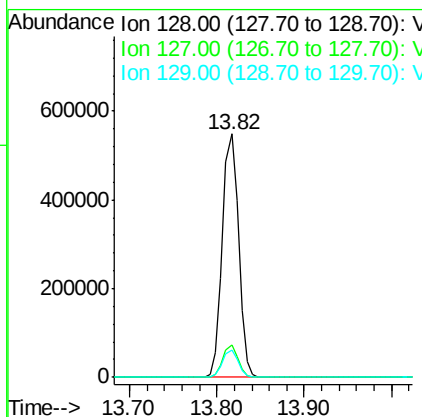
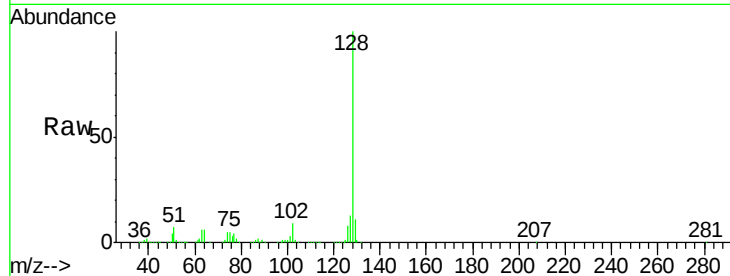
#95  
Naphthalene  
Concen: 49.034 ug/l  
RT: 13.82 min Scan# 2088  
Delta R.T. 0.00 min  
Lab File: VX019667.D  
Acq: 25 Nov 2020 19:24

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 128     | 100   |       |       |
| 127     | 12.8  | 10.3  | 15.5  |
| 129     | 11.0  | 8.7   | 13.1  |

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#96  
1,2,3-Trichlorobenzene  
Concen: 50.682 ug/l  
RT: 14.00 min Scan# 2118  
Delta R.T. -0.00 min  
Lab File: VX019667.D  
Acq: 25 Nov 2020 19:24

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 91.5  | 48.1  | 144.3 |
| 145     | 32.3  | 16.6  | 49.8  |

