

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062520\  
 Data File : VX016950.D  
 Acq On : 25 Jun 2020 13:27  
 Operator : JC/SP  
 Sample : VSTDIC050  
 Misc : 5.0mL/MSVOA X/WATER  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDIC050

Manual Integrations  
 APPROVED

MMDadoda  
 6/26/2020 3:33:48 PM

Quant Time: Jun 26 08:59:38 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X062520W.M  
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS  
 QLast Update : Fri Jun 26 08:49:19 2020  
 Response via : Initial Calibration

| Internal Standards      | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------|-------|------|----------|-------|-------|----------|
| 1) Bromochloromethane   | 4.98  | 128  | 39773    | 30.00 | ug/l  | 0.00     |
| 28) 1,4-Difluorobenzene | 6.83  | 114  | 214000   | 30.00 | ug/l  | 0.00     |
| 57) Chlorobenzene-d5    | 10.10 | 117  | 199702   | 30.00 | ug/l  | 0.00     |

## System Monitoring Compounds

|                           |        |       |          |          |      |         |
|---------------------------|--------|-------|----------|----------|------|---------|
| 27) 1,2-Dichloroethane-d4 | 6.03   | 65    | 91077    | 29.42    | ug/l | 0.00    |
| Spiked Amount             | 30.000 | Range | 50 - 169 | Recovery | =    | 98.07%  |
| 60) 4-Bromofluorobenzene  | 11.12  | 95    | 100039   | 30.04    | ug/l | 0.00    |
| Spiked Amount             | 30.000 | Range | 56 - 143 | Recovery | =    | 100.13% |
| 63) Toluene-d8            | 8.70   | 98    | 264396   | 30.03    | ug/l | 0.00    |
| Spiked Amount             | 30.000 | Range | 66 - 137 | Recovery | =    | 100.10% |

## Target Compounds

|                               |      |     |        |         | Ovalue     |
|-------------------------------|------|-----|--------|---------|------------|
| 2) Dichlorodifluoromethane    | 1.18 | 85  | 90816  | 46.956  | ug/l 95    |
| 3) Chloromethane              | 1.31 | 50  | 127206 | 48.500  | ug/l 99    |
| 4) Vinyl Chloride             | 1.39 | 62  | 128863 | 48.179  | ug/l 98    |
| 5) Bromomethane               | 1.62 | 94  | 95808  | 49.749  | ug/l 98    |
| 6) Chloroethane               | 1.71 | 64  | 83566  | 48.443  | ug/l 99    |
| 7) Trichlorofluoromethane     | 1.92 | 101 | 212144 | 48.771  | ug/l 99    |
| 8) Diethyl Ether              | 2.17 | 74  | 76295  | 48.204  | ug/l 99    |
| 9) 1,1,2-Trichlorotrifluoroet | 2.36 | 101 | 113600 | 49.207  | ug/l 98    |
| 10) 1,1-Dichloroethene        | 2.36 | 96  | 110619 | 48.583  | ug/l 93    |
| 11) Methyl Iodide             | 2.49 | 142 | 149662 | 49.228  | ug/l 99    |
| 12) Methyl Acetate            | 2.75 | 43  | 136911 | 47.670  | ug/l 97    |
| 13) Acrolein                  | 2.27 | 56  | 106358 | 234.686 | ug/l 100   |
| 14) Acrylonitrile             | 3.12 | 53  | 327294 | 240.605 | ug/l 99    |
| 15) Acetone                   | 2.42 | 58  | 84546  | 240.168 | ug/l 95    |
| 16) Carbon Disulfide          | 2.55 | 76  | 346229 | 48.371  | ug/l 99    |
| 17) Allyl chloride            | 2.71 | 41  | 209246 | 49.091  | ug/l 95    |
| 18) Methylene Chloride        | 2.84 | 84  | 131692 | 48.020  | ug/l 93    |
| 19) trans-1,2-Dichloroethene  | 3.14 | 96  | 125421 | 48.617  | ug/l 99    |
| 20) Diisopropyl ether         | 3.82 | 45  | 414710 | 48.685  | ug/l 95    |
| 21) 1,1-Dichloroethane        | 3.67 | 63  | 227570 | 48.449  | ug/l 99    |
| 22) cis-1,2-Dichloroethene    | 4.56 | 96  | 140209 | 48.815  | ug/l 99    |
| 23) tert-Butyl Alcohol        | 3.01 | 59  | 143626 | 900.759 | ug/l # 100 |
| 24) Methyl tert-Butyl Ether   | 3.17 | 73  | 397027 | 48.835  | ug/l 99    |
| 25) Chloroform                | 5.18 | 83  | 231190 | 48.546  | ug/l 99    |
| 26) Cyclohexane               | 5.55 | 56  | 201034 | 49.064  | ug/l # 96  |
| 29) 1,1-Dichloropropene       | 5.77 | 75  | 176364 | 50.590  | ug/l 98    |
| 30) 2-Butanone                | 4.64 | 43  | 449085 | 247.140 | ug/l 99    |
| 31) 2,2-Dichloropropane       | 4.55 | 77  | 197971 | 49.516  | ug/l 99    |
| 32) 1,1,1-Trichloroethane     | 5.46 | 97  | 208755 | 49.488  | ug/l 99    |
| 33) Carbon Tetrachloride      | 5.76 | 117 | 187336 | 50.077  | ug/l 97    |
| 34) Benzene                   | 6.11 | 78  | 505102 | 49.760  | ug/l 100   |
| 35) Methacrylonitrile         | 5.00 | 41  | 99582  | 49.656  | ug/l 98    |
| 36) 1,2-Dichloroethane        | 6.16 | 62  | 192117 | 49.417  | ug/l 98    |
| 37) Trichloroethene           | 7.19 | 130 | 135814 | 49.033  | ug/l 93    |
| 38) Methylcyclohexane         | 7.44 | 83  | 204907 | 51.613  | ug/l 99    |
| 39) 1,2-Dichloropropane       | 7.49 | 63  | 132513 | 50.108  | ug/l 94    |
| 40) Dibromomethane            | 7.63 | 93  | 91063  | 49.962  | ug/l 97    |

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062520\  
 Data File : VX016950.D  
 Acq On : 25 Jun 2020 13:27  
 Operator : JC/SP  
 Sample : VSTDIC050  
 Misc : 5.0mL/MSVOA X/WATER  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleID :  
 VSTDIC050

Manual Integrations  
 APPROVED

MMDadoda  
 6/26/2020 3:33:48 PM

Quant Time: Jun 26 08:59:38 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X062520W.M  
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS  
 QLast Update : Fri Jun 26 08:49:19 2020  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc     | Units | Dev(Min) |
|--------------------------------|-------|------|----------|----------|-------|----------|
| 41) Bromodichloromethane       | 7.87  | 83   | 189229   | 50.138   | ug/l  | 95       |
| 42) Vinyl Acetate              | 3.78  | 43   | 1842147  | 251.568  | ug/l  | 100      |
| 43) Ethyl Acetate              | 4.79  | 43   | 183033   | 48.751   | ug/l  | 99       |
| 44) Isopropyl Acetate          | 6.41  | 43   | 308185   | 49.674   | ug/l  | 100      |
| 45) 1,4-Dioxane                | 7.71  | 88   | 63671    | 1017.266 | ug/l  | 98       |
| 46) Methyl methacrylate        | 7.74  | 41   | 146321   | 50.963   | ug/l  | 99       |
| 47) n-amyl Acetate             | 10.88 | 43   | 278194   | 50.729   | ug/l  | 99       |
| 48) t-1,3-Dichloropropene      | 9.02  | 75   | 211301   | 50.634   | ug/l  | 94       |
| 49) cis-1,3-Dichloropropene    | 8.42  | 75   | 220937   | 50.377   | ug/l  | 100      |
| 50) 1,1,2-Trichloroethane      | 9.20  | 97   | 127537   | 50.138   | ug/l  | 98       |
| 51) Ethyl methacrylate         | 9.16  | 69   | 197784   | 50.665   | ug/l  | 98       |
| 52) 1,3-Dichloropropane        | 9.35  | 76   | 219708   | 50.309   | ug/l  | 97       |
| 53) Dibromochloromethane       | 9.57  | 129  | 147901   | 50.587   | ug/l  | 99       |
| 54) 1,2-Dibromoethane          | 9.65  | 107  | 134156   | 49.702   | ug/l  | 99       |
| 55) 2-Chloroethyl vinyl ether  | 8.29  | 63   | 531302   | 258.630  | ug/l  | 100      |
| 56) Bromoform                  | 10.84 | 173  | 104794   | 50.494   | ug/l  | 98       |
| 58) 4-Methyl-2-Pentanone       | 8.62  | 43   | 908317   | 246.922  | ug/l  | 100      |
| 59) 2-Hexanone                 | 9.47  | 43   | 677674   | 246.843  | ug/l  | 99       |
| 61) Tetrachloroethene          | 9.32  | 164  | 126305   | 49.594   | ug/l  | 97       |
| 62) Toluene                    | 8.76  | 91   | 545413   | 49.934   | ug/l  | 100      |
| 64) Chlorobenzene              | 10.12 | 112  | 343526   | 50.201   | ug/l  | 99       |
| 65) 1,1,1,2-Tetrachloroethane  | 10.20 | 131  | 128675   | 49.949   | ug/l  | 99       |
| 66) Ethyl Benzene              | 10.23 | 91   | 619192   | 51.119   | ug/l  | 98       |
| 67) m/p-Xylenes                | 10.34 | 106  | 466184   | 102.024  | ug/l  | 99       |
| 68) o-Xylene                   | 10.68 | 106  | 221009   | 50.352   | ug/l  | 100      |
| 69) Styrene                    | 10.70 | 104  | 381864   | 50.811   | ug/l  | 98       |
| 70) Isopropylbenzene           | 11.00 | 105  | 600022   | 50.401   | ug/l  | 99       |
| 71) 1,1,2,2-Tetrachloroethane  | 11.25 | 83   | 182345   | 49.873   | ug/l  | 98       |
| 72) 1,2,3-Trichloropropane     | 11.28 | 75   | 177353m  | 50.512   | ug/l  |          |
| 73) Bromobenzene               | 11.24 | 156  | 148880   | 49.552   | ug/l  | 97       |
| 74) n-propylbenzene            | 11.34 | 91   | 717442   | 50.756   | ug/l  | 99       |
| 75) 2-Chlorotoluene            | 11.40 | 91   | 415094   | 50.359   | ug/l  | 98       |
| 76) 1,3,5-Trimethylbenzene     | 11.49 | 105  | 507600   | 50.797   | ug/l  | 99       |
| 77) t-1,4-Dichloro-2-butene    | 11.05 | 75   | 70210    | 49.343   | ug/l  | 94       |
| 78) 4-Chlorotoluene            | 11.49 | 91   | 494620   | 50.681   | ug/l  | 98       |
| 79) tert-butylbenzene          | 11.76 | 119  | 489996   | 51.187   | ug/l  | 98       |
| 80) 1,2,4-Trimethylbenzene     | 11.79 | 105  | 512210   | 51.057   | ug/l  | 100      |
| 81) sec-Butylbenzene           | 11.93 | 105  | 595812   | 51.407   | ug/l  | 99       |
| 82) p-Isopropyltoluene         | 12.05 | 119  | 541552   | 51.750   | ug/l  | 100      |
| 83) 1,3-Dichlorobenzene        | 12.01 | 146  | 274126   | 50.913   | ug/l  | 98       |
| 84) 1,4-Dichlorobenzene        | 12.08 | 146  | 271990   | 50.277   | ug/l  | 99       |
| 85) n-Butylbenzene             | 12.37 | 91   | 502784   | 51.906   | ug/l  | 99       |
| 86) Hexachloroethane           | 12.58 | 117  | 104327   | 50.941   | ug/l  | 99       |
| 87) 1,2-Dichlorobenzene        | 12.38 | 146  | 251315   | 49.868   | ug/l  | 99       |
| 88) 1,2-Dibromo-3-Chloropropan | 12.98 | 75   | 40722    | 48.955   | ug/l  | 98       |
| 89) 1,2,4-Trichlorobenzene     | 13.63 | 180  | 169397   | 49.822   | ug/l  | 97       |
| 90) Hexachlorobutadiene        | 13.77 | 225  | 64595    | 49.942   | ug/l  | 98       |
| 91) Naphthalene                | 13.82 | 128  | 573269   | 51.439   | ug/l  | 99       |
| 92) 1,2,3-Trichlorobenzene     | 14.01 | 180  | 166748   | 50.255   | ug/l  | 97       |

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062520\  
Data File : VX016950.D  
Acq On : 25 Jun 2020 13:27  
Operator : JC/SP  
Sample : VSTDICC050  
Misc : 5.0mL/MSVOA X/WATER  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDICC050

Manual Integrations  
APPROVED

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6/26/2020 3:33:48 PM

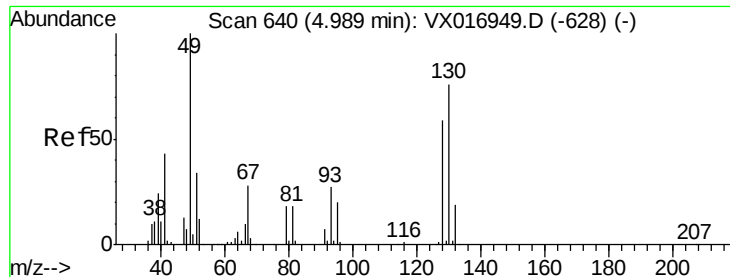
Quant Time: Jun 26 08:59:38 2020  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X062520W.M  
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS  
QLast Update : Fri Jun 26 08:49:19 2020  
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|--------------------|------|------|----------|------|-------|----------|
|--------------------|------|------|----------|------|-------|----------|

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





#1

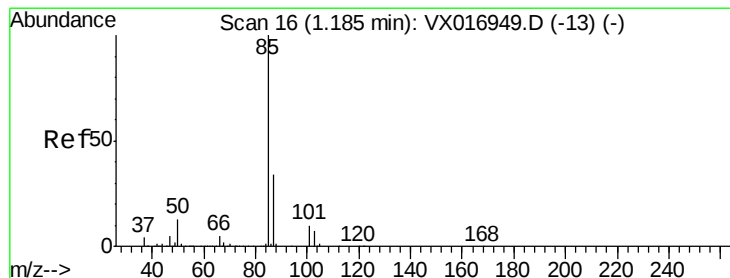
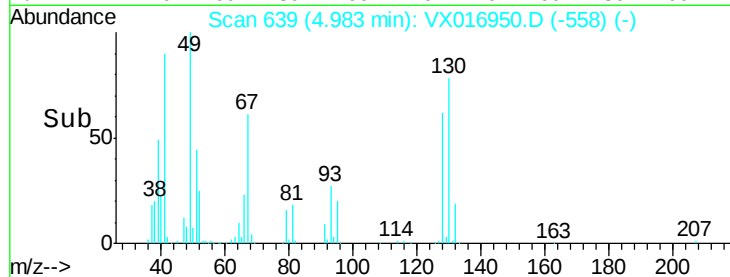
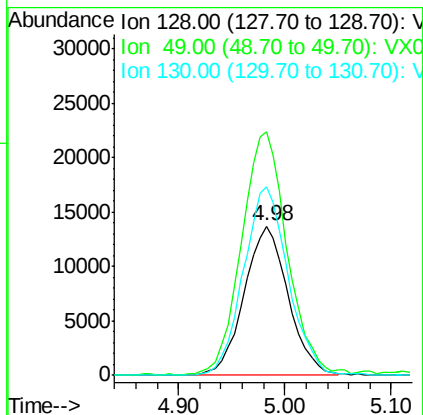
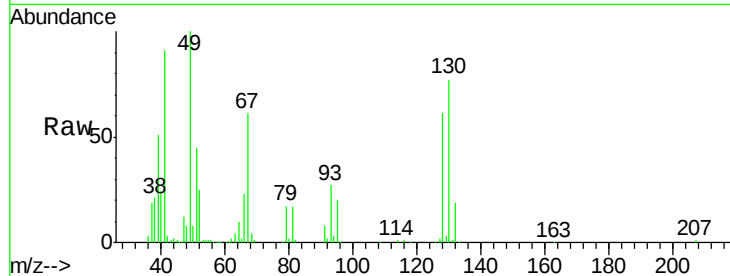
Bromochloromethane  
Concen: 30.000 ug/l  
RT: 4.98 min Scan# 639  
Delta R.T. -0.01 min  
Lab File: VX016950.D  
Acq: 25 Jun 2020 13:27

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 128     | 100   |       |       |
| 49      | 168.5 | 0.0   | 428.0 |
| 130     | 128.2 | 0.0   | 318.0 |

Manual Integrations  
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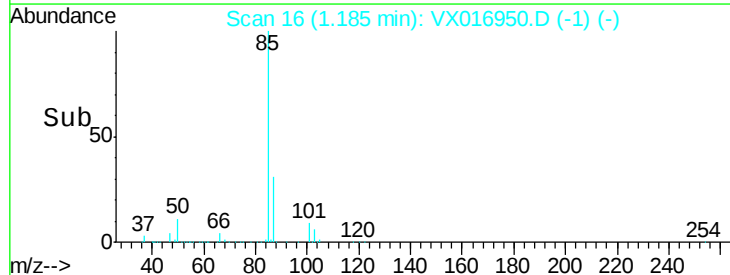
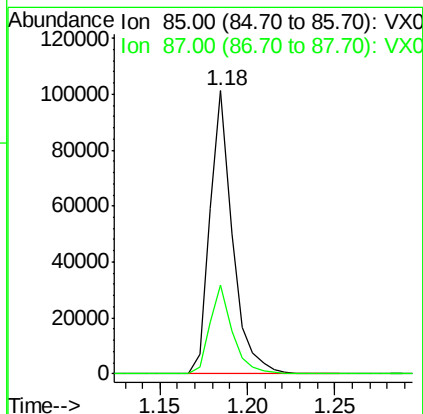
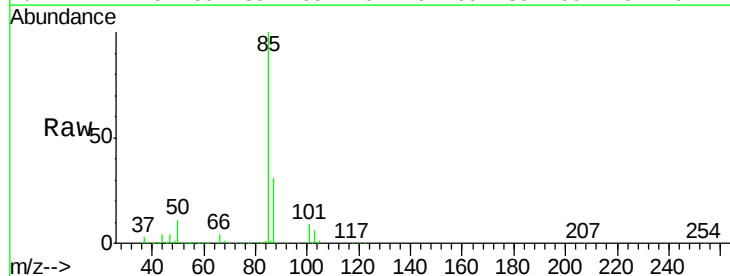
MMDadoda  
6/26/2020 3:33:48 PM

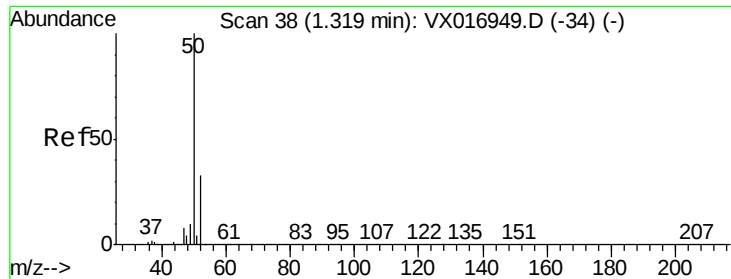


#2

Dichlorodifluoromethane  
Concen: 46.956 ug/l  
RT: 1.18 min Scan# 16  
Delta R.T. 0.00 min  
Lab File: VX016950.D  
Acq: 25 Jun 2020 13:27

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 85      | 100   |       |       |
| 87      | 31.1  | 16.9  | 50.7  |





#3

Chloromethane

Concen: 48.500 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.01 min

Lab File: VX016950.D

Acq: 25 Jun 2020 13:27

Instrument :

MSVOA\_X

ClientSampleId :

VSTDIC050

Tot Ion: 50 Resp: 127206

Ion Ratio Lower Upper

50 100

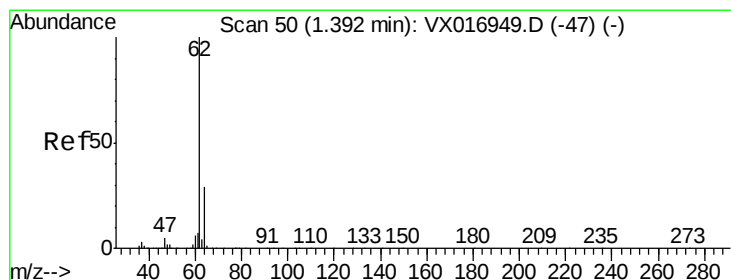
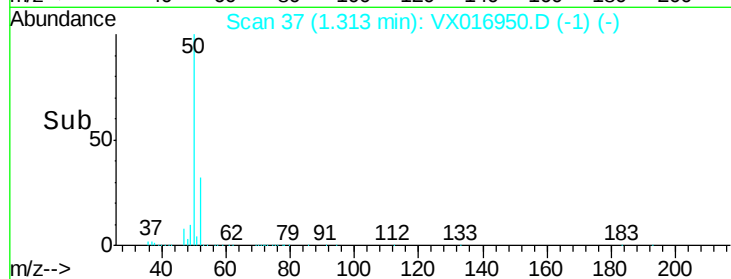
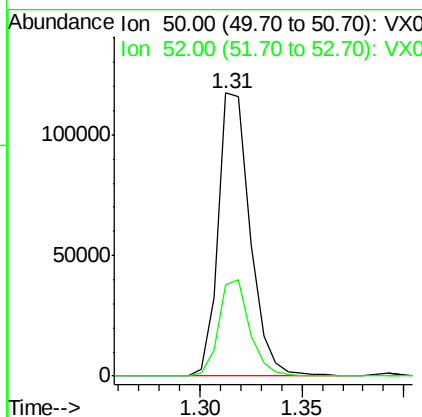
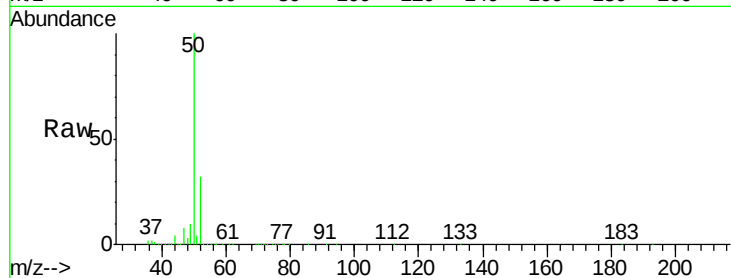
52 32.4 26.5 39.7

Manual Integrations

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6/26/2020 3:33:48 PM



#4

Vinyl Chloride

Concen: 48.179 ug/l

RT: 1.39 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX016950.D

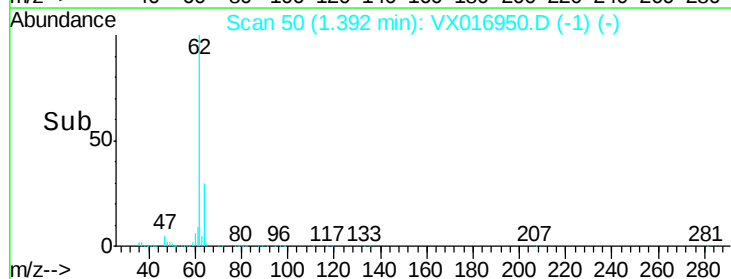
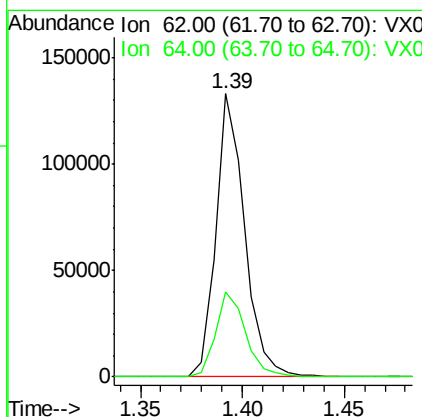
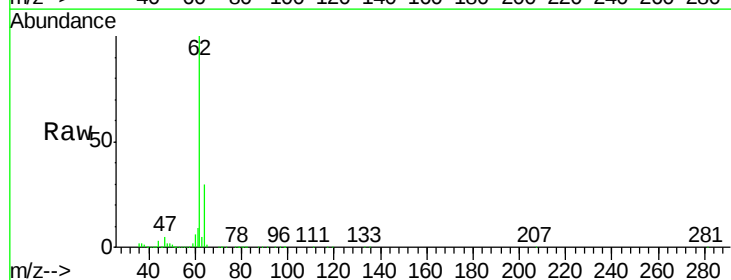
Acq: 25 Jun 2020 13:27

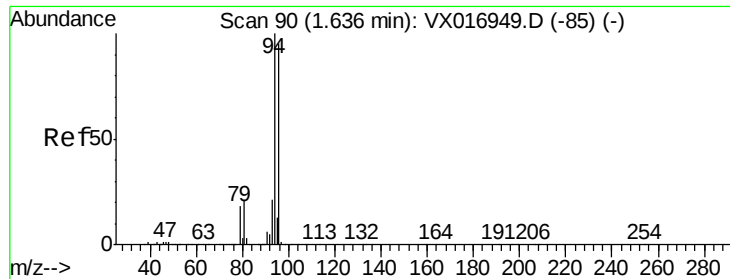
Tgt Ion: 62 Resp: 128863

Ion Ratio Lower Upper

62 100

64 30.2 23.4 35.0





#5

Bromomethane

Concen: 49.749 ug/l

RT: 1.62 min Scan# 88

Delta R.T. -0.01 min

Lab File: VX016950.D

Acq: 25 Jun 2020 13:27

Instrument :

MSVOA\_X

ClientSampleId :

VSTDIC050

Tot Ion: 94 Resp: 95808

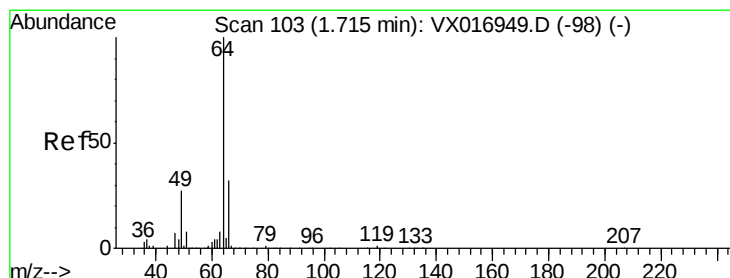
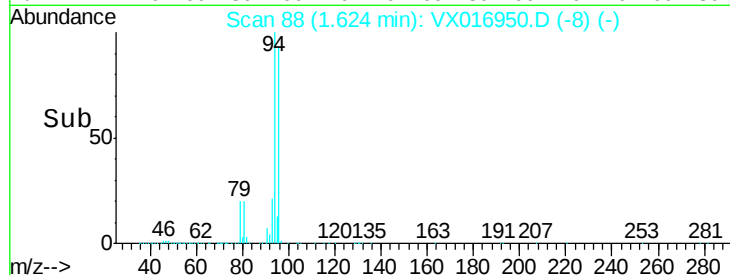
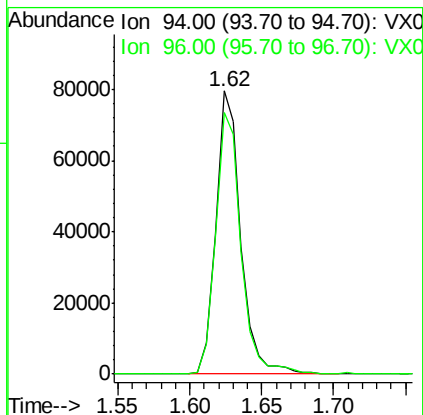
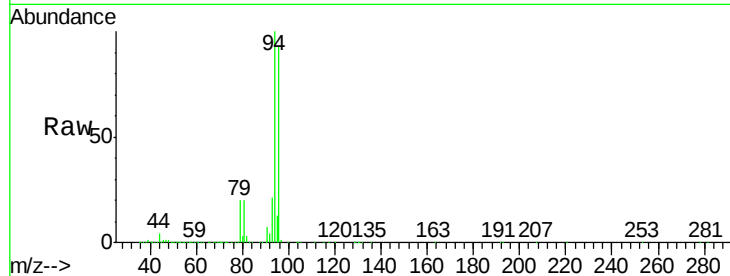
Ion Ratio Lower Upper

94 100

96 92.7 75.5 113.3

Manual Integrations  
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6/26/2020 3:33:48 PM



#6

Chloroethane

Concen: 48.443 ug/l

RT: 1.71 min Scan# 102

Delta R.T. -0.01 min

Lab File: VX016950.D

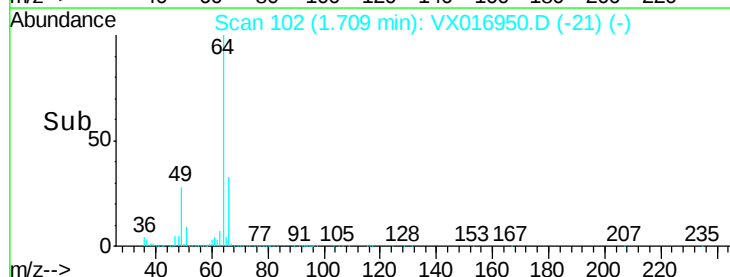
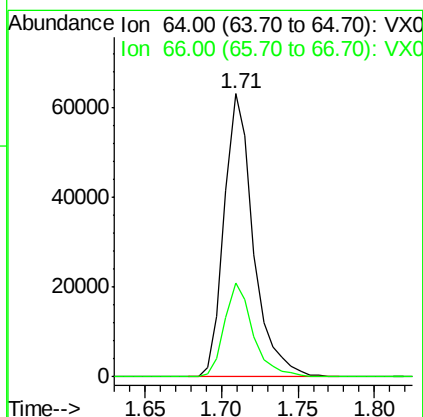
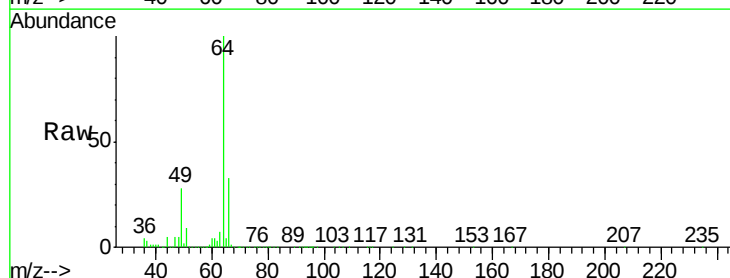
Acq: 25 Jun 2020 13:27

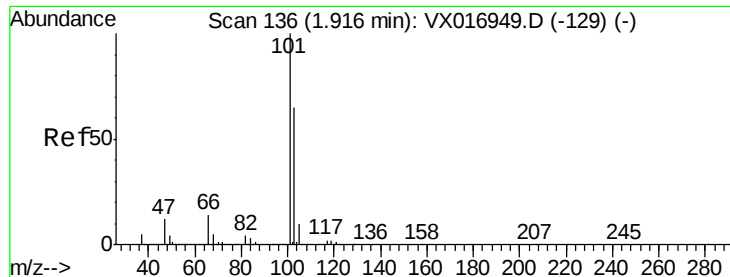
Tgt Ion: 64 Resp: 83566

Ion Ratio Lower Upper

64 100

66 33.0 26.1 39.1





#7

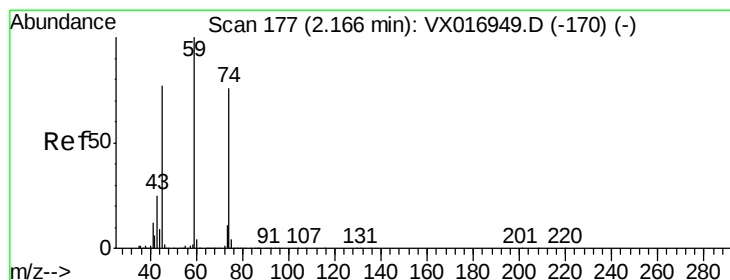
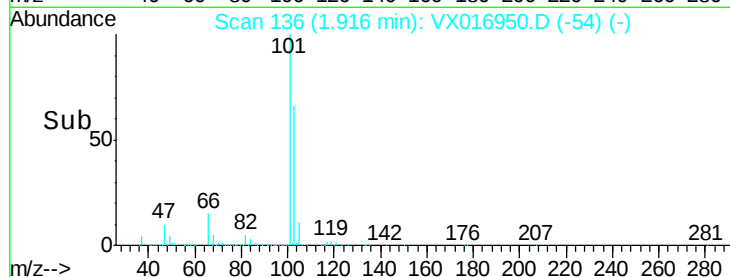
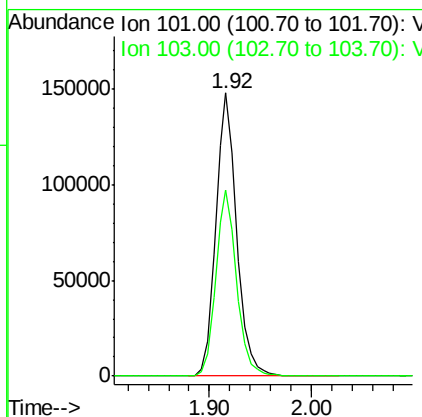
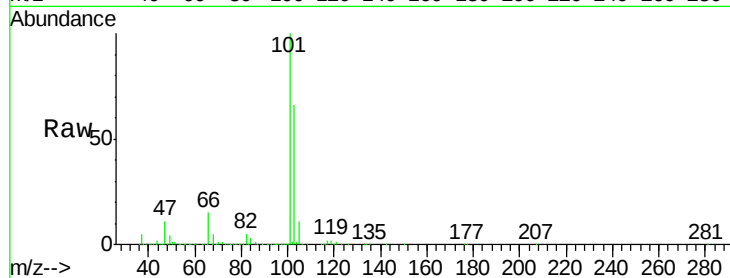
Trichlorofluoromethane  
Concen: 48.771 ug/l  
RT: 1.92 min Scan# 136  
Delta R.T. 0.00 min  
Lab File: VX016950.D  
Acq: 25 Jun 2020 13:27

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 101     | 100   |       |       |
| 103     | 65.8  | 52.1  | 78.1  |

Manual Integrations  
APPROVED

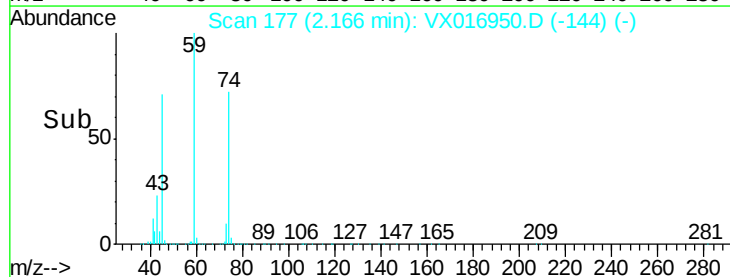
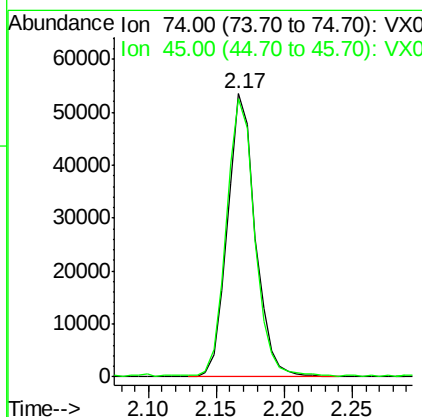
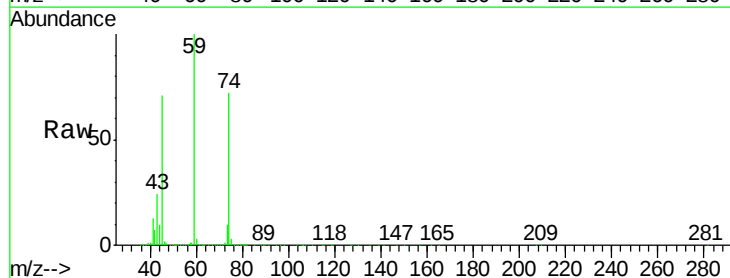
MMDadoda  
6/26/2020 3:33:48 PM

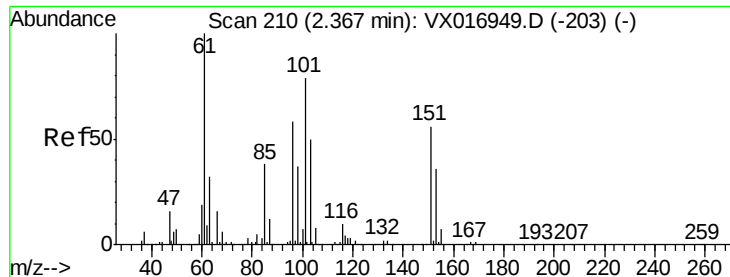


#8

Diethyl Ether  
Concen: 48.204 ug/l  
RT: 2.17 min Scan# 177  
Delta R.T. 0.00 min  
Lab File: VX016950.D  
Acq: 25 Jun 2020 13:27

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 74      | 100   |       |       |
| 45      | 99.5  | 19.8  | 178.2 |





#9

1,1,2-Trichlorotrifluoroethane

Concen: 49.207 ug/l

RT: 2.36 min Scan# 209

Delta R.T. -0.01 min

Lab File: VX016950.D

Acq: 25 Jun 2020 13:27

Instrument :

MSVOA\_X

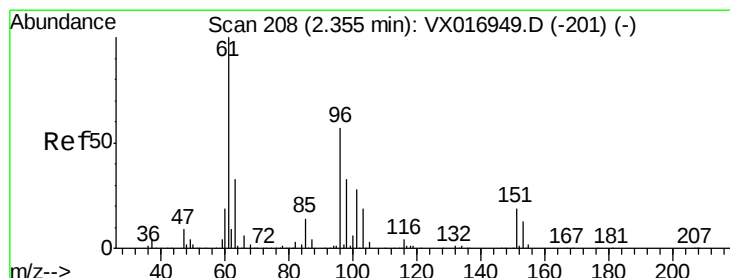
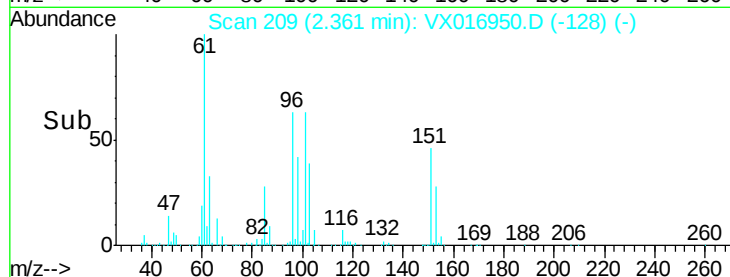
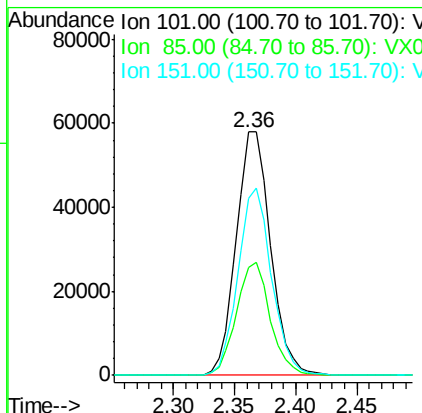
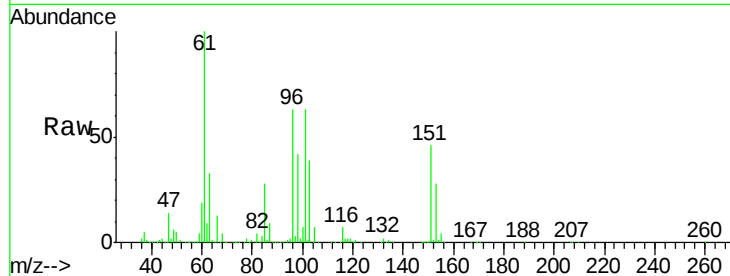
ClientSampleId :

VSTDIC050

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 101   | Resp: | 113600 |
| Ion Ratio | Lower | Upper |        |
| 101       | 100   |       |        |
| 85        | 45.6  | 0.0   | 94.6   |
| 151       | 75.0  | 0.0   | 145.8  |

Manual Integrations  
APPROVED

MMDadoda  
6/26/2020 3:33:48 PM



#10

1,1-Dichloroethene

Concen: 48.583 ug/l

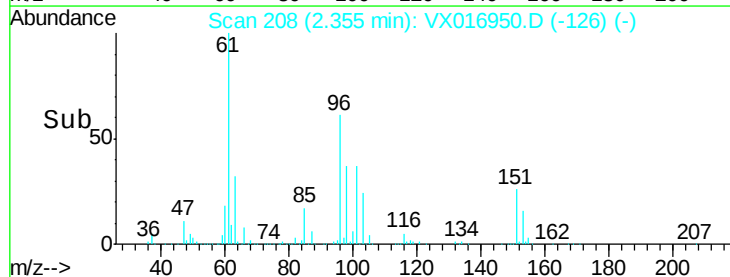
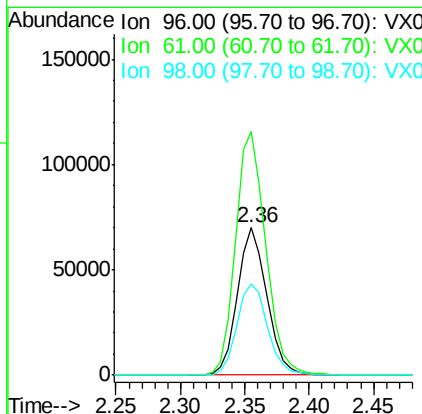
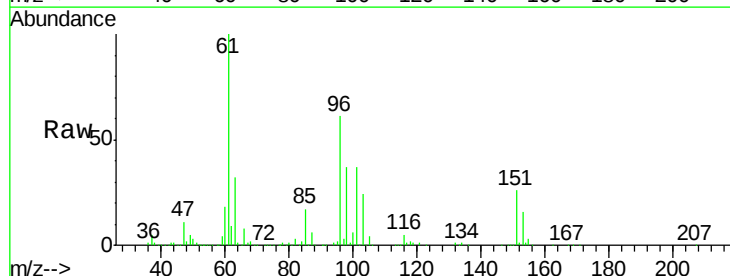
RT: 2.36 min Scan# 208

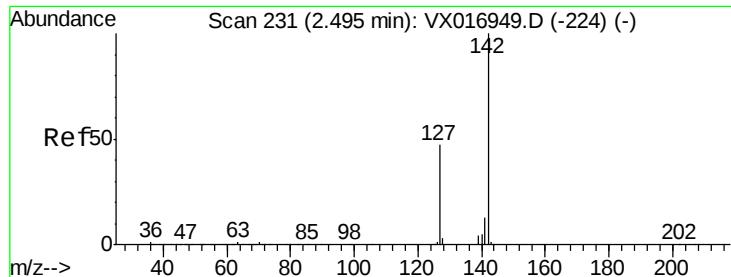
Delta R.T. 0.00 min

Lab File: VX016950.D

Acq: 25 Jun 2020 13:27

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 96    | Resp: | 110619 |
| Ion Ratio | Lower | Upper |        |
| 96        | 100   |       |        |
| 61        | 165.1 | 141.3 | 211.9  |
| 98        | 61.7  | 47.0  | 70.4   |





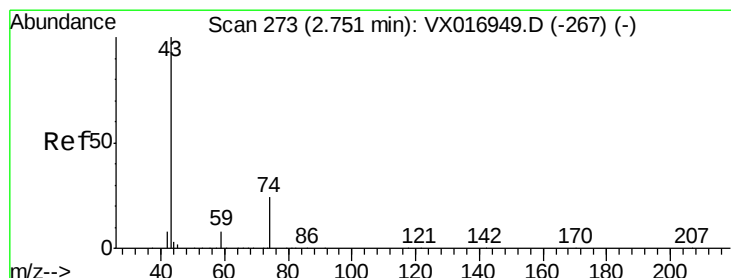
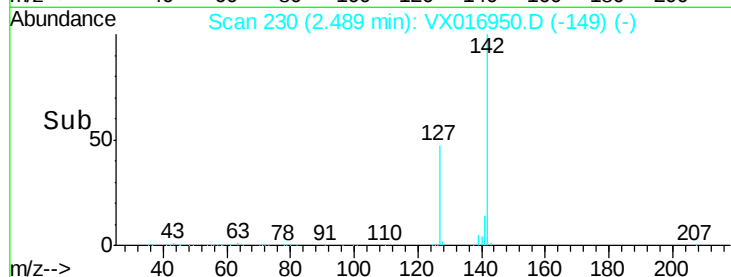
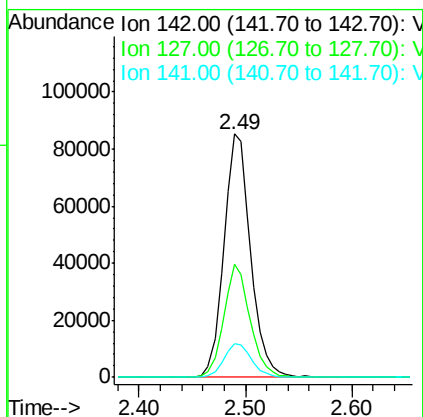
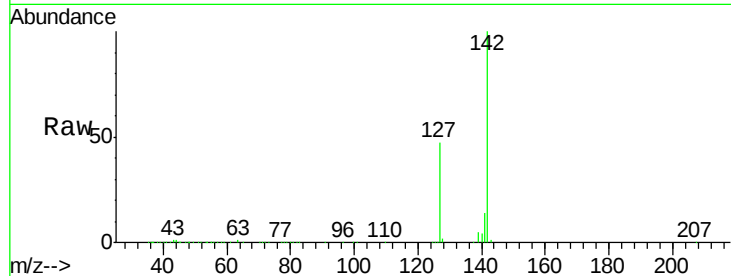
#11  
Methyl Iodide  
Concen: 49.228 ug/l  
RT: 2.49 min Scan# 230  
Delta R.T. -0.01 min  
Lab File: VX016950.D  
Acq: 25 Jun 2020 13:27

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 127     | 46.5  | 23.3  | 69.9  |
| 141     | 14.1  | 6.7   | 20.1  |

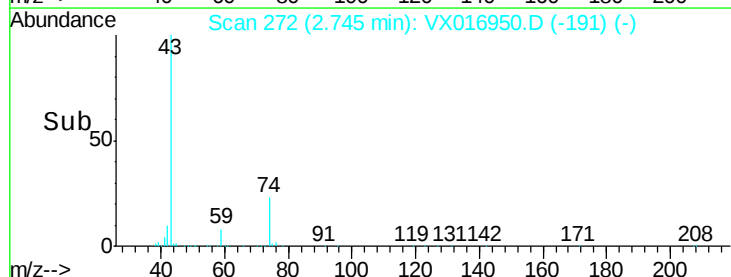
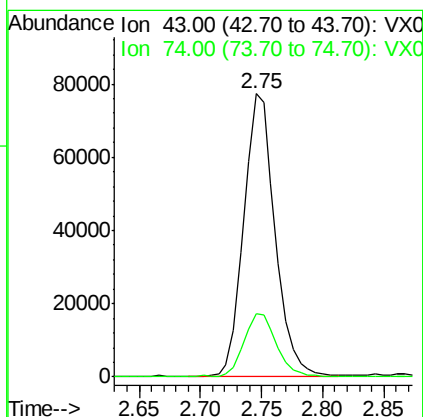
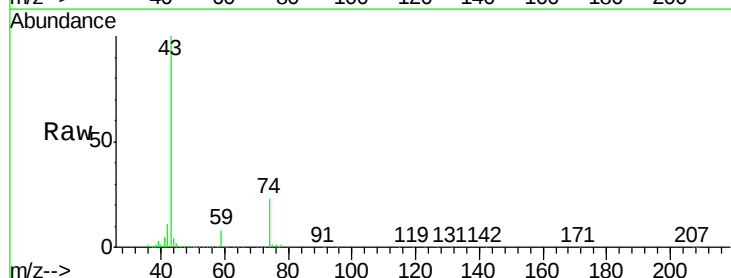
Manual Integrations  
APPROVED

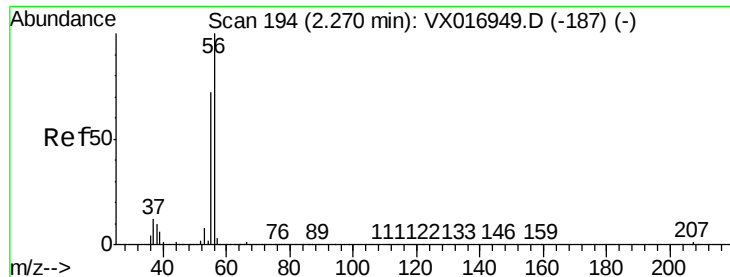
MMDadoda  
6/26/2020 3:33:48 PM



#12  
Methyl Acetate  
Concen: 47.670 ug/l  
RT: 2.75 min Scan# 272  
Delta R.T. -0.01 min  
Lab File: VX016950.D  
Acq: 25 Jun 2020 13:27

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 74      | 22.4  | 19.1  | 28.7  |





#13

Acrolein

Concen: 234.686 ug/l

RT: 2.27 min Scan# 194

Delta R.T. 0.00 min

Lab File: VX016950.D

Acq: 25 Jun 2020 13:27

Instrument :

MSVOA\_X

ClientSampleId :

VSTDIC050

Tot Ion: 56 Resp: 106358

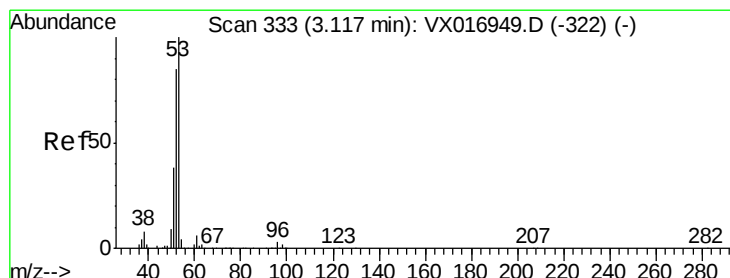
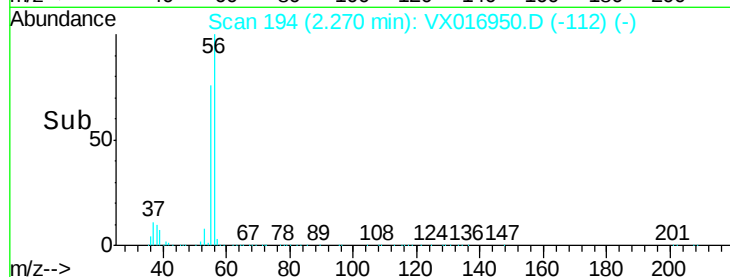
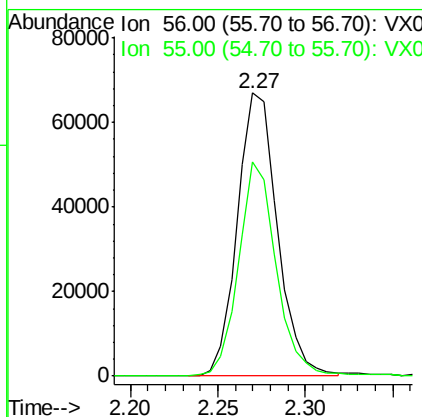
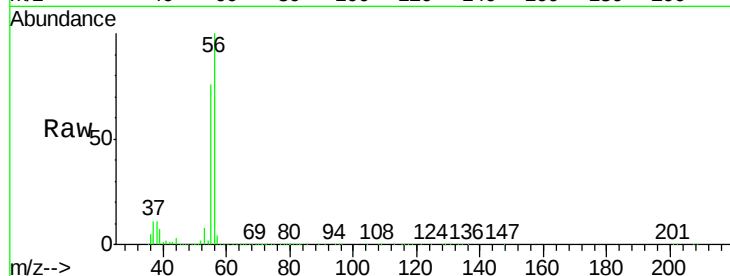
Ion Ratio Lower Upper

56 100

55 70.6 56.2 84.4

Manual Integrations  
APPROVED

MMDadoda  
6/26/2020 3:33:48 PM



#14

Acrylonitrile

Concen: 240.605 ug/l

RT: 3.12 min Scan# 333

Delta R.T. 0.00 min

Lab File: VX016950.D

Acq: 25 Jun 2020 13:27

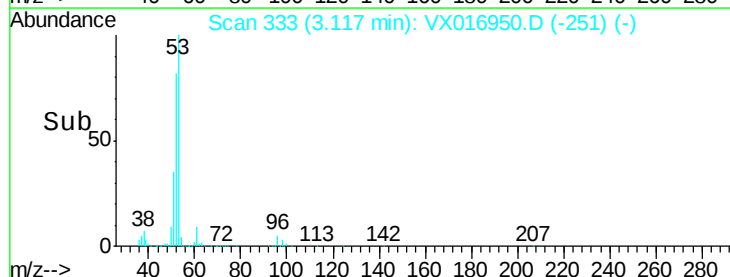
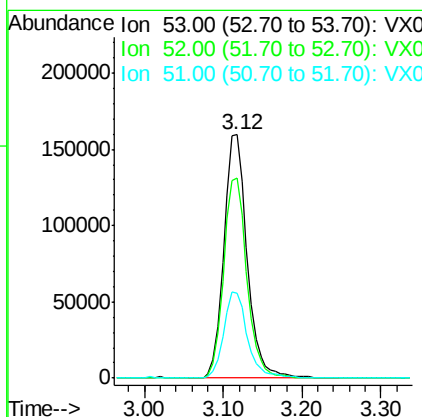
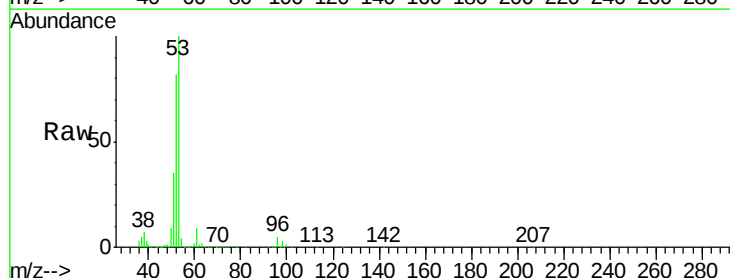
Tgt Ion: 53 Resp: 327294

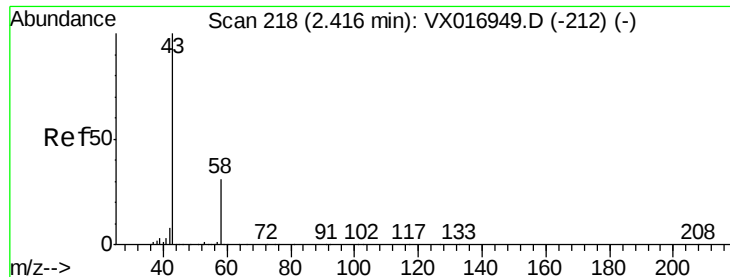
Ion Ratio Lower Upper

53 100

52 82.0 40.6 121.8

51 36.1 18.4 55.4





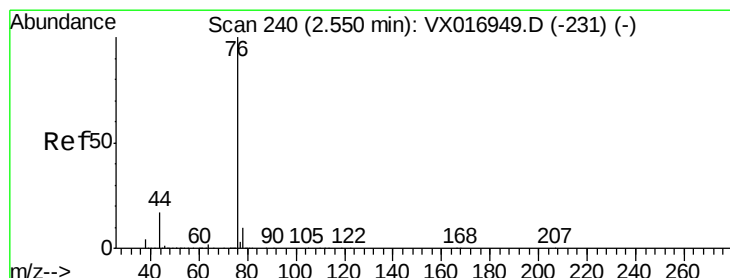
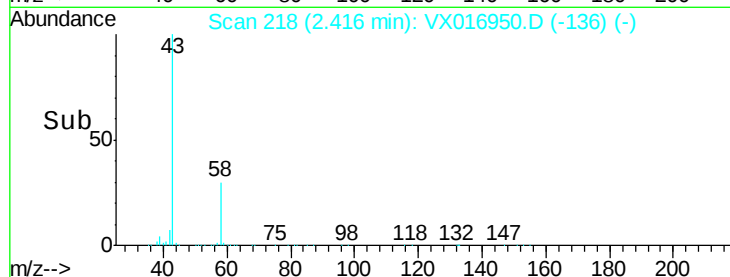
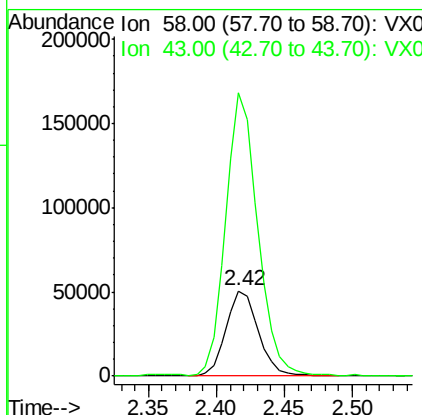
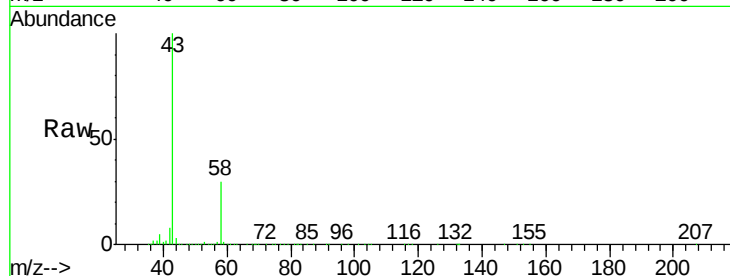
#15  
Acetone  
Concen: 240.168 ug/l  
RT: 2.42 min Scan# 218  
Delta R.T. 0.00 min  
Lab File: VX016950.D  
Acq: 25 Jun 2020 13:27

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC050

| Tot Ion | 58    | Resp  | 84546 |
|---------|-------|-------|-------|
| Ion     | Ratio | Lower | Upper |
| 58      | 100   |       |       |
| 43      | 332.1 | 257.6 | 386.4 |

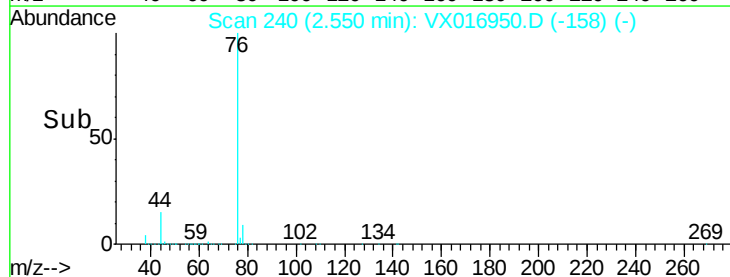
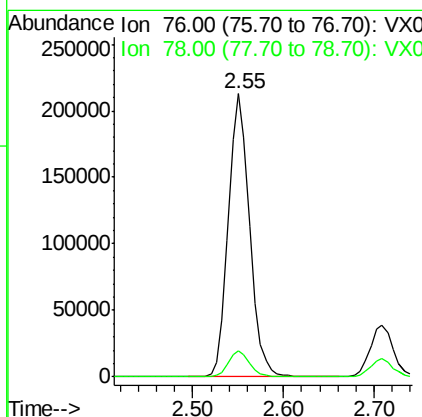
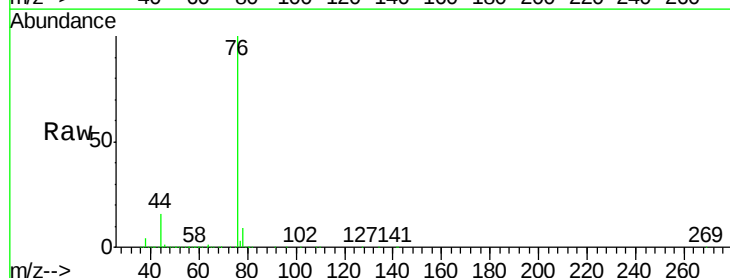
Manual Integrations  
APPROVED

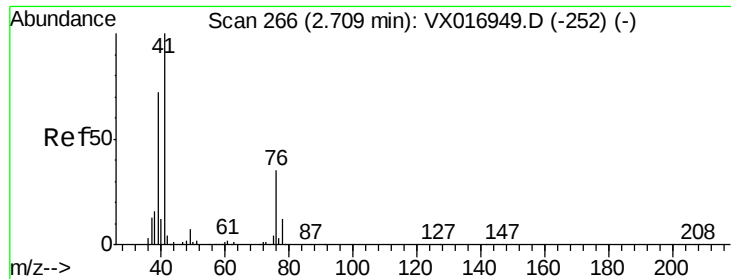
MMDadoda  
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#16  
Carbon Disulfide  
Concen: 48.371 ug/l  
RT: 2.55 min Scan# 240  
Delta R.T. 0.00 min  
Lab File: VX016950.D  
Acq: 25 Jun 2020 13:27

| Tgt Ion | 76    | Resp  | 346229 |
|---------|-------|-------|--------|
| Ion     | Ratio | Lower | Upper  |
| 76      | 100   |       |        |
| 78      | 9.2   | 7.6   | 11.4   |





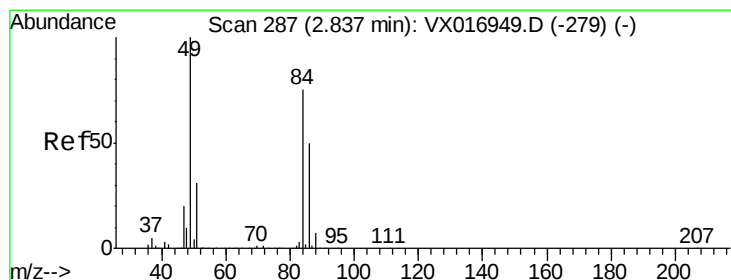
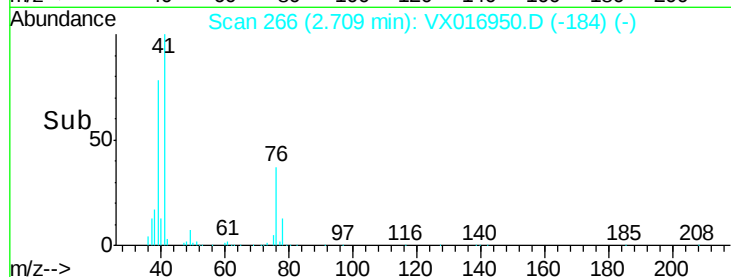
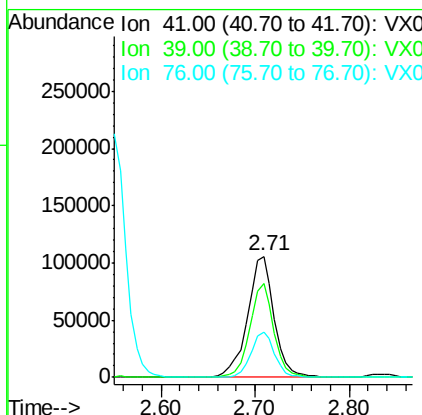
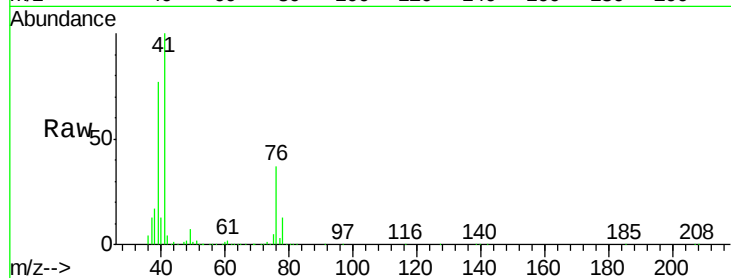
#17  
Allvl chloride  
Concen: 49.091 ug/l  
RT: 2.71 min Scan# 266  
Delta R.T. 0.00 min  
Lab File: VX016950.D  
Acq: 25 Jun 2020 13:27

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 41      | 100   |       |       |
| 39      | 77.3  | 35.9  | 107.8 |
| 76      | 36.7  | 17.6  | 52.8  |

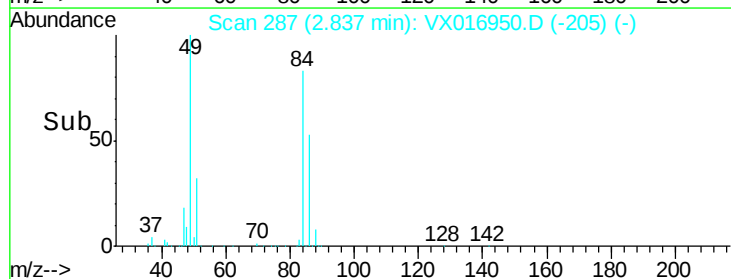
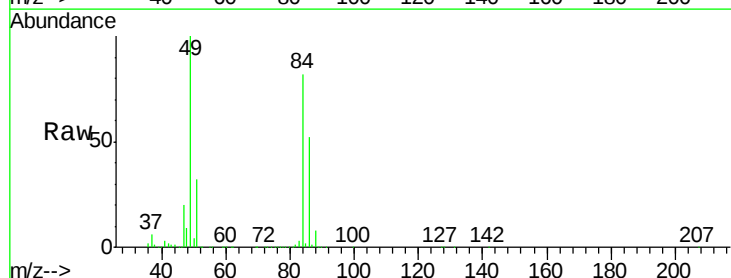
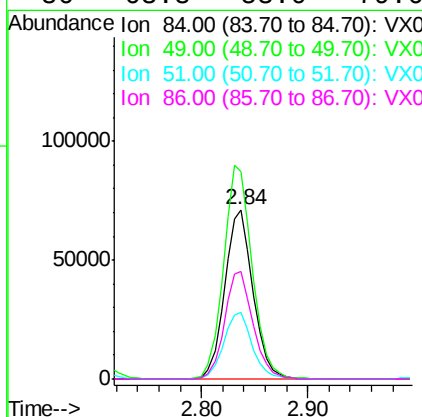
Manual Integrations  
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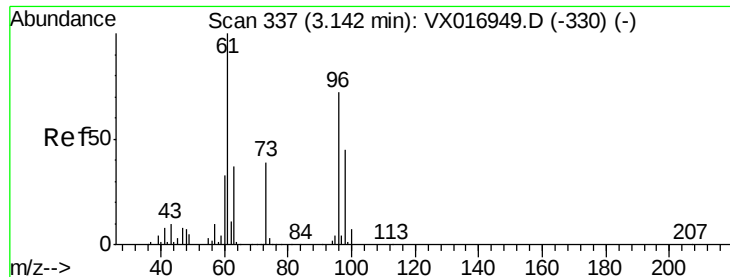
MMDadoda  
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#18  
Methylene Chloride  
Concen: 48.020 ug/l  
RT: 2.84 min Scan# 287  
Delta R.T. 0.00 min  
Lab File: VX016950.D  
Acq: 25 Jun 2020 13:27

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 84      | 100   |       |       |
| 49      | 121.9 | 106.6 | 159.8 |
| 51      | 39.0  | 32.7  | 49.1  |
| 86      | 63.8  | 53.0  | 79.6  |





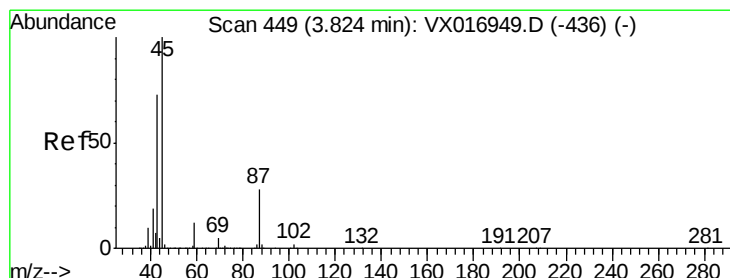
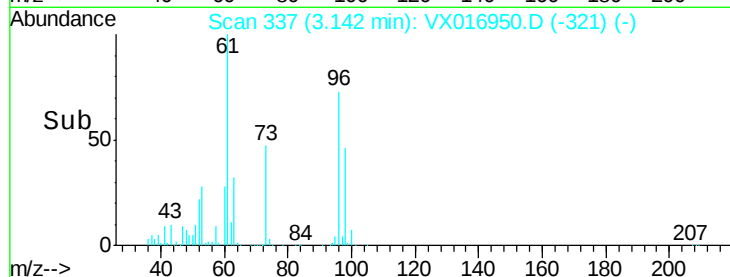
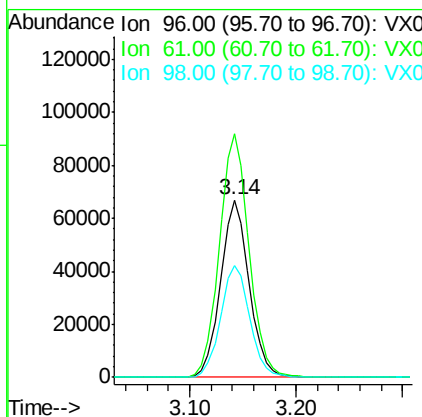
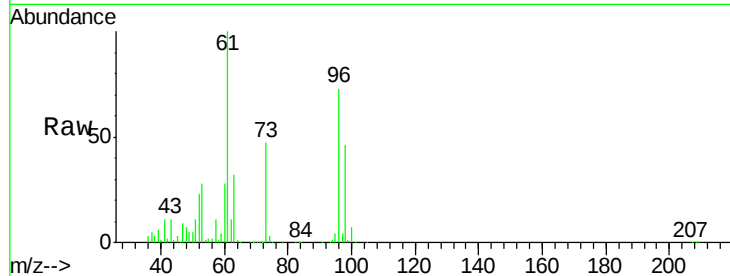
#19  
trans-1,2-Dichloroethene  
Concen: 48.617 ug/l  
RT: 3.14 min Scan# 337  
Delta R.T. 0.00 min  
Lab File: VX016950.D  
Acq: 25 Jun 2020 13:27

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 96      | 100   |       |       |
| 61      | 136.8 | 110.6 | 165.8 |
| 98      | 62.9  | 49.8  | 74.6  |

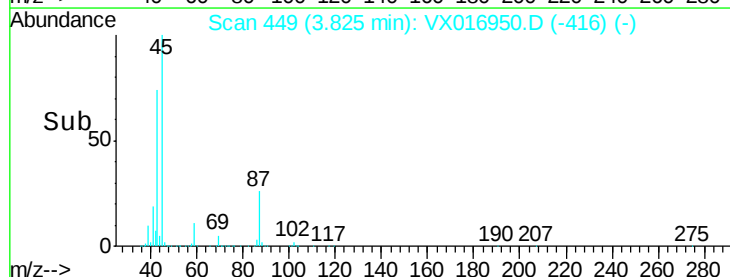
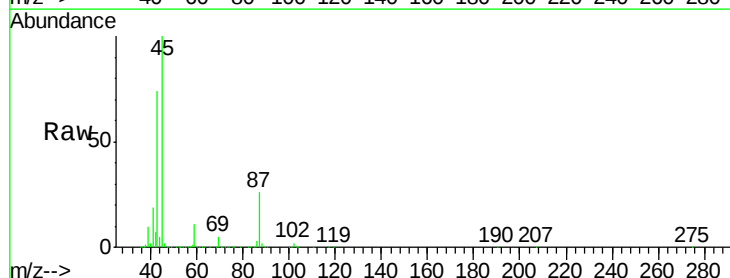
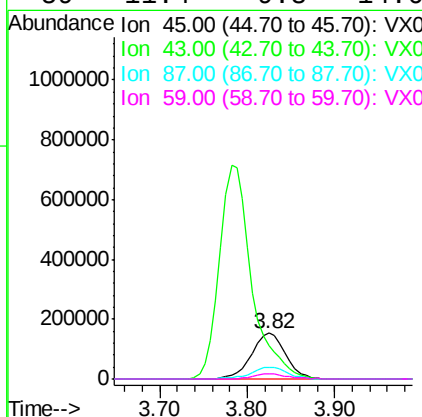
Manual Integrations  
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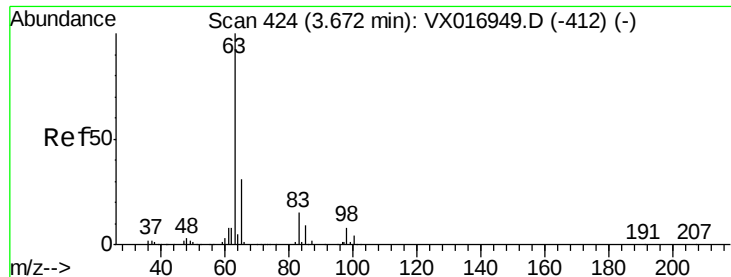
MMDadoda  
6/26/2020 3:33:48 PM



#20  
Diisopropyl ether  
Concen: 48.685 ug/l  
RT: 3.82 min Scan# 449  
Delta R.T. 0.00 min  
Lab File: VX016950.D  
Acq: 25 Jun 2020 13:27

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 45      | 100   |       |       |
| 43      | 73.8  | 63.9  | 95.9  |
| 87      | 26.4  | 22.2  | 33.4  |
| 59      | 11.4  | 9.8   | 14.6  |





#21

1,1-Dichloroethane

Concen: 48.449 ug/l

RT: 3.67 min Scan# 424

Delta R.T. 0.00 min

Lab File: VX016950.D

Acq: 25 Jun 2020 13:27

Instrument :

MSVOA\_X

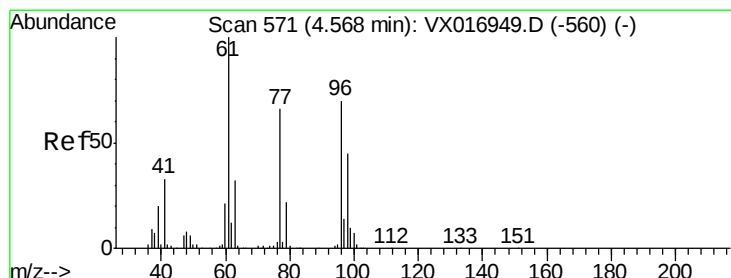
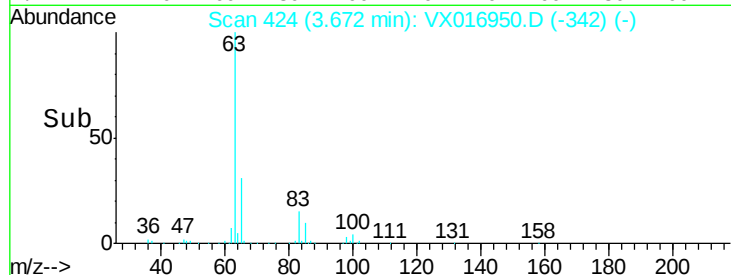
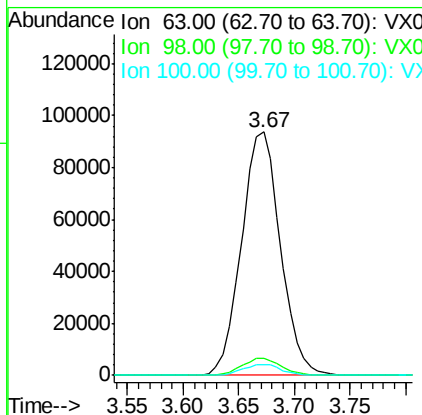
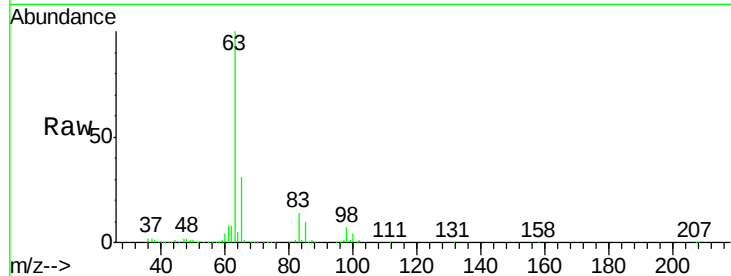
ClientSampleId :

VSTDIC050

|           |     |       |        |
|-----------|-----|-------|--------|
| Tot Ion:  | 63  | Resp: | 227570 |
| Ion Ratio |     | Lower | Upper  |
| 63        | 100 |       |        |
| 98        | 7.1 | 3.8   | 11.4   |
| 100       | 4.1 | 2.2   | 6.6    |

Manual Integrations  
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MMDadoda  
6/26/2020 3:33:48 PM



#22

cis-1,2-Dichloroethene

Concen: 48.815 ug/l

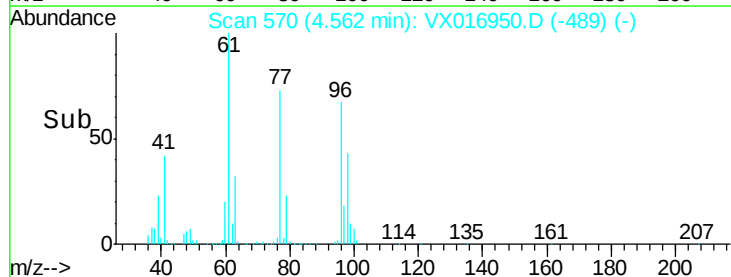
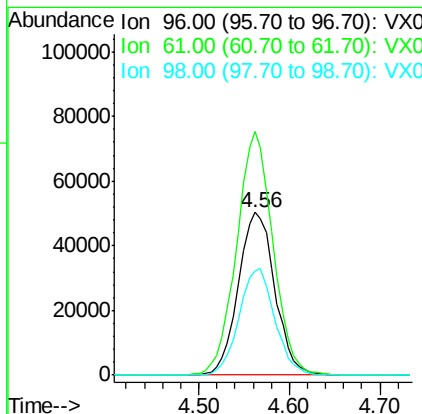
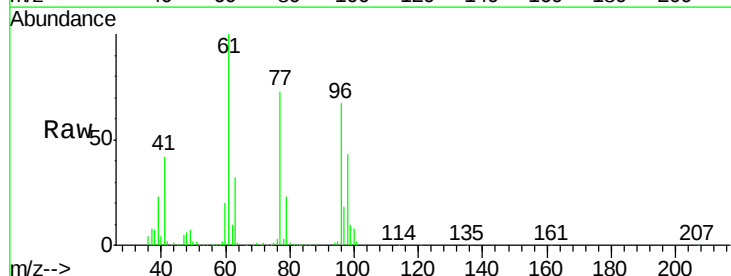
RT: 4.56 min Scan# 570

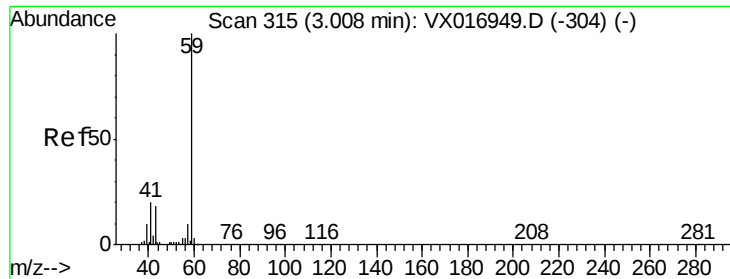
Delta R.T. -0.01 min

Lab File: VX016950.D

Acq: 25 Jun 2020 13:27

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 96    | Resp: | 140209 |
| Ion Ratio |       | Lower | Upper  |
| 96        | 100   |       |        |
| 61        | 149.1 | 120.8 | 181.2  |
| 98        | 63.9  | 51.7  | 77.5   |





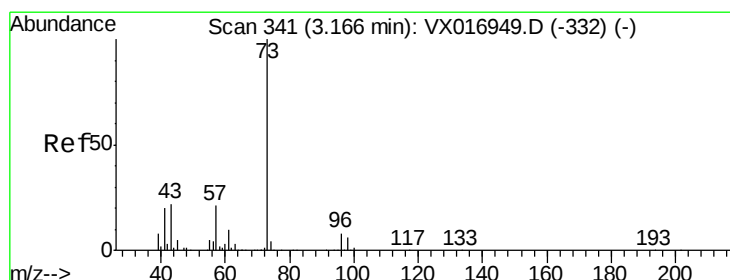
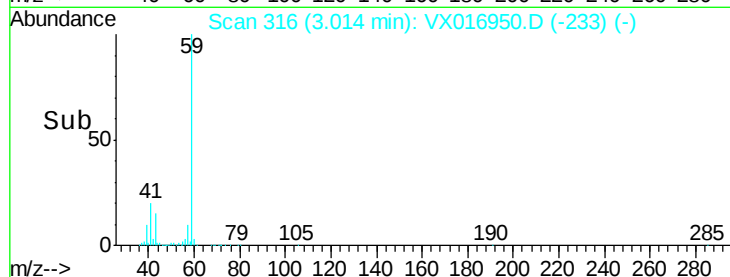
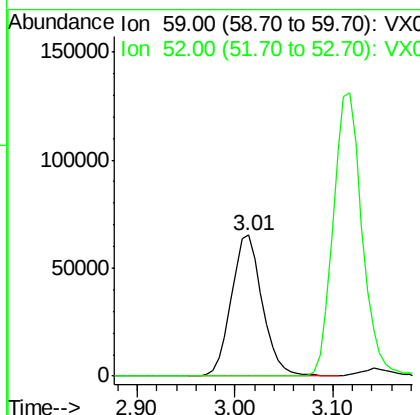
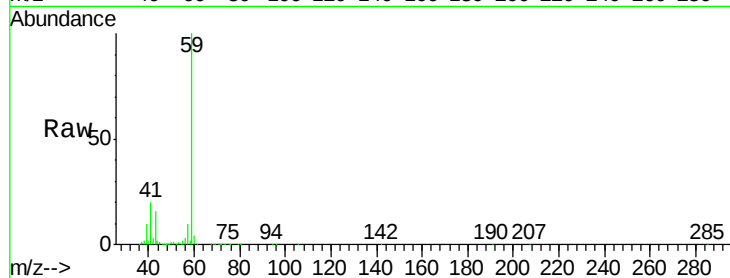
#23  
tert-Butyl Alcohol  
Concen: 900.759 ug/l  
RT: 3.01 min Scan# 316  
Delta R.T. 0.01 min  
Lab File: VX016950.D  
Acq: 25 Jun 2020 13:27

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 59      | 100   |       |       |
| 52      | 0.1   | 0.1   | 0.1#  |

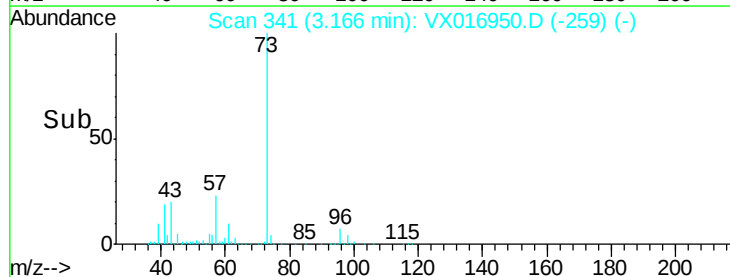
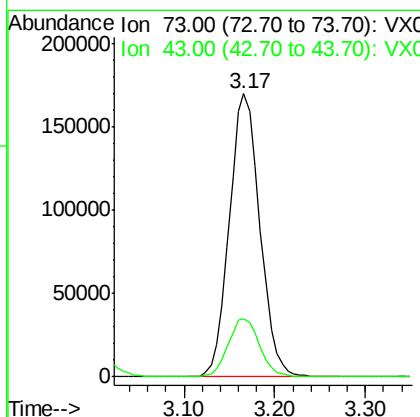
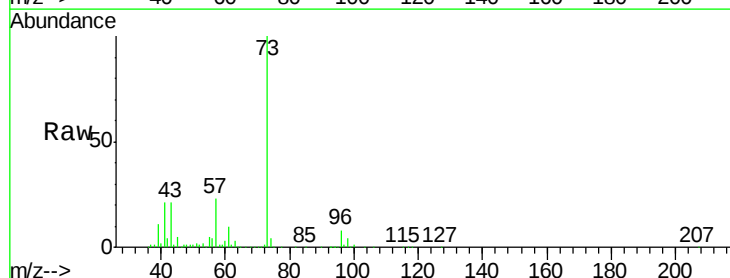
Manual Integrations  
APPROVED

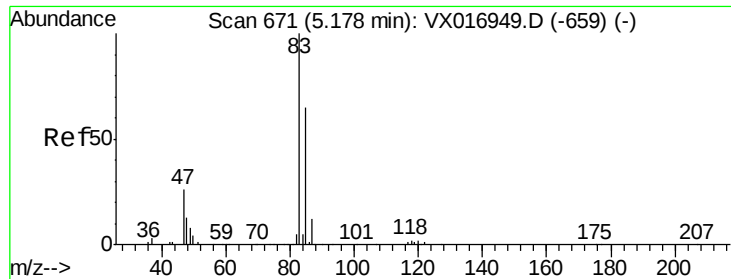
MMDadoda  
6/26/2020 3:33:48 PM



#24  
Methyl tert-Butyl Ether  
Concen: 48.835 ug/l  
RT: 3.17 min Scan# 341  
Delta R.T. 0.00 min  
Lab File: VX016950.D  
Acq: 25 Jun 2020 13:27

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 73      | 100   |       |       |
| 43      | 21.1  | 17.2  | 25.8  |





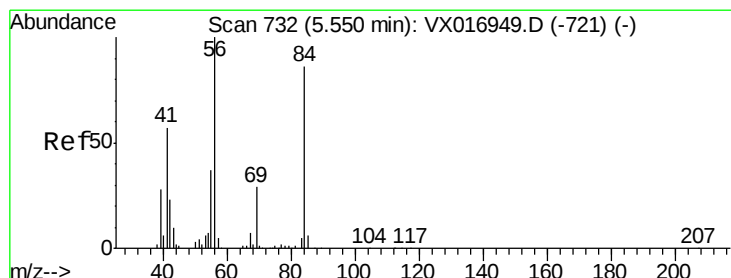
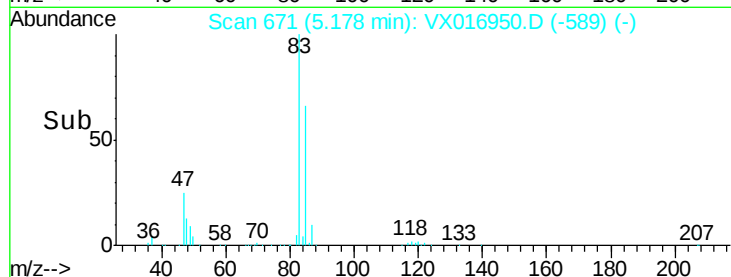
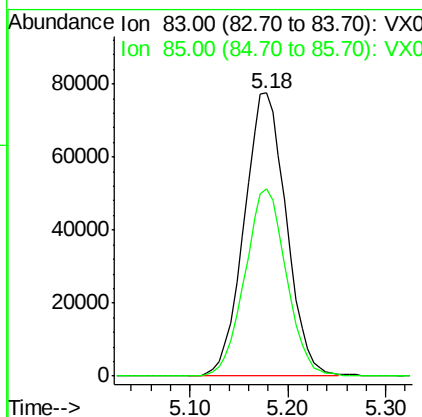
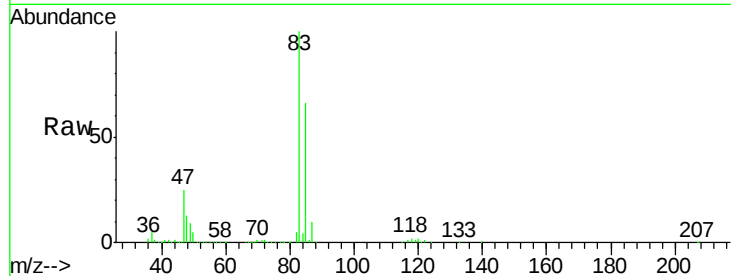
#25  
Chloroform  
Concen: 48.546 ug/l  
RT: 5.18 min Scan# 671  
Delta R.T. 0.00 min  
Lab File: VX016950.D  
Acq: 25 Jun 2020 13:27

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC050

| Tot Ion   | 83   | Resp  | 231190 |
|-----------|------|-------|--------|
| Ion Ratio | 100  | Lower | Upper  |
| 85        | 66.0 | 52.1  | 78.1   |

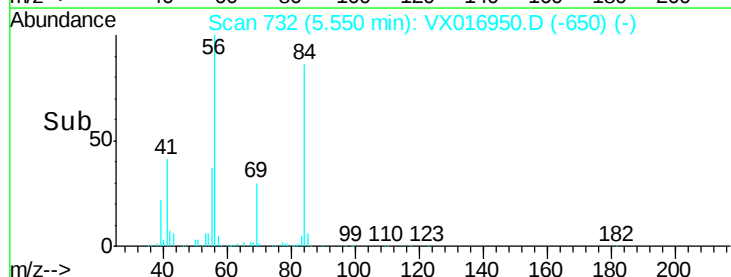
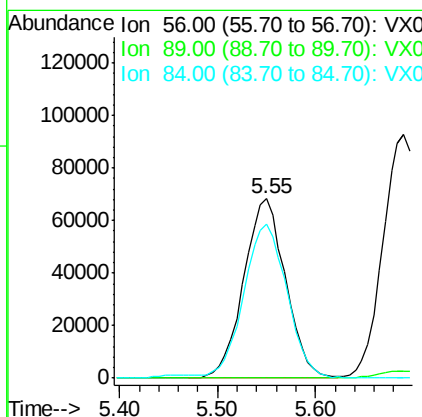
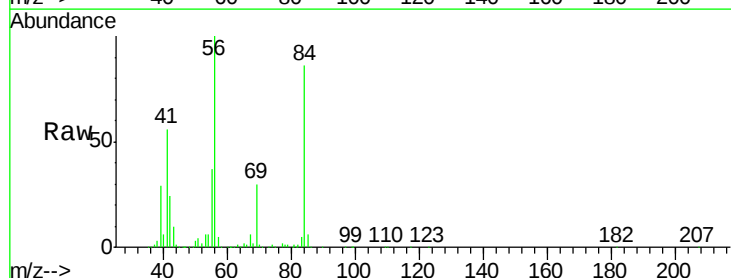
Manual Integrations  
APPROVED

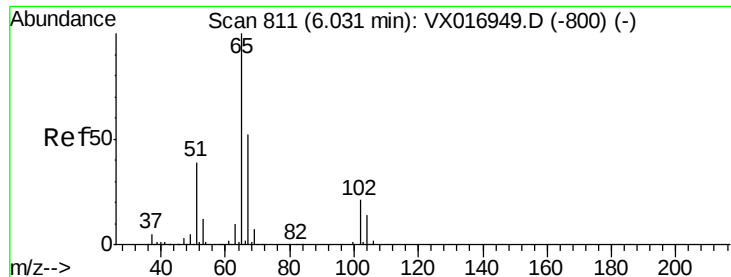
MMDadoda  
6/26/2020 3:33:48 PM



#26  
Cyclohexane  
Concen: 49.064 ug/l  
RT: 5.55 min Scan# 732  
Delta R.T. 0.00 min  
Lab File: VX016950.D  
Acq: 25 Jun 2020 13:27

| Tgt Ion   | 56   | Resp  | 201034 |
|-----------|------|-------|--------|
| Ion Ratio | 100  | Lower | Upper  |
| 89        | 0.0  | 0.0   | 0.0#   |
| 84        | 89.6 | 69.0  | 103.6  |





#27

1,2-Dichloroethane-d4

Concen: 29.420 ug/l

RT: 6.03 min Scan# 811

Delta R.T. 0.00 min

Lab File: VX016950.D

Acq: 25 Jun 2020 13:27

Instrument :

MSVOA\_X

ClientSampleId :

VSTDIC050

Tot Ion: 65 Resp: 91077

Ion Ratio Lower Upper

65 100

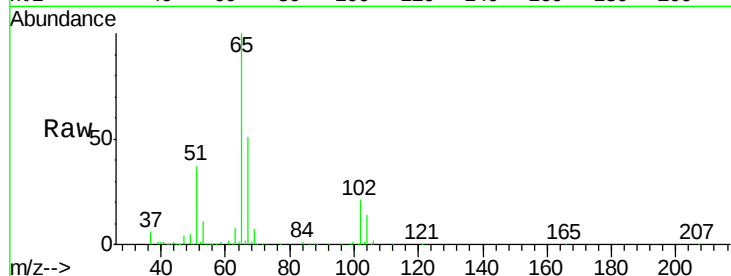
67 51.3 41.5 62.3

Manual Integrations

APPROVED

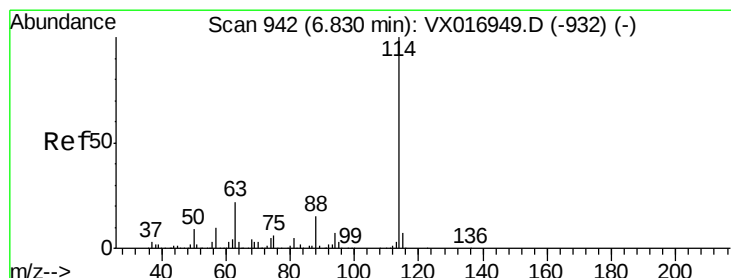
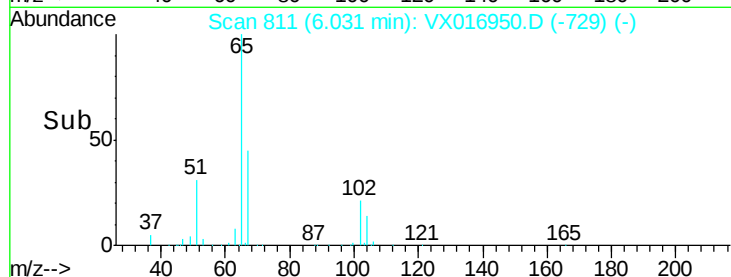
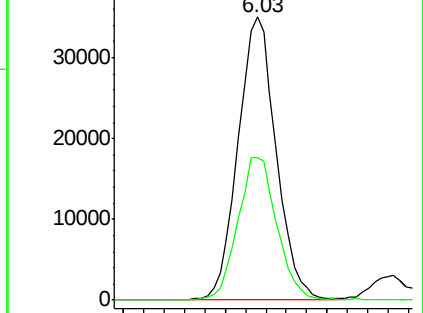
MMDadoda

6/26/2020 3:33:48 PM



Abundance Ion 65.00 (64.70 to 65.70): VX0

Ion 67.00 (66.70 to 67.70): VX0



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. 0.00 min

Lab File: VX016950.D

Acq: 25 Jun 2020 13:27

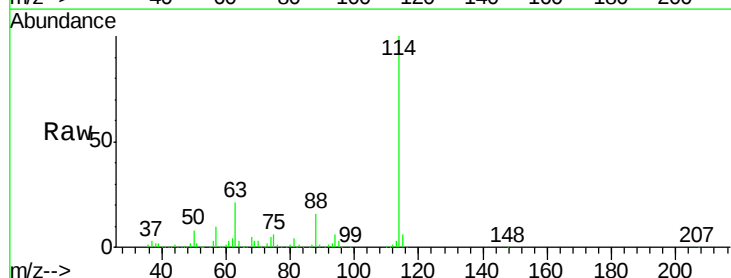
Tgt Ion: 114 Resp: 214000

Ion Ratio Lower Upper

114 100

63 21.9 17.4 26.2

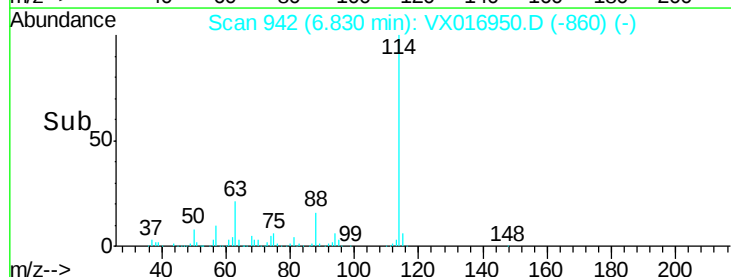
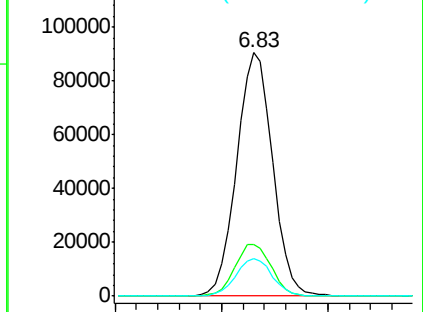
88 15.8 13.0 19.6

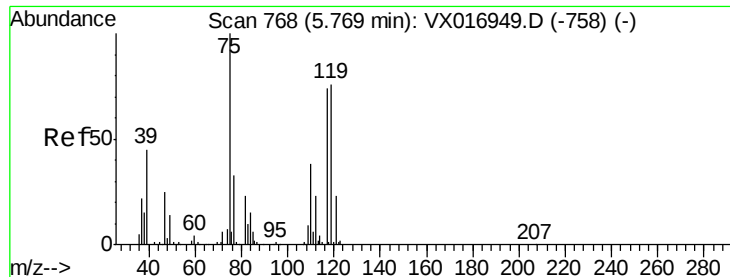


Abundance Ion 114.00 (113.70 to 114.70): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 88.00 (87.70 to 88.70): VX0





#29

1,1-Dichloropropene

Concen: 50.590 ug/l

RT: 5.77 min Scan# 768

Delta R.T. 0.00 min

Lab File: VX016950.D

Acq: 25 Jun 2020 13:27

Instrument :

MSVOA\_X

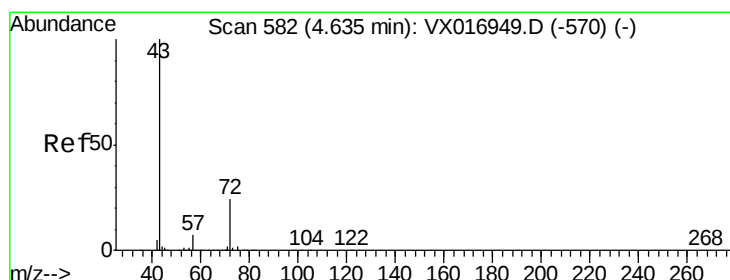
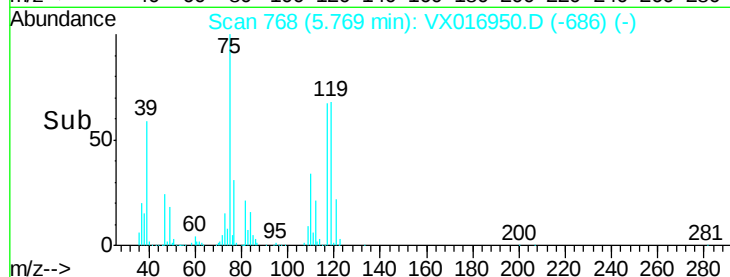
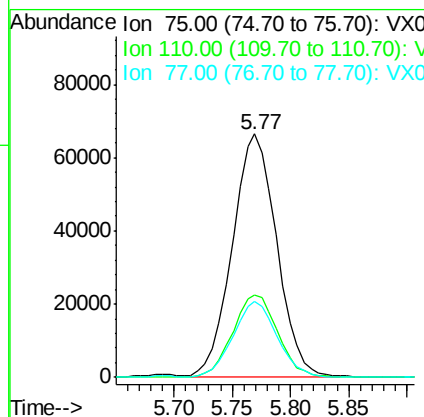
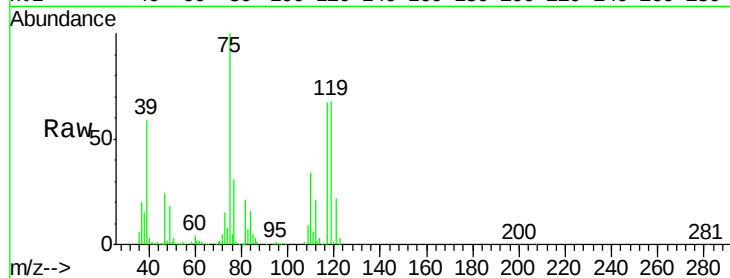
ClientSampleId :

VSTDIC050

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 75    | Resp: | 176364 |
| Ion Ratio | Lower | Upper |        |
| 75        | 100   |       |        |
| 110       | 34.5  | 0.0   | 71.6   |
| 77        | 31.1  | 0.0   | 64.0   |

Manual Integrations  
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#30

2-Butanone

Concen: 247.140 ug/l

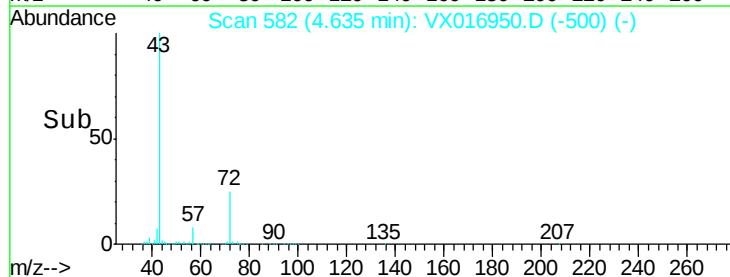
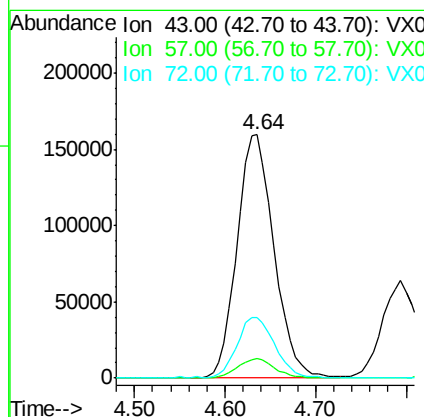
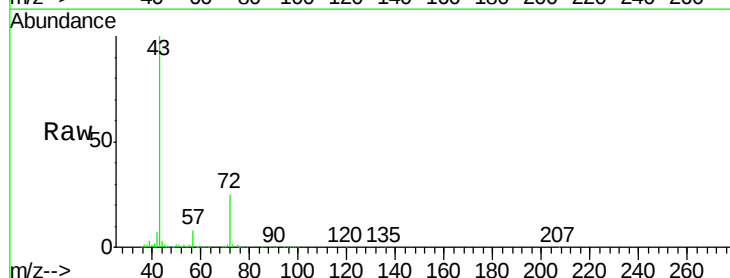
RT: 4.64 min Scan# 582

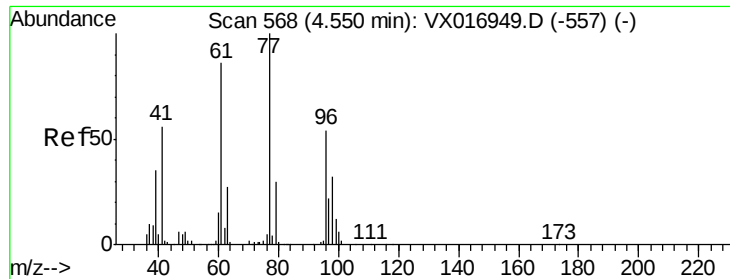
Delta R.T. 0.00 min

Lab File: VX016950.D

Acq: 25 Jun 2020 13:27

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 43    | Resp: | 449085 |
| Ion Ratio | Lower | Upper |        |
| 43        | 100   |       |        |
| 57        | 8.0   | 6.2   | 9.4    |
| 72        | 25.3  | 20.6  | 31.0   |





#31

2,2-Dichloropropane

Concen: 49.516 ug/l

RT: 4.55 min Scan# 568

Delta R.T. 0.00 min

Lab File: VX016950.D

Acq: 25 Jun 2020 13:27

Instrument :

MSVOA\_X

ClientSampleId :

VSTDIC050

Tot Ion: 77 Resp: 197971

Ion Ratio Lower Upper

77 100

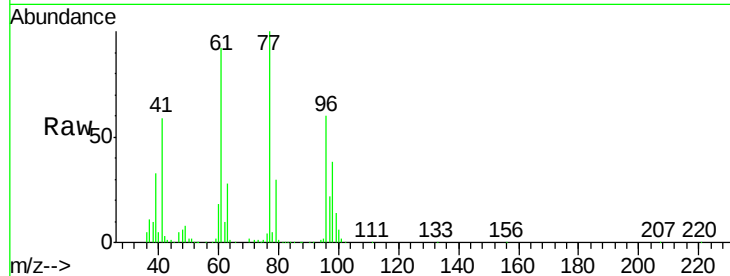
97 22.7 18.5 27.7

Manual Integrations

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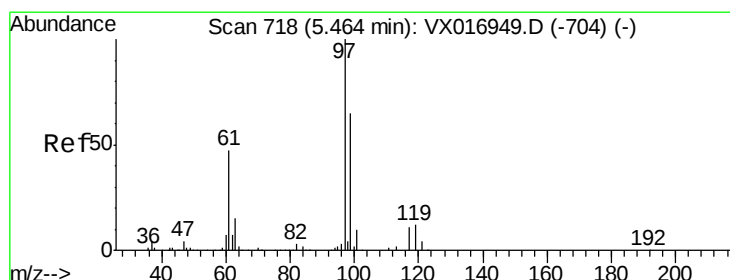
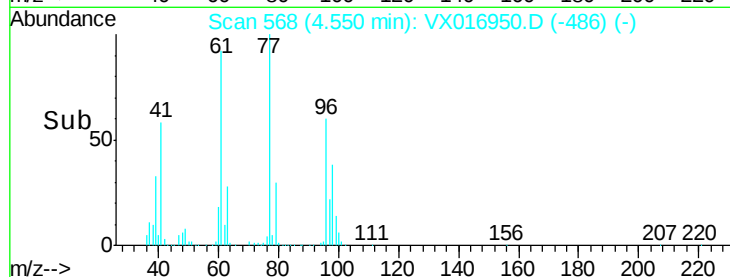
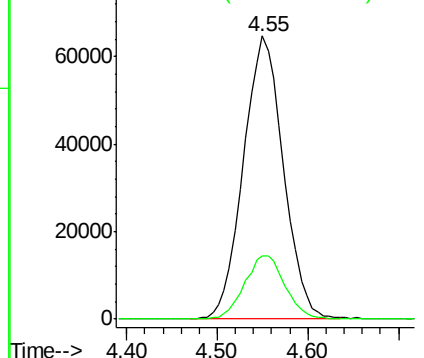
MMDadoda

6/26/2020 3:33:48 PM



Abundance Ion 77.00 (76.70 to 77.70): VX0

Ion 97.00 (96.70 to 97.70): VX0



#32

1,1,1-Trichloroethane

Concen: 49.488 ug/l

RT: 5.46 min Scan# 718

Delta R.T. 0.00 min

Lab File: VX016950.D

Acq: 25 Jun 2020 13:27

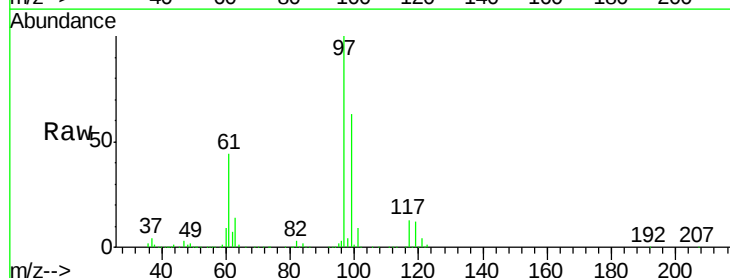
Tgt Ion: 97 Resp: 208755

Ion Ratio Lower Upper

97 100

99 64.8 52.2 78.2

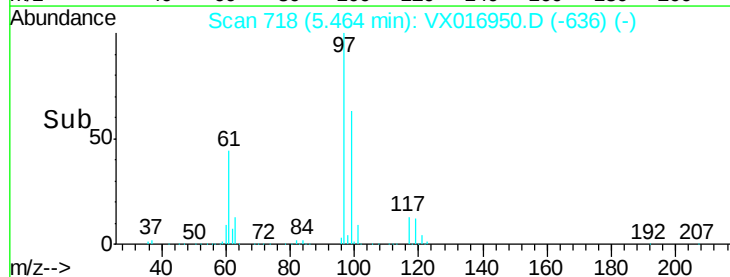
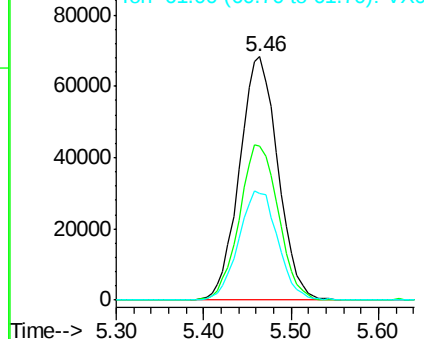
61 45.4 36.9 55.3

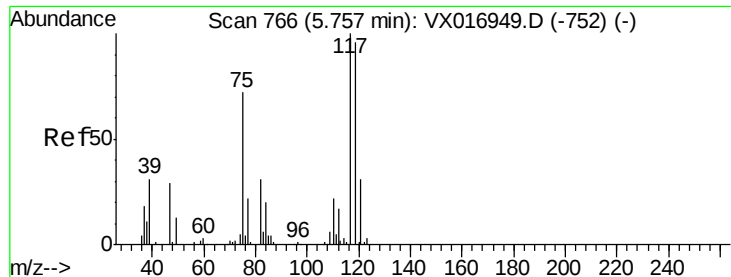


Abundance Ion 97.00 (96.70 to 97.70): VX0

Ion 99.00 (98.70 to 99.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





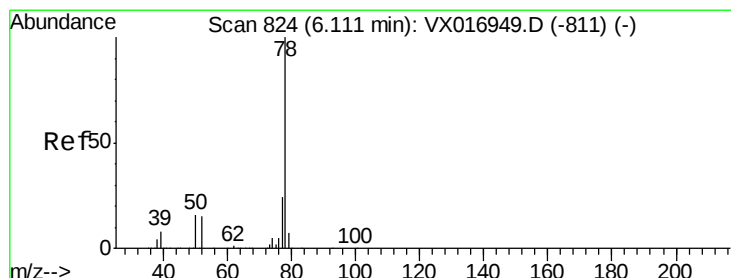
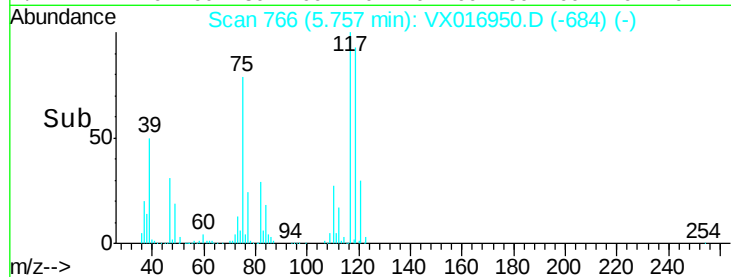
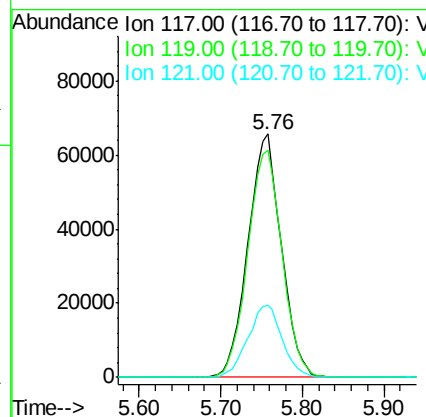
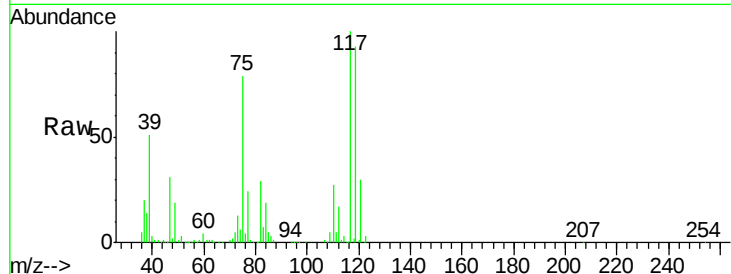
#33  
Carbon Tetrachloride  
Concen: 50.077 ug/l  
RT: 5.76 min Scan# 766  
Delta R.T. 0.00 min  
Lab File: VX016950.D  
Acq: 25 Jun 2020 13:27

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 119     | 93.5  | 77.0  | 115.4 |
| 121     | 29.8  | 25.0  | 37.4  |

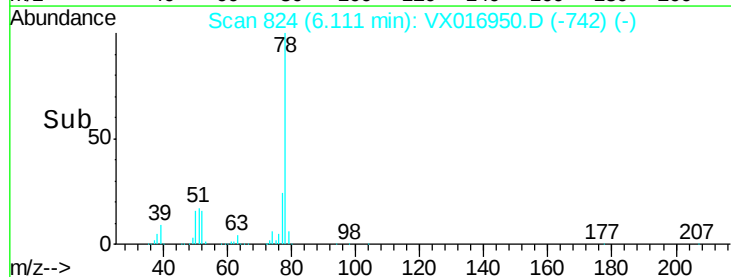
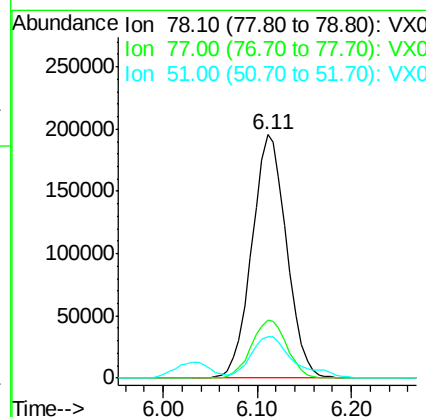
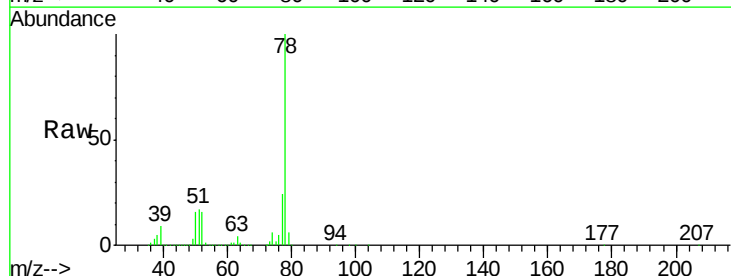
Manual Integrations  
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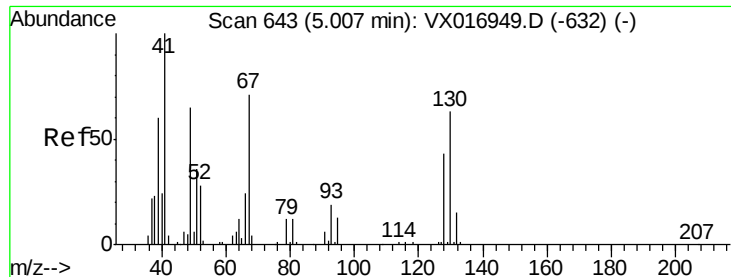
MMDadoda  
6/26/2020 3:33:48 PM



#34  
Benzene  
Concen: 49.760 ug/l  
RT: 6.11 min Scan# 824  
Delta R.T. 0.00 min  
Lab File: VX016950.D  
Acq: 25 Jun 2020 13:27

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 78      | 100   |       |       |
| 77      | 23.8  | 19.0  | 28.6  |
| 51      | 16.1  | 12.8  | 19.2  |





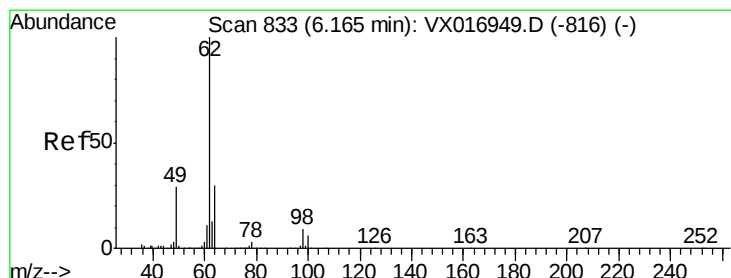
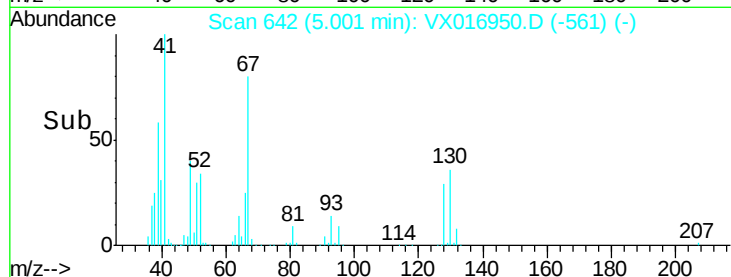
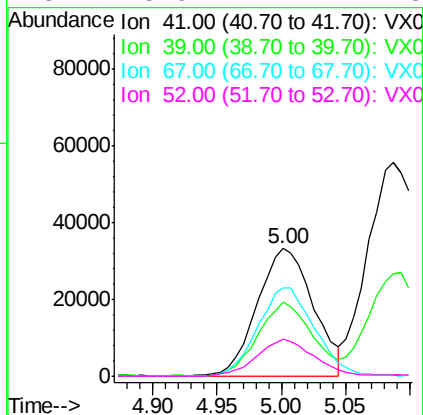
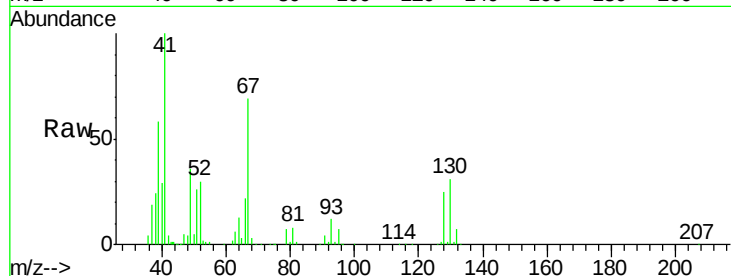
#35  
Methacrylonitrile  
Concen: 49.656 ug/l  
RT: 5.00 min Scan# 642  
Delta R.T. -0.01 min  
Lab File: VX016950.D  
Acq: 25 Jun 2020 13:27

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC050

| Tot Ion | Ion  | Ratio | Lower | Upper |
|---------|------|-------|-------|-------|
| 41      | 100  |       |       |       |
| 39      | 57.4 | 29.8  | 89.5  |       |
| 67      | 69.5 | 35.3  | 105.9 |       |
| 52      | 28.9 | 14.1  | 42.3  |       |

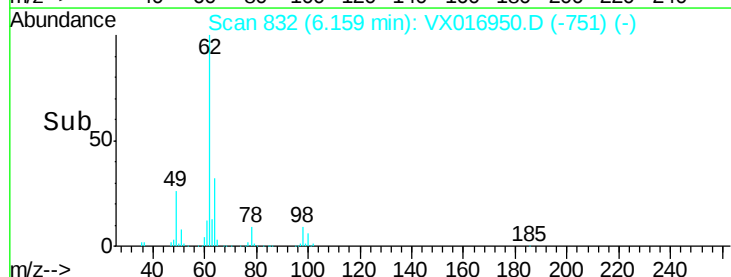
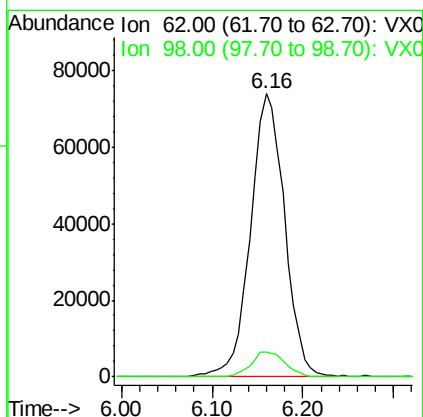
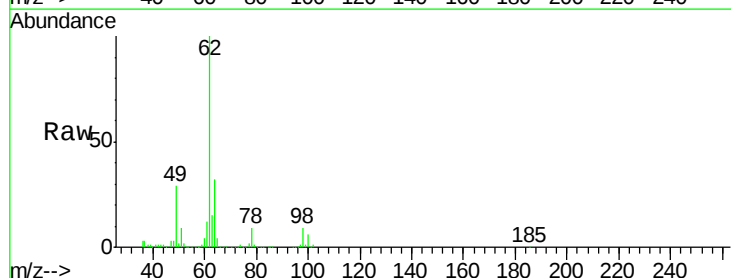
Manual Integrations  
APPROVED

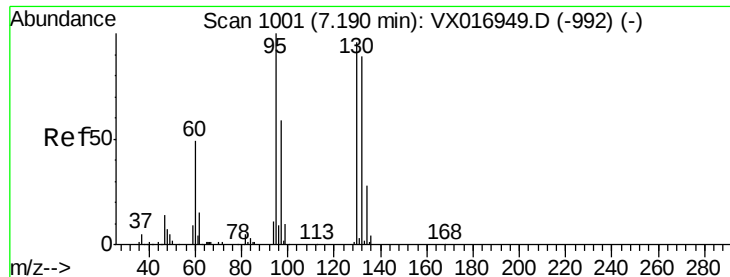
MMDadoda  
6/26/2020 3:33:48 PM



#36  
1,2-Dichloroethane  
Concen: 49.417 ug/l  
RT: 6.16 min Scan# 832  
Delta R.T. -0.01 min  
Lab File: VX016950.D  
Acq: 25 Jun 2020 13:27

| Tgt Ion | Ion | Ratio | Lower | Upper |
|---------|-----|-------|-------|-------|
| 62      | 100 |       |       |       |
| 98      | 8.9 | 7.6   | 11.4  |       |





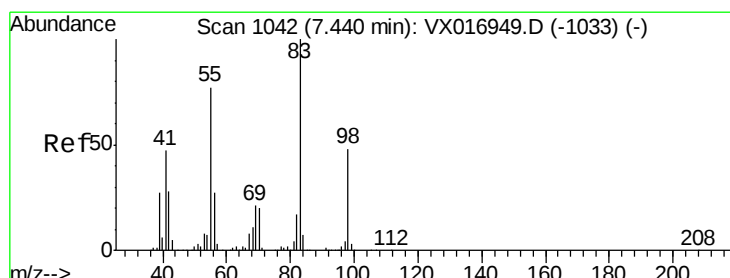
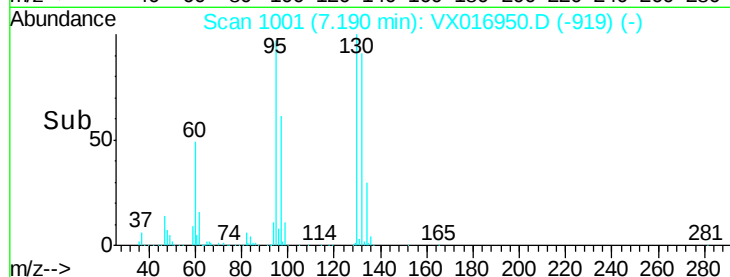
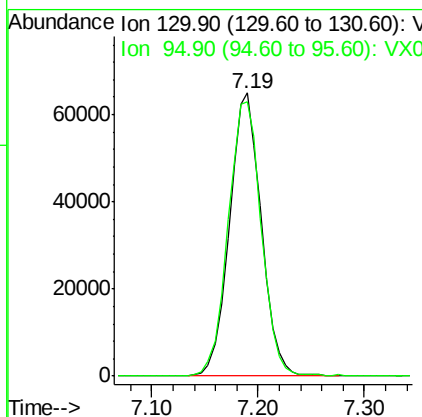
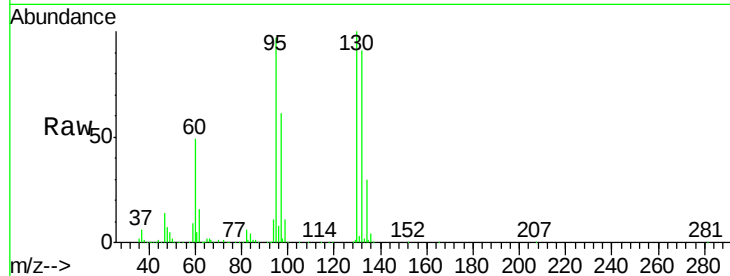
#37  
 Trichloroethene  
 Concen: 49.033 ug/l  
 RT: 7.19 min Scan# 1001  
 Delta R.T. 0.00 min  
 Lab File: VX016950.D  
 Acq: 25 Jun 2020 13:27

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDIC050

Tot Ion:130 Resp: 135814  
 Ion Ratio Lower Upper  
 130 100  
 95 97.0 83.1 124.7

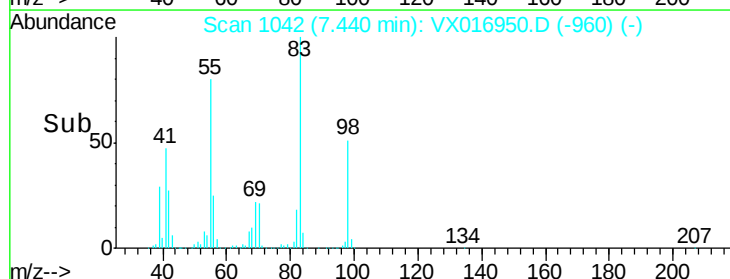
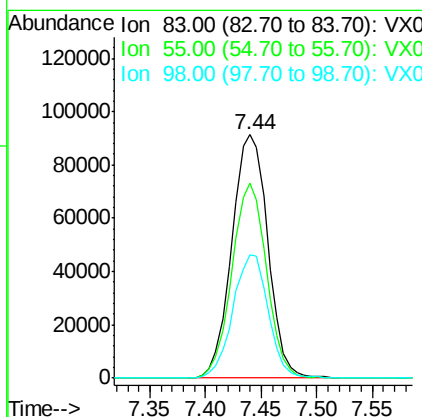
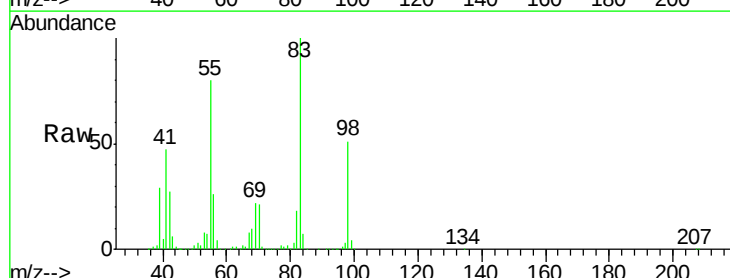
Manual Integrations  
 APPROVED

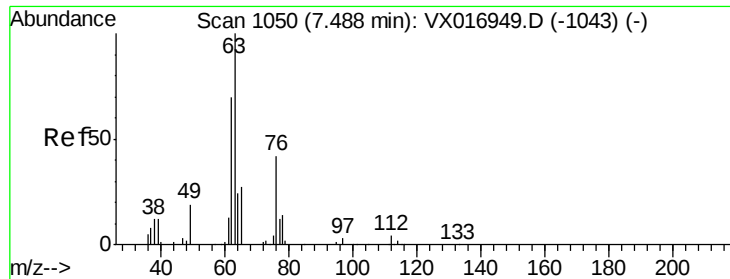
MMDadoda  
 6/26/2020 3:33:48 PM



#38  
 Methylcyclohexane  
 Concen: 51.613 ug/l  
 RT: 7.44 min Scan# 1042  
 Delta R.T. 0.00 min  
 Lab File: VX016950.D  
 Acq: 25 Jun 2020 13:27

Tgt Ion: 83 Resp: 204907  
 Ion Ratio Lower Upper  
 83 100  
 55 77.1 38.1 114.5  
 98 49.9 24.6 73.6





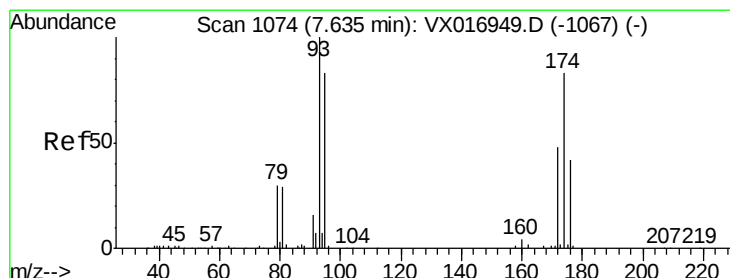
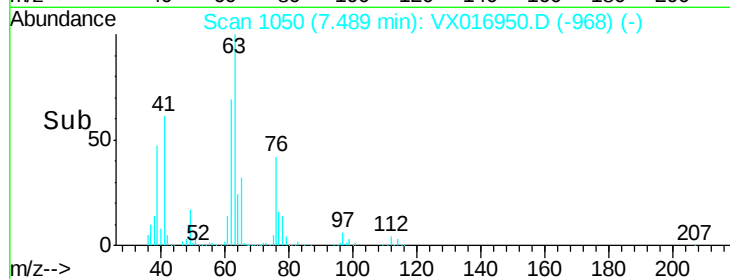
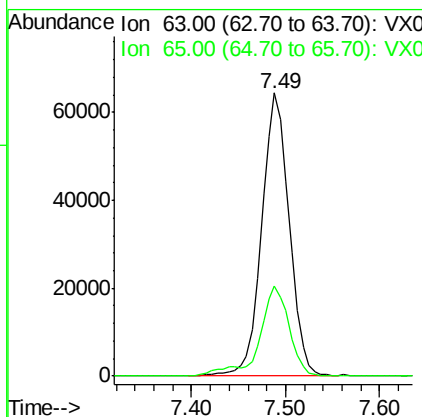
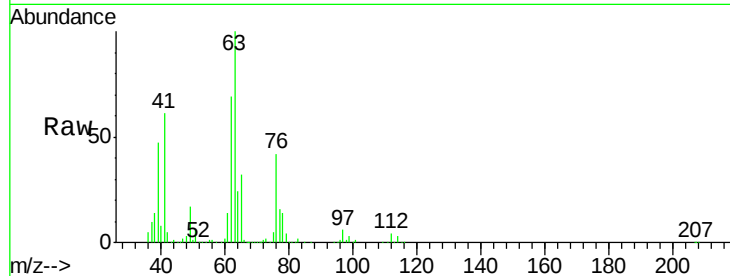
#39  
 1,2-Dichloropropane  
 Concen: 50.108 ug/l  
 RT: 7.49 min Scan# 1050  
 Delta R.T. 0.00 min  
 Lab File: VX016950.D  
 Acq: 25 Jun 2020 13:27

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDIC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 63      | 100   |       |       |
| 65      | 31.9  | 22.8  | 34.2  |

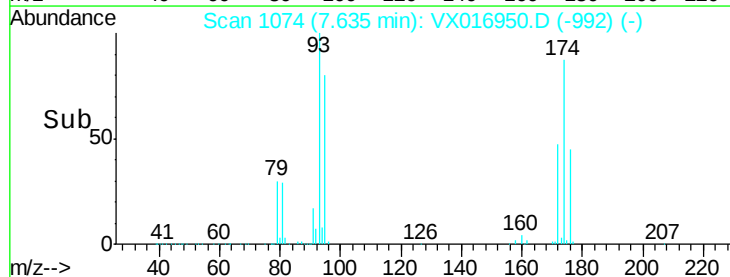
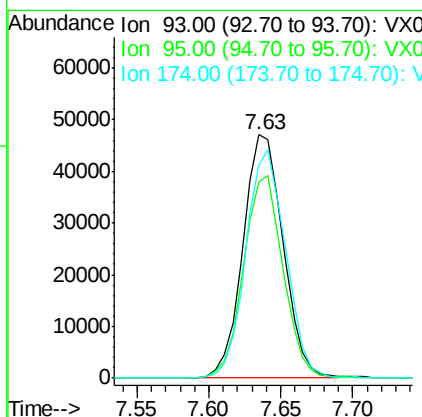
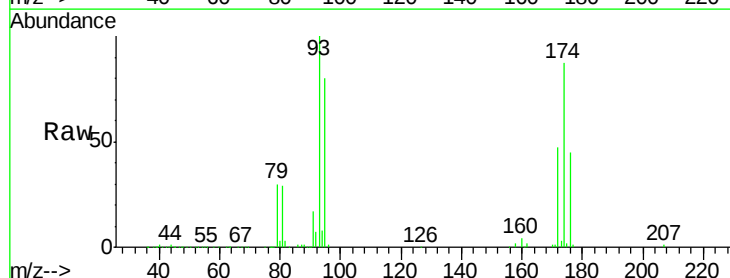
Manual Integrations  
 APPROVED

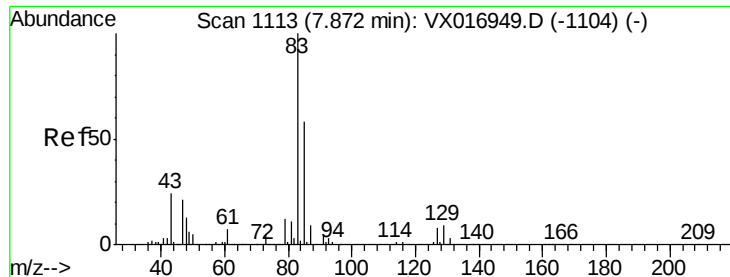
MMDadoda  
 6/26/2020 3:33:48 PM



#40  
 Dibromomethane  
 Concen: 49.962 ug/l  
 RT: 7.63 min Scan# 1074  
 Delta R.T. 0.00 min  
 Lab File: VX016950.D  
 Acq: 25 Jun 2020 13:27

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 93      | 100   |       |       |
| 95      | 81.6  | 0.0   | 165.4 |
| 174     | 92.3  | 0.0   | 192.0 |





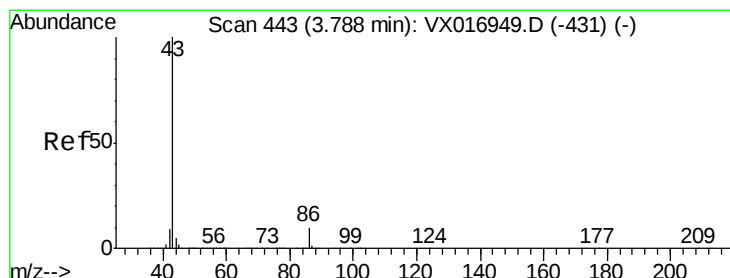
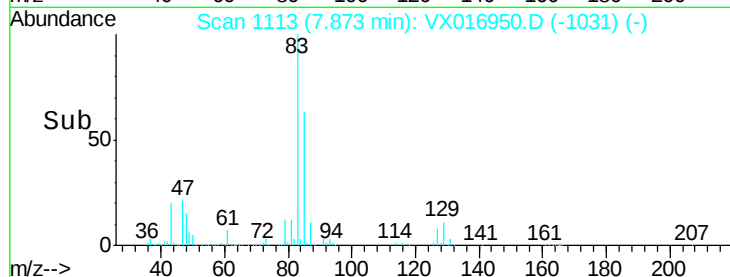
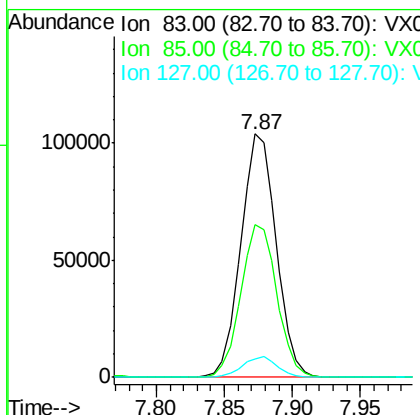
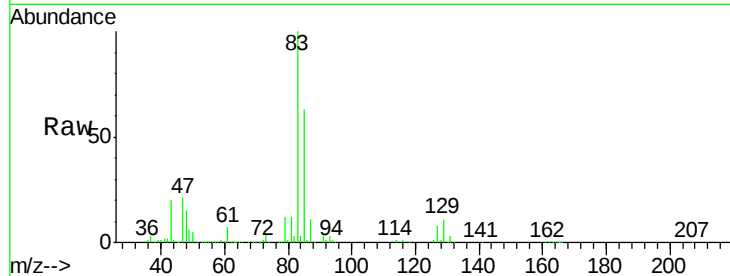
#41  
Bromodichloromethane  
Concen: 50.138 ug/l  
RT: 7.87 min Scan# 1113  
Delta R.T. 0.00 min  
Lab File: VX016950.D  
Acq: 25 Jun 2020 13:27

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC050

| Tot Ion   | 83   | Resp  | 189229 |
|-----------|------|-------|--------|
| Ion Ratio | 100  | Lower | Upper  |
| 83        | 100  |       |        |
| 85        | 62.8 | 46.7  | 70.1   |
| 127       | 7.7  | 6.5   | 9.7    |

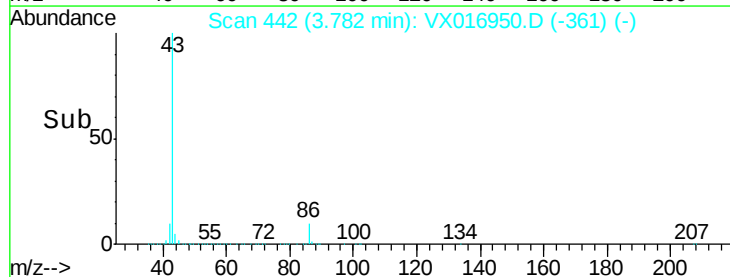
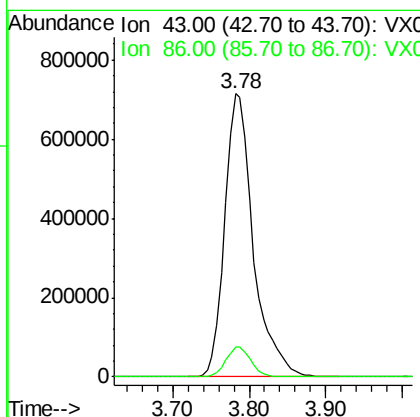
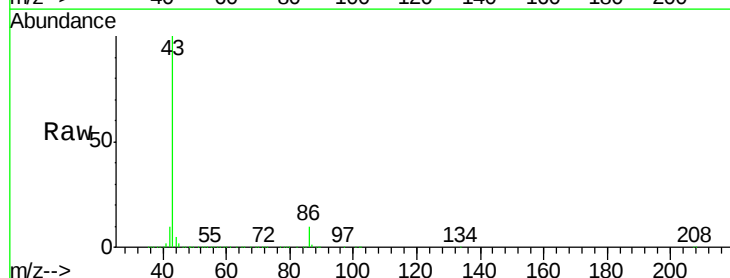
Manual Integrations  
APPROVED

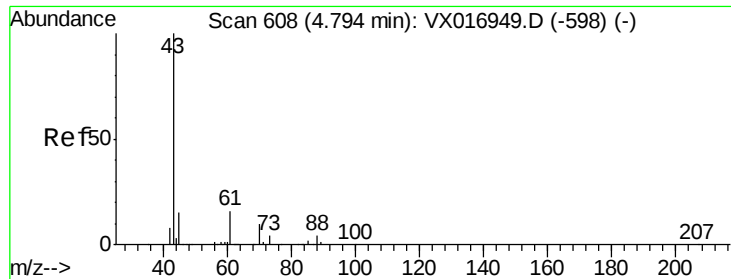
MMDadoda  
6/26/2020 3:33:48 PM



#42  
Vinyl Acetate  
Concen: 251.568 ug/l  
RT: 3.78 min Scan# 442  
Delta R.T. -0.01 min  
Lab File: VX016950.D  
Acq: 25 Jun 2020 13:27

| Tgt Ion   | 43  | Resp  | 1842147 |
|-----------|-----|-------|---------|
| Ion Ratio | 100 | Lower | Upper   |
| 43        | 100 |       |         |
| 86        | 9.3 | 7.4   | 11.2    |





#43

Ethyl Acetate

Concen: 48.751 ug/l

RT: 4.79 min Scan# 608

Delta R.T. 0.00 min

Lab File: VX016950.D

Acq: 25 Jun 2020 13:27

Instrument :

MSVOA\_X

ClientSampleId :

VSTDIC050

Tot Ion: 43 Resp: 183033

Ion Ratio Lower Upper

43 100

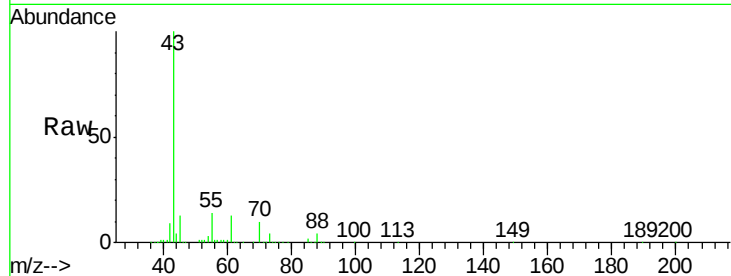
45 14.2 11.8 17.6

Manual Integrations

APPROVED

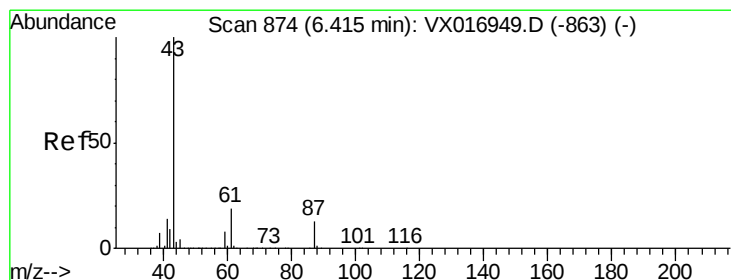
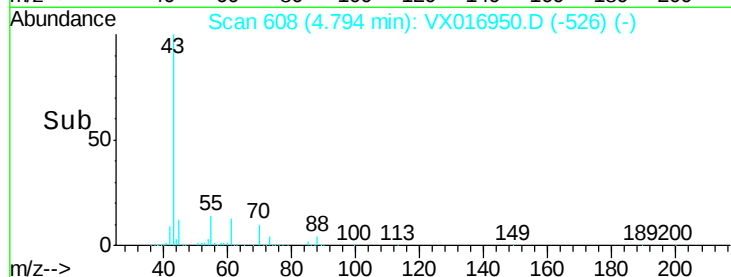
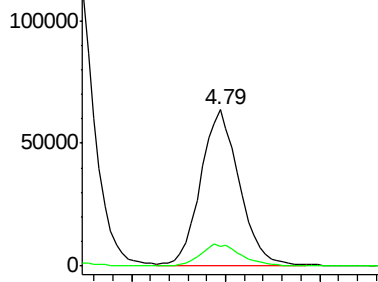
MMDadoda

6/26/2020 3:33:48 PM



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 45.00 (44.70 to 45.70): VX0



#44

Isopropyl Acetate

Concen: 49.674 ug/l

RT: 6.41 min Scan# 873

Delta R.T. -0.01 min

Lab File: VX016950.D

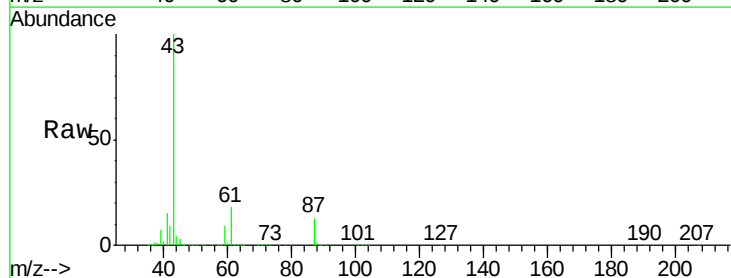
Acq: 25 Jun 2020 13:27

Tgt Ion: 43 Resp: 308185

Ion Ratio Lower Upper

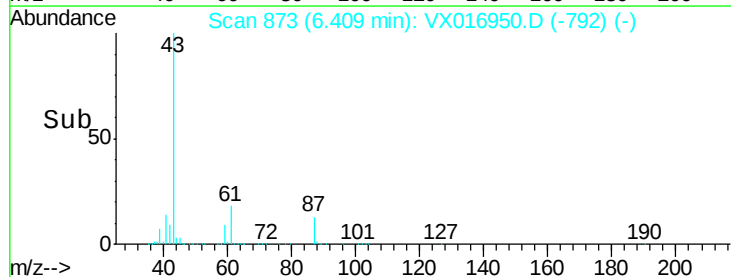
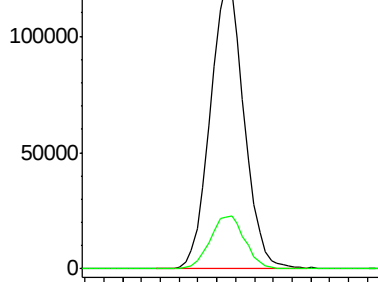
43 100

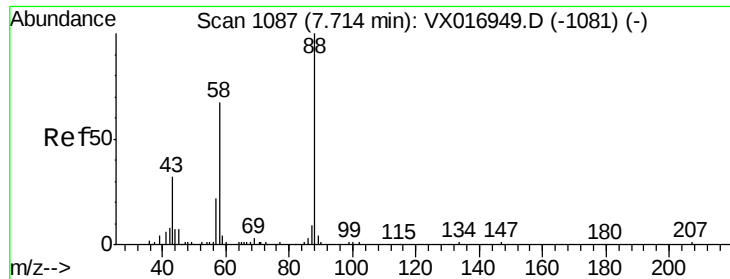
61 19.3 15.4 23.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





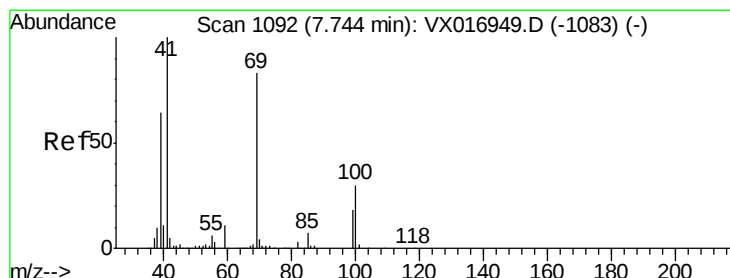
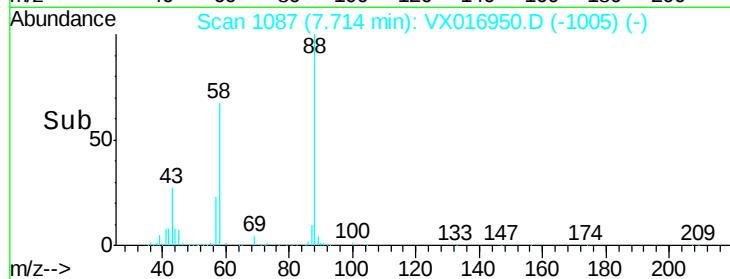
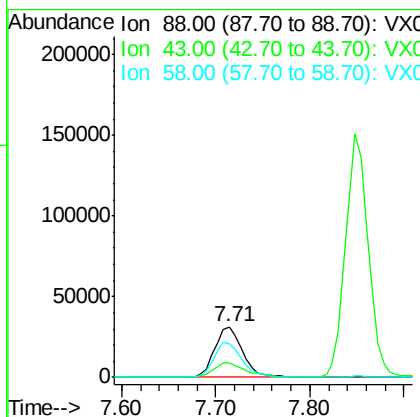
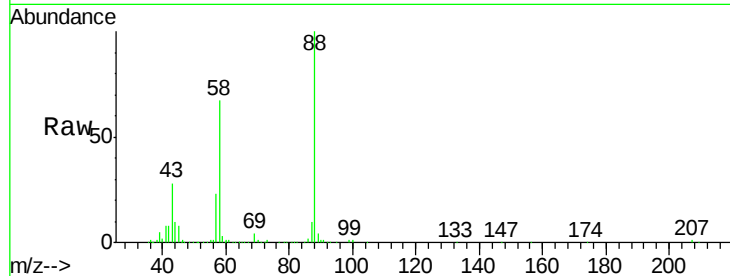
#45  
 1,4-Dioxane  
 Concen: 1017.266 ug/l  
 RT: 7.71 min Scan# 1087  
 Delta R.T. 0.00 min  
 Lab File: VX016950.D  
 Acq: 25 Jun 2020 13:27

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDIC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 88      | 100   |       |       |
| 43      | 32.9  | 28.9  | 43.3  |
| 58      | 70.8  | 56.7  | 85.1  |

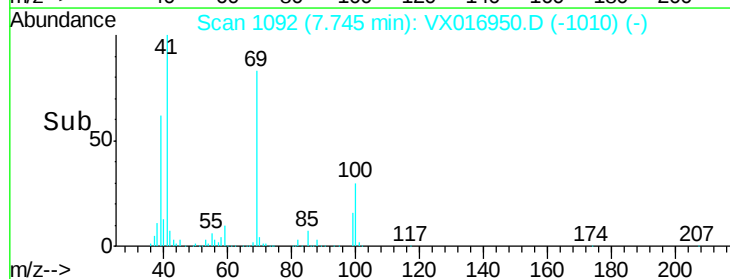
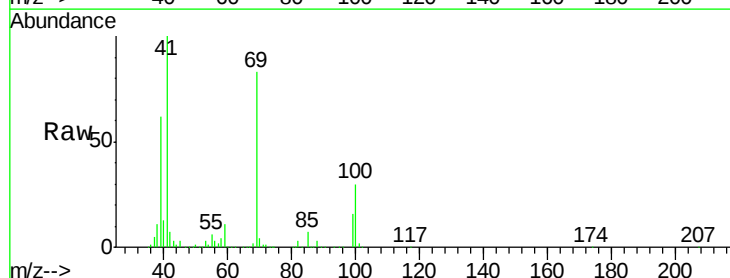
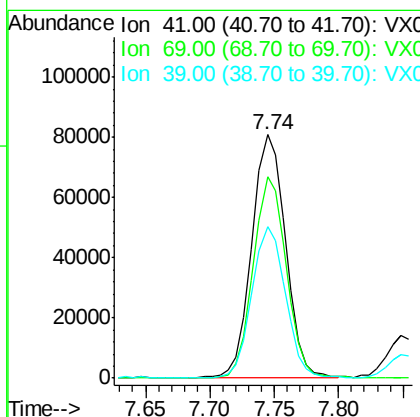
Manual Integrations  
 APPROVED

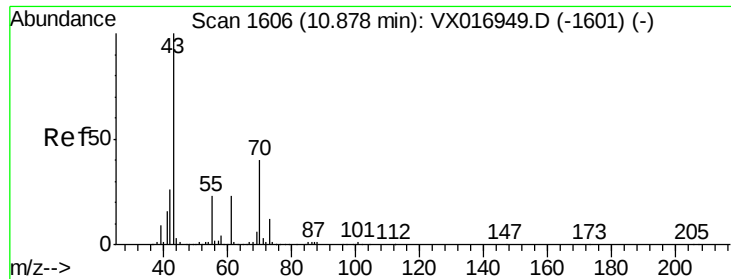
MMDadoda  
 6/26/2020 3:33:48 PM



#46  
 Methyl methacrylate  
 Concen: 50.963 ug/l  
 RT: 7.74 min Scan# 1092  
 Delta R.T. 0.00 min  
 Lab File: VX016950.D  
 Acq: 25 Jun 2020 13:27

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 41      | 100   |       |       |
| 69      | 82.5  | 41.3  | 123.9 |
| 39      | 62.2  | 32.0  | 96.2  |





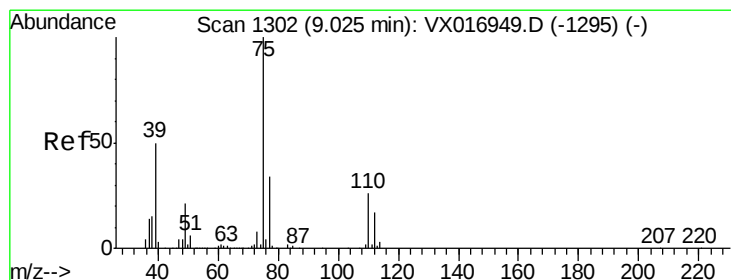
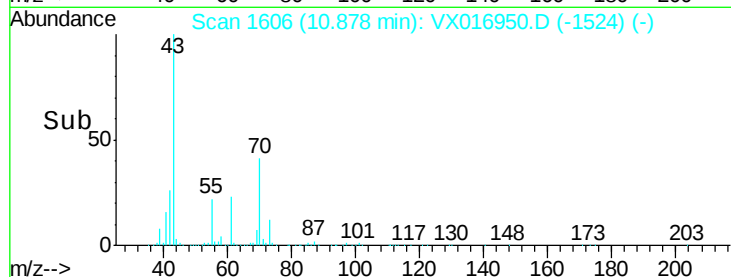
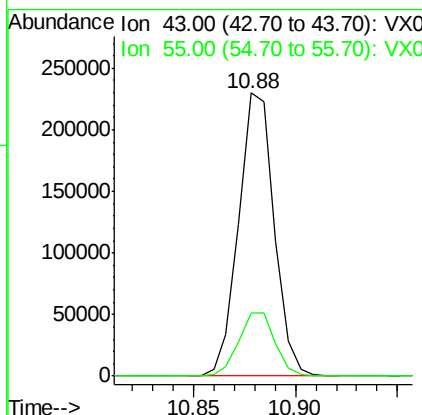
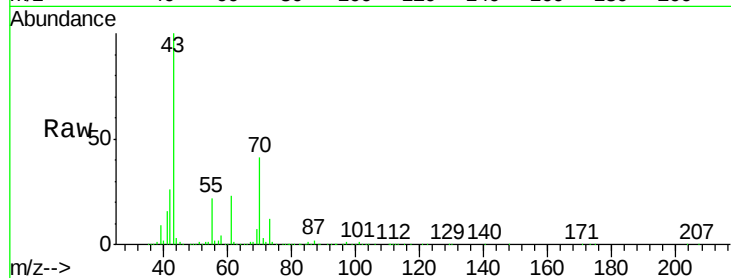
#47  
n-amvl Acetate  
Concen: 50.729 ug/l  
RT: 10.88 min Scan# 1606  
Delta R.T. 0.00 min  
Lab File: VX016950.D  
Acq: 25 Jun 2020 13:27

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 55      | 22.8  | 18.6  | 27.8  |

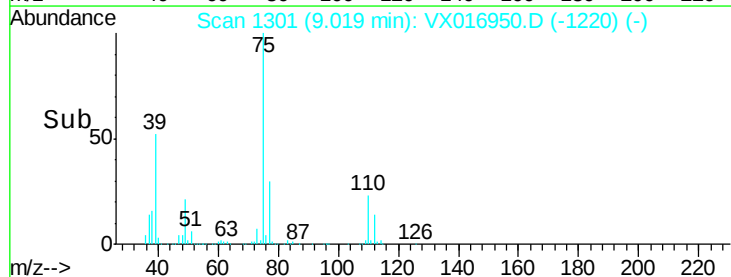
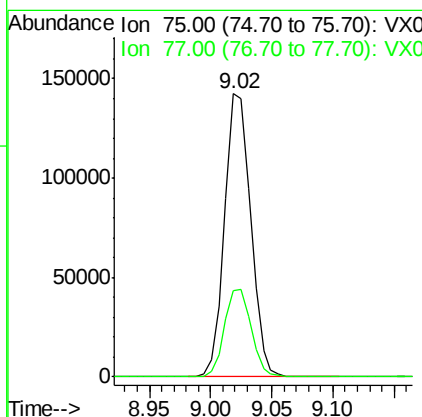
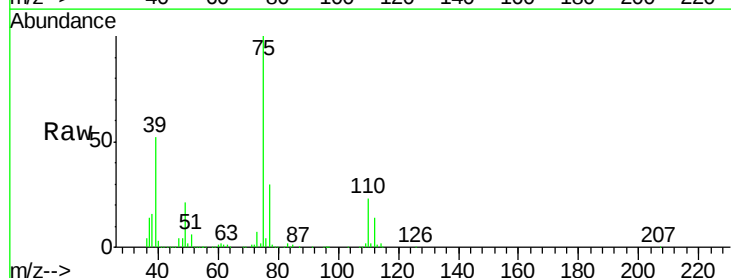
Manual Integrations  
APPROVED

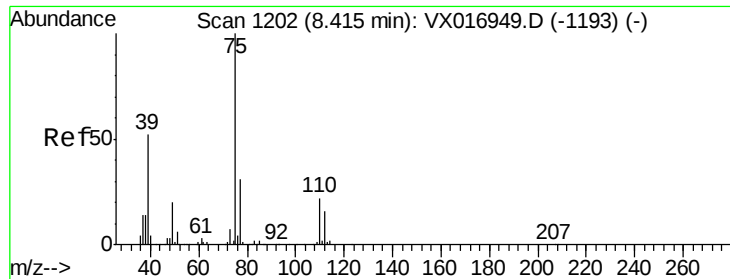
MMDadoda  
6/26/2020 3:33:48 PM



#48  
t-1,3-Dichloropropene  
Concen: 50.634 ug/l  
RT: 9.02 min Scan# 1301  
Delta R.T. -0.01 min  
Lab File: VX016950.D  
Acq: 25 Jun 2020 13:27

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 77      | 30.2  | 27.0  | 40.4  |





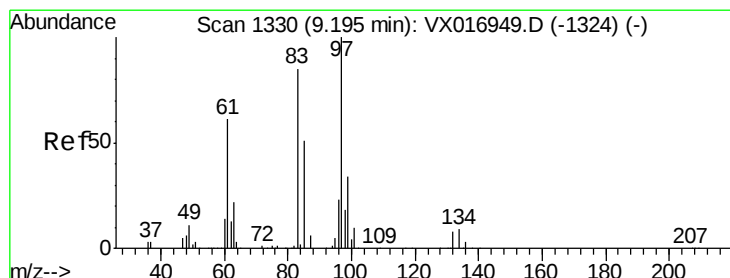
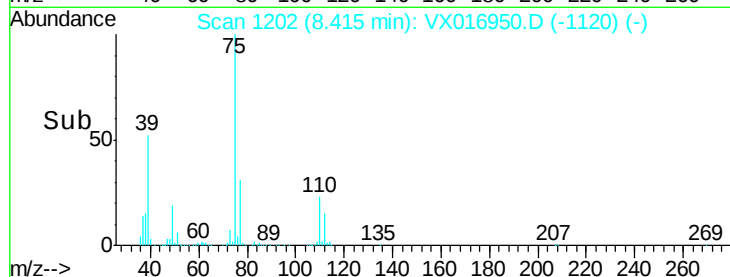
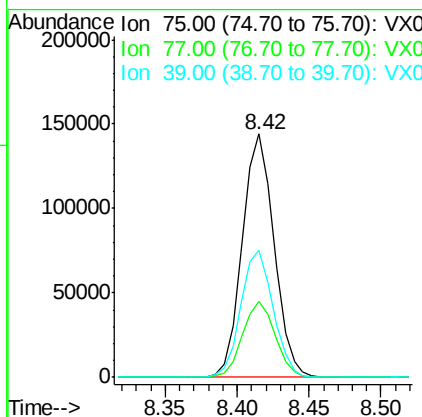
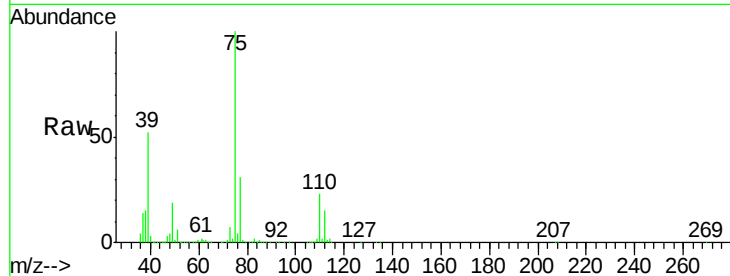
#49  
 cis-1,3-Dichloropropene  
 Concen: 50.377 ug/l  
 RT: 8.42 min Scan# 1202  
 Delta R.T. 0.00 min  
 Lab File: VX016950.D  
 Acq: 25 Jun 2020 13:27

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDIC050

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 75    | Resp: | 220937 |
| Ion Ratio | Lower | Upper |        |
| 75        | 100   |       |        |
| 77        | 30.9  | 24.8  | 37.2   |
| 39        | 52.2  | 41.8  | 62.6   |

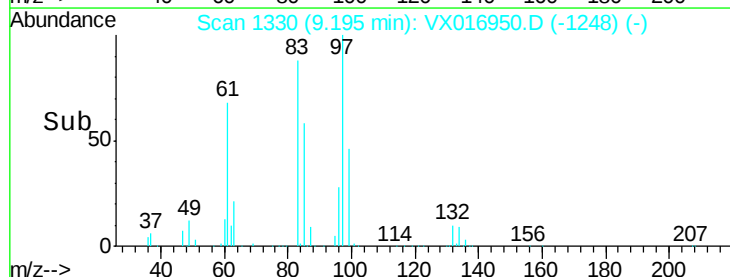
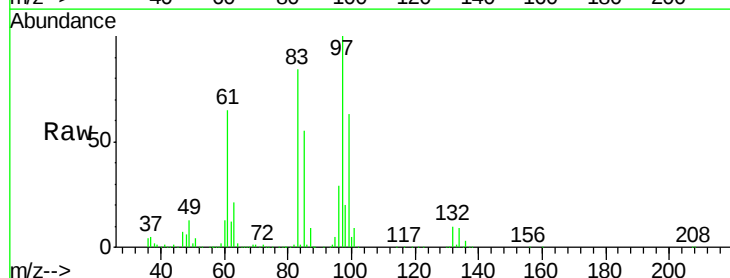
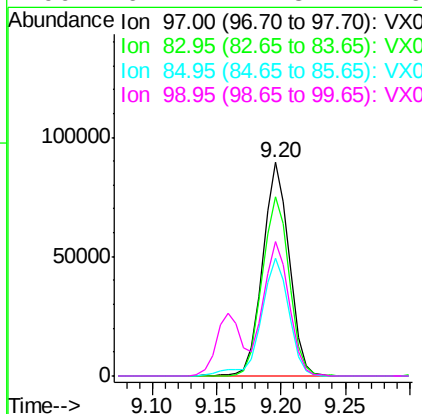
Manual Integrations  
 APPROVED

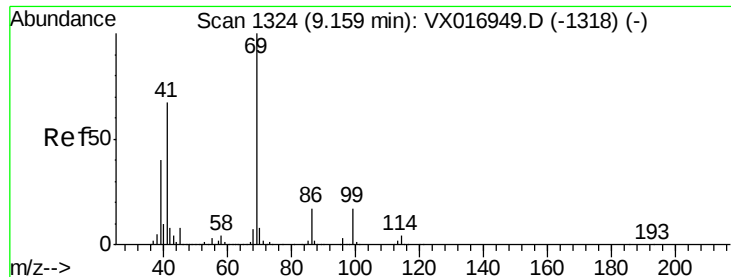
MMDadoda  
 6/26/2020 3:33:48 PM



#50  
 1,1,2-Trichloroethane  
 Concen: 50.138 ug/l  
 RT: 9.20 min Scan# 1330  
 Delta R.T. 0.00 min  
 Lab File: VX016950.D  
 Acq: 25 Jun 2020 13:27

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 97    | Resp: | 127537 |
| Ion Ratio | Lower | Upper |        |
| 97        | 100   |       |        |
| 83        | 83.9  | 67.4  | 101.0  |
| 85        | 55.4  | 42.9  | 64.3   |
| 99        | 62.7  | 47.8  | 71.6   |





#51

Ethyl methacrylate

Concen: 50.665 ug/l

RT: 9.16 min Scan# 1324

Delta R.T. 0.00 min

Lab File: VX016950.D

Acq: 25 Jun 2020 13:27

Instrument :

MSVOA\_X

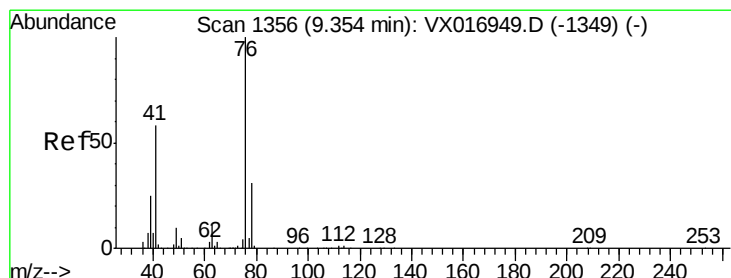
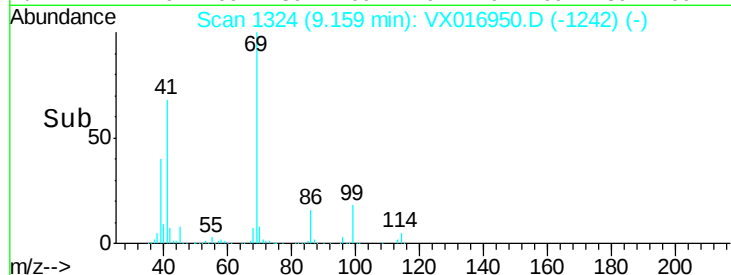
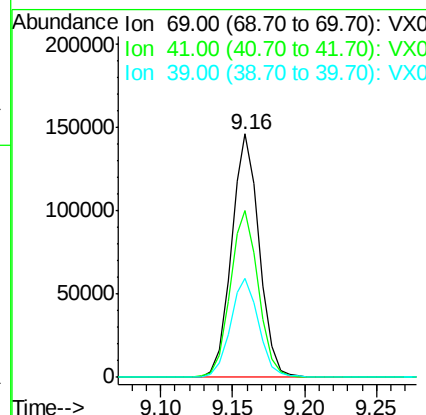
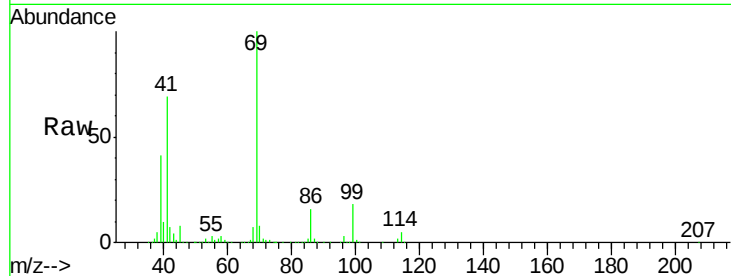
ClientSampleId :

VSTDIC050

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 69    | Resp: | 197784 |
| Ion      | Ratio | Lower | Upper  |
| 69       | 100   |       |        |
| 41       | 68.6  | 33.7  | 101.1  |
| 39       | 40.8  | 19.9  | 59.7   |

Manual Integrations  
APPROVED

MMDadoda  
6/26/2020 3:33:48 PM



#52

1,3-Dichloropropane

Concen: 50.309 ug/l

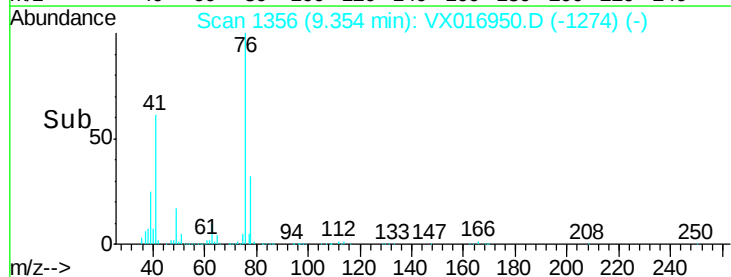
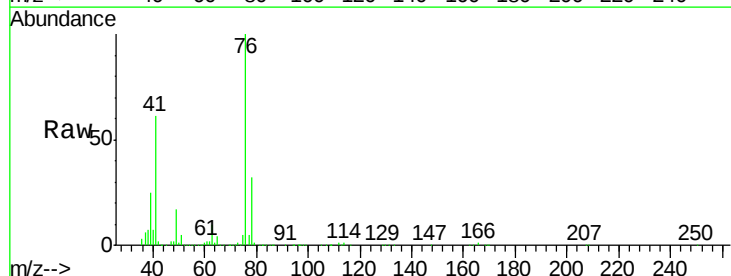
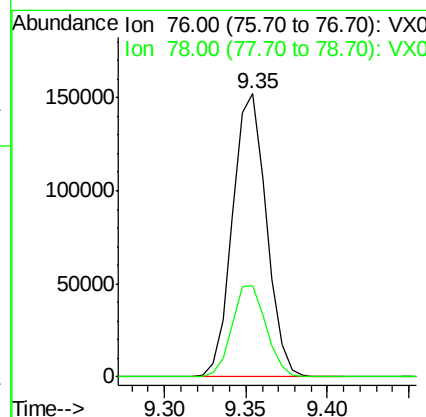
RT: 9.35 min Scan# 1356

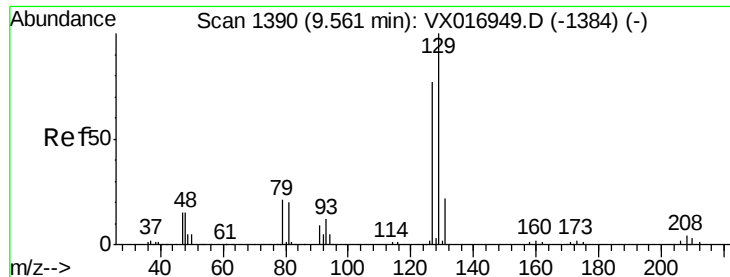
Delta R.T. 0.00 min

Lab File: VX016950.D

Acq: 25 Jun 2020 13:27

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 76    | Resp: | 219708 |
| Ion      | Ratio | Lower | Upper  |
| 76       | 100   |       |        |
| 78       | 32.7  | 0.0   | 62.4   |





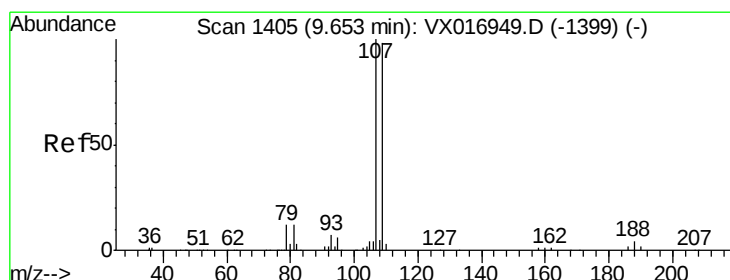
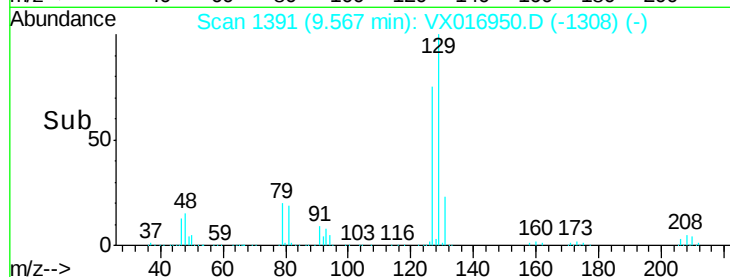
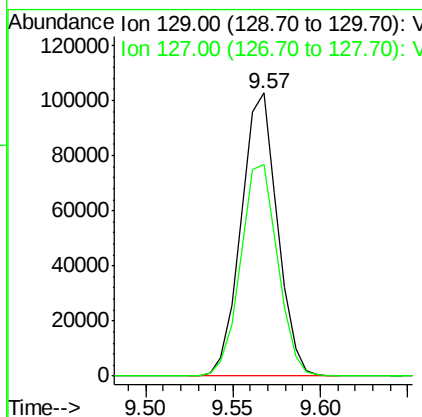
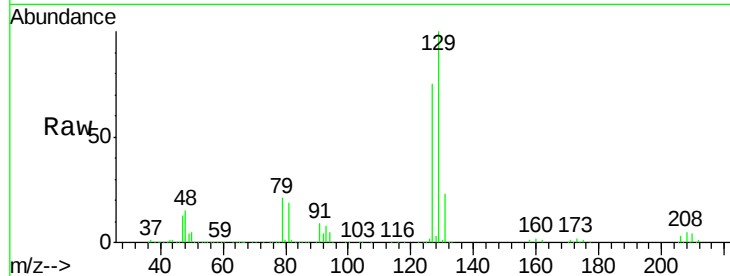
#53  
Dibromochloromethane  
Concen: 50.587 ug/l  
RT: 9.57 min Scan# 1391  
Delta R.T. 0.01 min  
Lab File: VX016950.D  
Acq: 25 Jun 2020 13:27

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC050

Tot Ion:129 Resp: 147901  
Ion Ratio Lower Upper  
129 100  
127 76.4 38.7 116.1

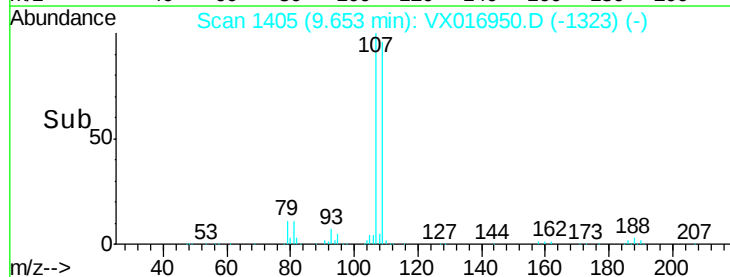
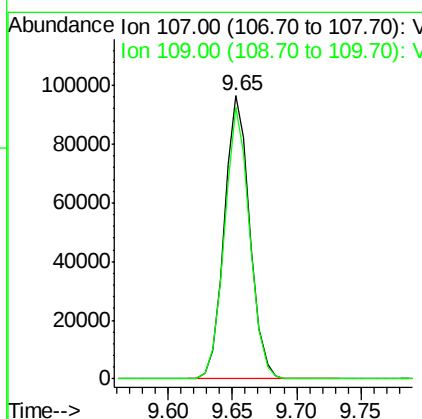
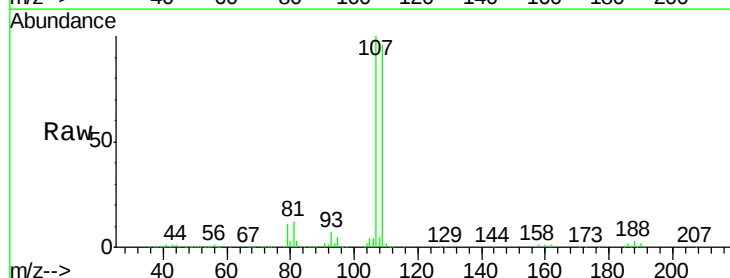
Manual Integrations  
APPROVED

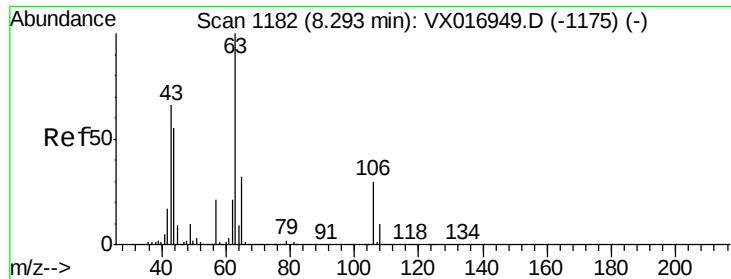
MMDadoda  
6/26/2020 3:33:48 PM



#54  
1,2-Dibromoethane  
Concen: 49.702 ug/l  
RT: 9.65 min Scan# 1405  
Delta R.T. 0.00 min  
Lab File: VX016950.D  
Acq: 25 Jun 2020 13:27

Tgt Ion:107 Resp: 134156  
Ion Ratio Lower Upper  
107 100  
109 95.0 75.0 112.6





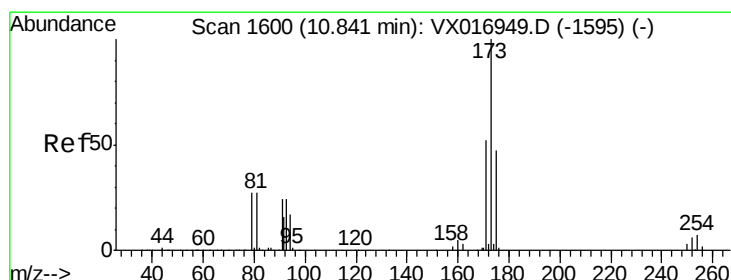
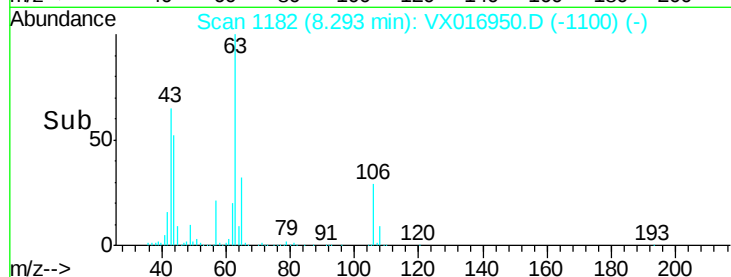
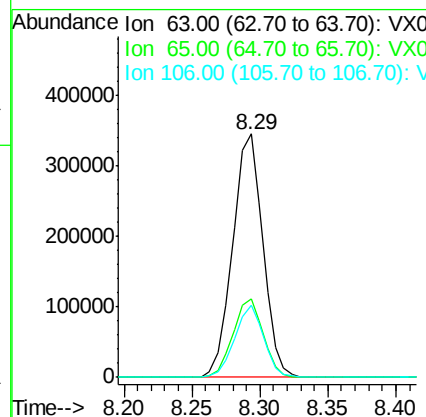
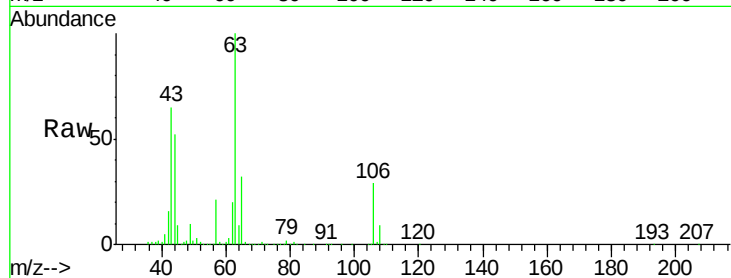
#55  
 2-Chloroethyl vinyl ether  
 Concen: 258.630 ug/l  
 RT: 8.29 min Scan# 1182  
 Delta R.T. 0.00 min  
 Lab File: VX016950.D  
 Acq: 25 Jun 2020 13:27

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDIC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 63      | 100   |       |       |
| 65      | 32.2  | 25.9  | 38.9  |
| 106     | 28.4  | 22.6  | 33.8  |

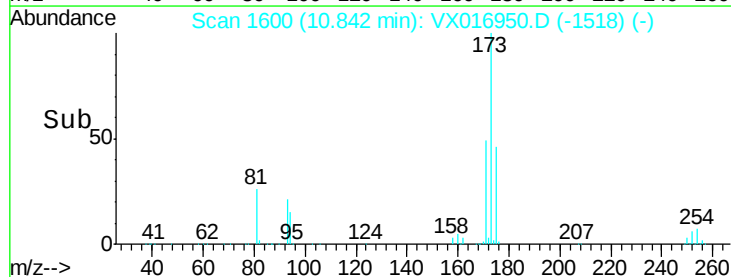
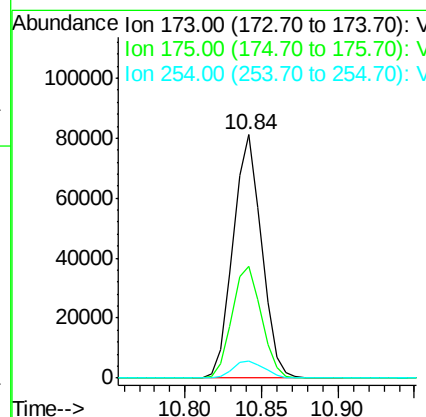
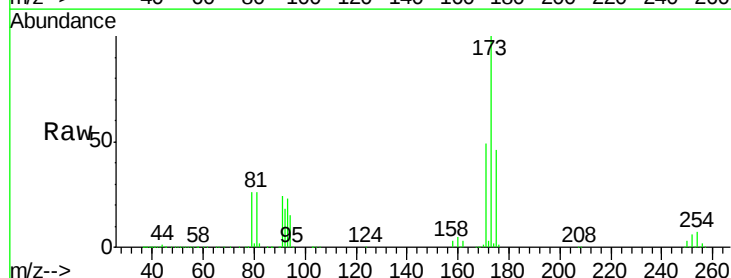
Manual Integrations  
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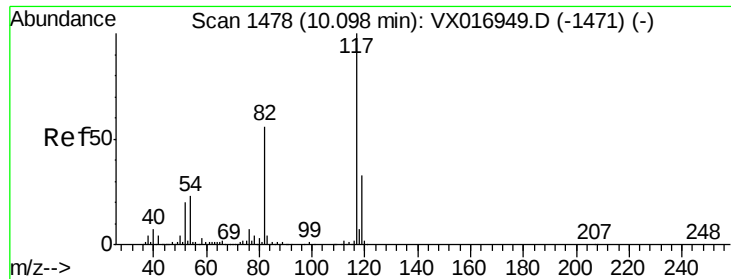
MMDadoda  
 6/26/2020 3:33:48 PM



#56  
 Bromoform  
 Concen: 50.494 ug/l  
 RT: 10.84 min Scan# 1600  
 Delta R.T. 0.00 min  
 Lab File: VX016950.D  
 Acq: 25 Jun 2020 13:27

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 173     | 100   |       |       |
| 175     | 47.2  | 38.7  | 58.1  |
| 254     | 7.6   | 5.8   | 8.6   |





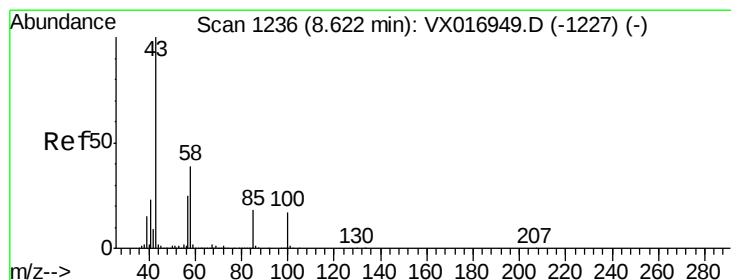
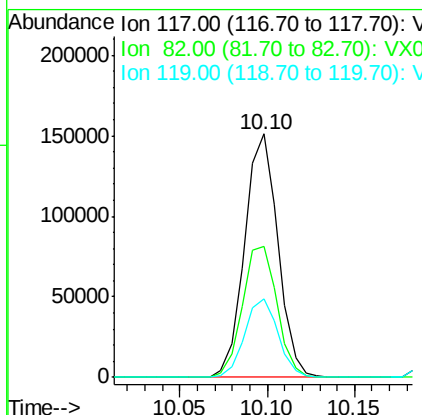
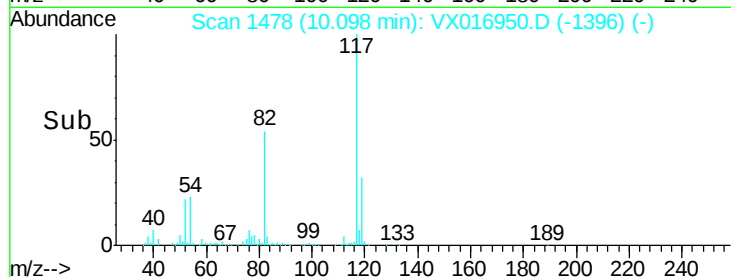
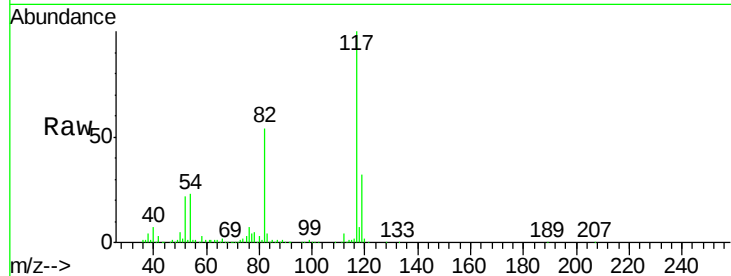
#57  
Chlorobenzene-d5  
Concen: 30.000 ug/l  
RT: 10.10 min Scan# 1478  
Delta R.T. 0.00 min  
Lab File: VX016950.D  
Acq: 25 Jun 2020 13:27

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC050

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 117     | 100   | 199702 |       |       |
| 82      | 56.5  | 44.9   | 67.3  |       |
| 119     | 32.6  | 25.8   | 38.8  |       |

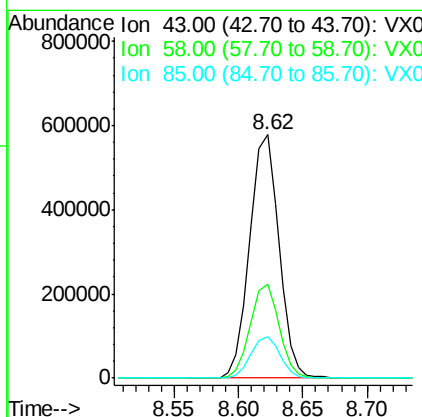
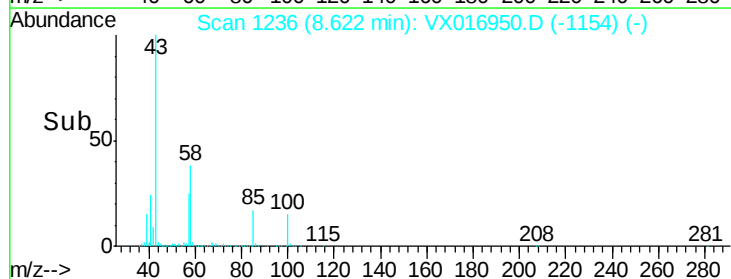
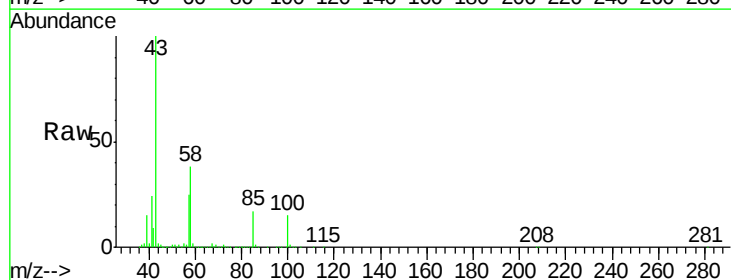
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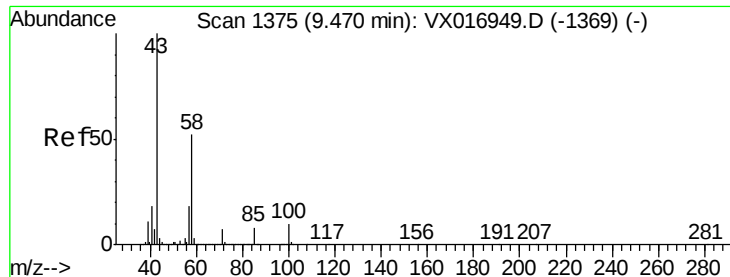
MMDadoda  
6/26/2020 3:33:48 PM



#58  
4-Methyl-2-Pentanone  
Concen: 246.922 ug/l  
RT: 8.62 min Scan# 1236  
Delta R.T. 0.00 min  
Lab File: VX016950.D  
Acq: 25 Jun 2020 13:27

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 43      | 100   | 908317 |       |       |
| 58      | 38.0  | 30.4   | 45.6  |       |
| 85      | 17.2  | 13.5   | 20.3  |       |





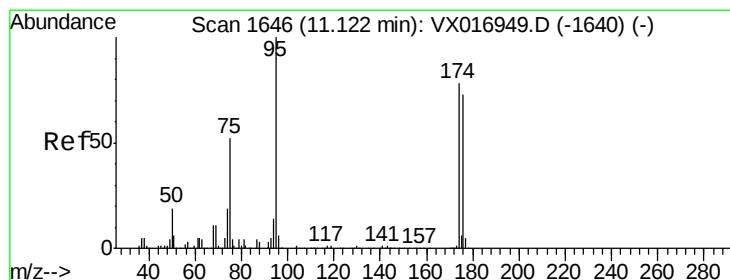
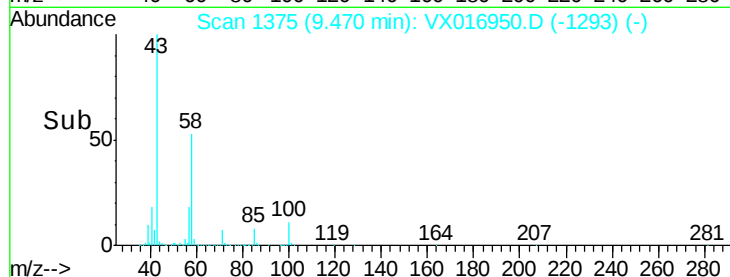
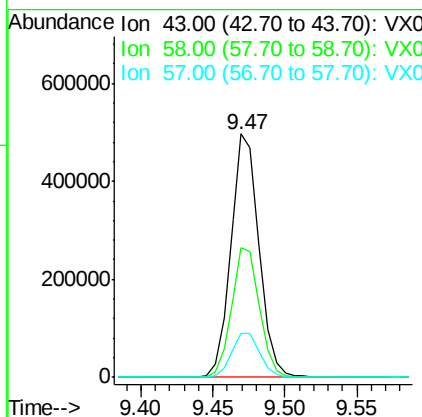
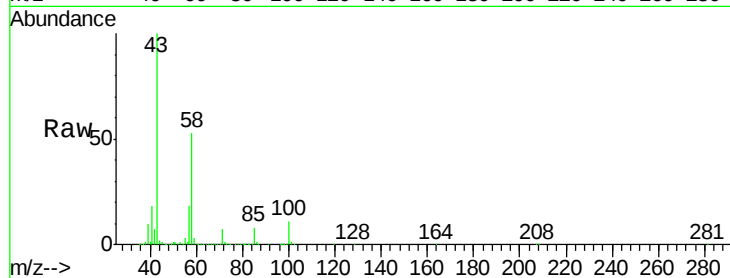
#59  
2-Hexanone  
Concen: 246.843 ug/l  
RT: 9.47 min Scan# 1375  
Delta R.T. 0.00 min  
Lab File: VX016950.D  
Acq: 25 Jun 2020 13:27

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 58      | 53.4  | 42.3  | 63.5  |
| 57      | 18.5  | 14.1  | 21.1  |

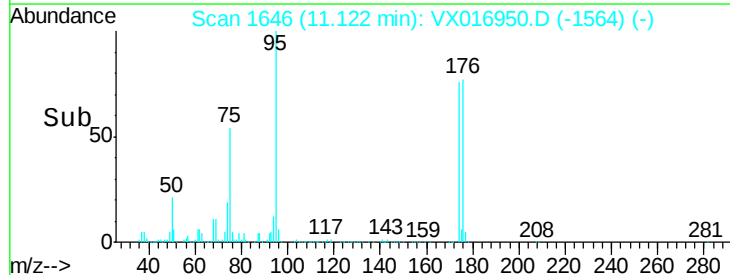
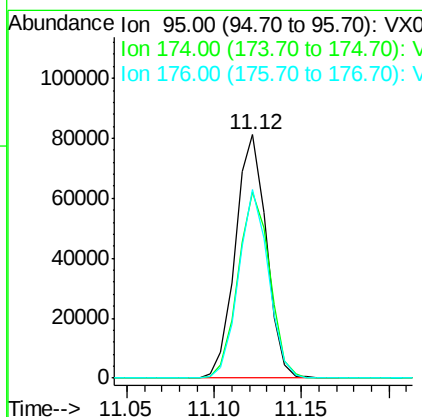
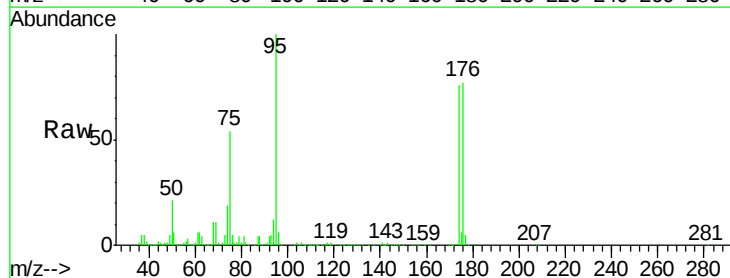
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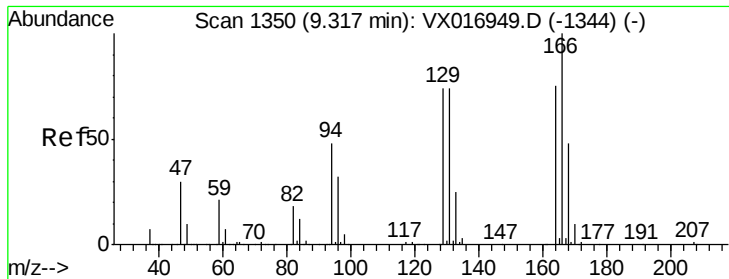
MMDadoda  
6/26/2020 3:33:48 PM



#60  
4-Bromofluorobenzene  
Concen: 30.038 ug/l  
RT: 11.12 min Scan# 1646  
Delta R.T. 0.00 min  
Lab File: VX016950.D  
Acq: 25 Jun 2020 13:27

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 95      | 100   |       |       |
| 174     | 78.2  | 62.2  | 93.4  |
| 176     | 74.8  | 58.9  | 88.3  |





#61

Tetrachloroethene

Concen: 49.594 ug/l

RT: 9.32 min Scan# 1350

Delta R.T. 0.00 min

Lab File: VX016950.D

Acq: 25 Jun 2020 13:27

Instrument :

MSVOA\_X

ClientSampleId :

VSTDIC050

Tot Ion:164 Resp: 126305

Ion Ratio Lower Upper

164 100

166 128.6 106.3 159.5

129 97.1 78.9 118.3

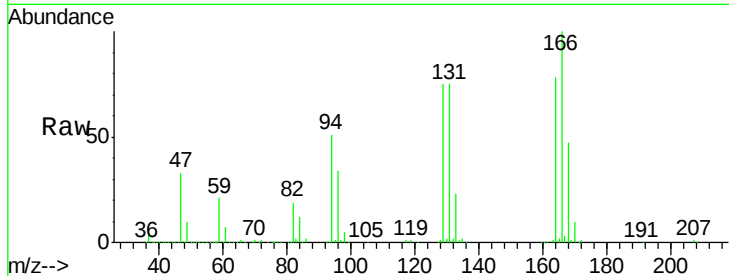
131 95.9 78.2 117.4

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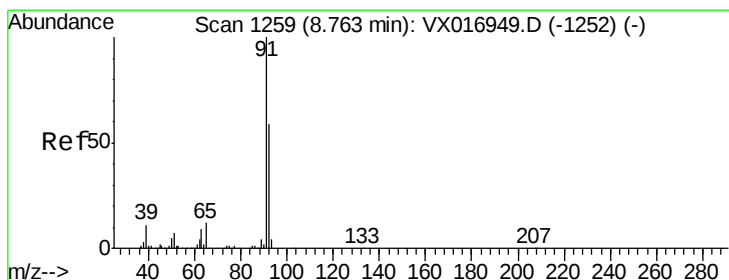
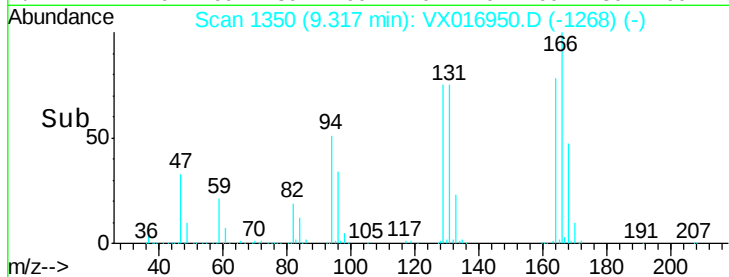
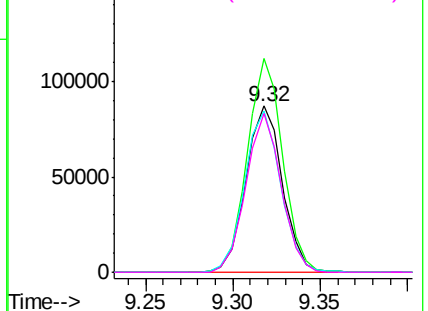


Abundance Ion 163.85 (163.55 to 164.55): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.90 (128.60 to 129.60): V

Ion 130.90 (130.60 to 131.60): V



#62

Toluene

Concen: 49.934 ug/l

RT: 8.76 min Scan# 1259

Delta R.T. 0.00 min

Lab File: VX016950.D

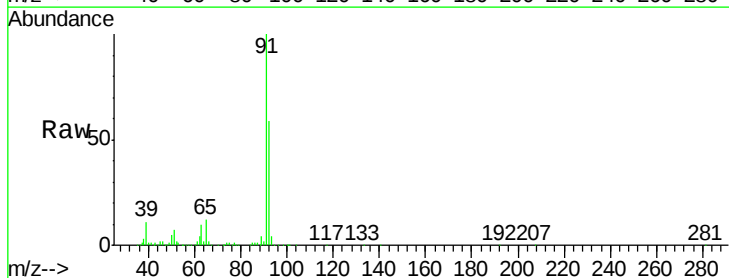
Acq: 25 Jun 2020 13:27

Tgt Ion: 91 Resp: 545413

Ion Ratio Lower Upper

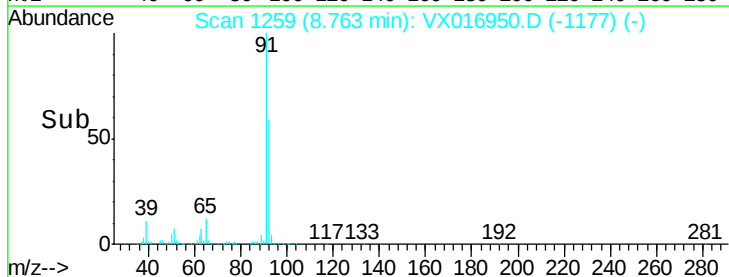
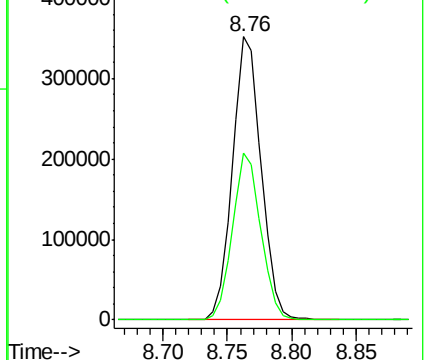
91 100

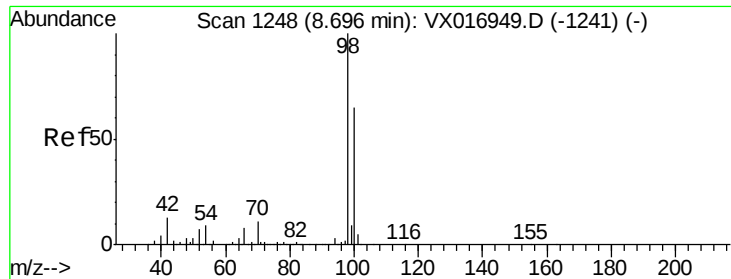
92 58.5 46.8 70.2



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0





#63

Toluene-d8

Concen: 30.035 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. 0.00 min

Lab File: VX016950.D

Acq: 25 Jun 2020 13:27

Instrument :

MSVOA\_X

ClientSampleId :

VSTDIC050

Tot Ion: 98 Resp: 264396

Ion Ratio Lower Upper

98 100

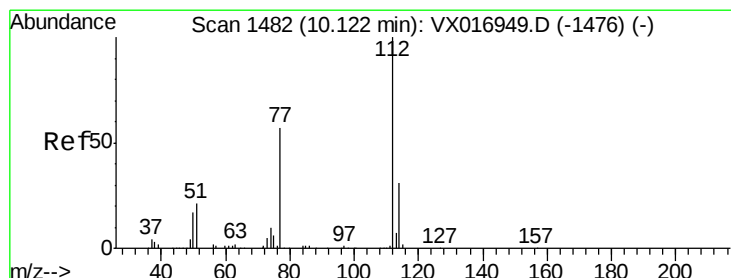
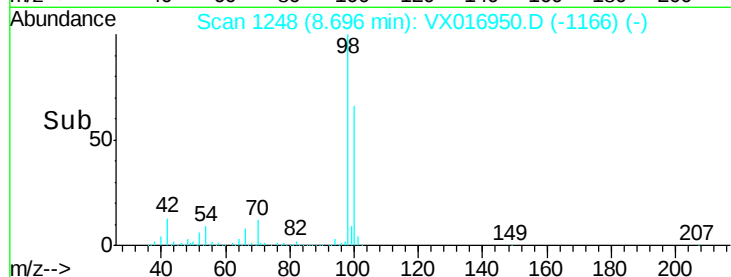
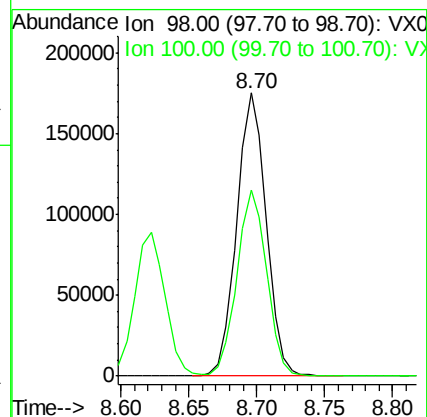
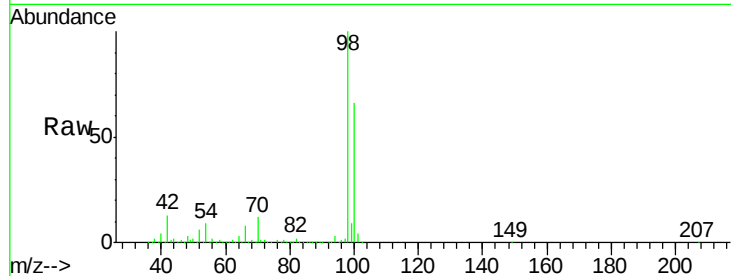
100 66.6 52.3 78.5

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#64

Chlorobenzene

Concen: 50.201 ug/l

RT: 10.12 min Scan# 1482

Delta R.T. 0.00 min

Lab File: VX016950.D

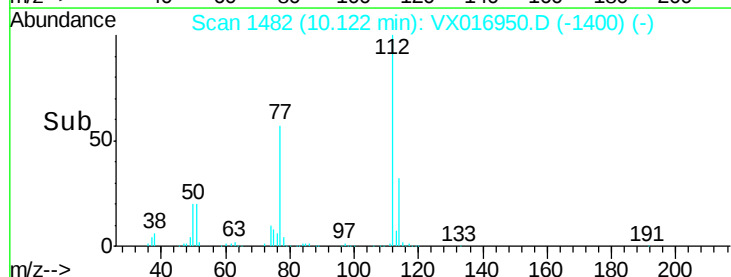
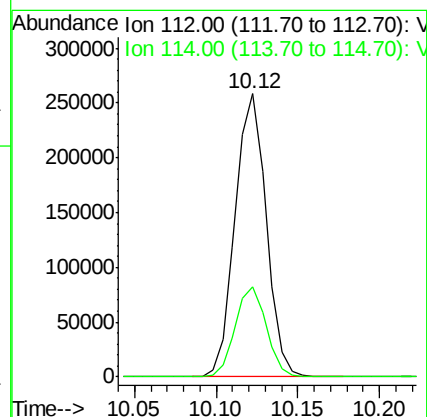
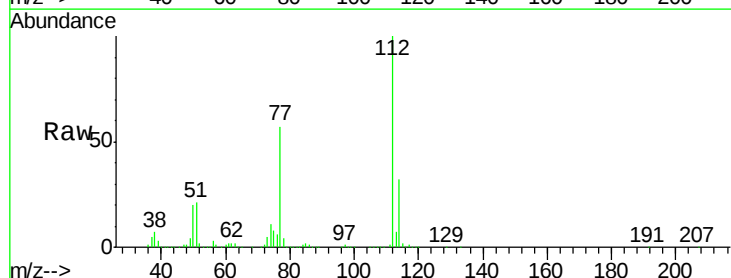
Acq: 25 Jun 2020 13:27

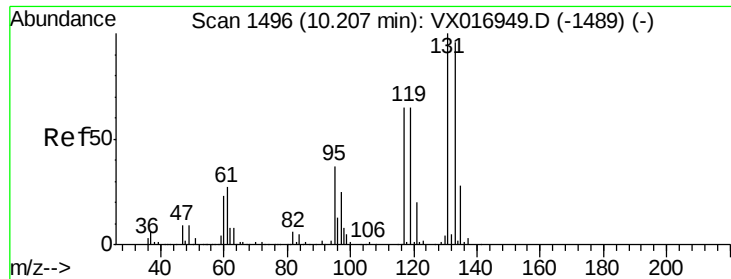
Tgt Ion: 112 Resp: 343526

Ion Ratio Lower Upper

112 100

114 31.8 24.9 37.3





#65

1,1,1,2-Tetrachloroethane

Concen: 49.949 ug/l

RT: 10.20 min Scan# 1495

Delta R.T. -0.01 min

Lab File: VX016950.D

Acq: 25 Jun 2020 13:27

Instrument :

MSVOA\_X

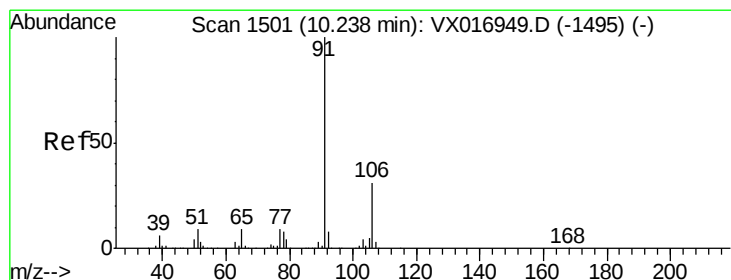
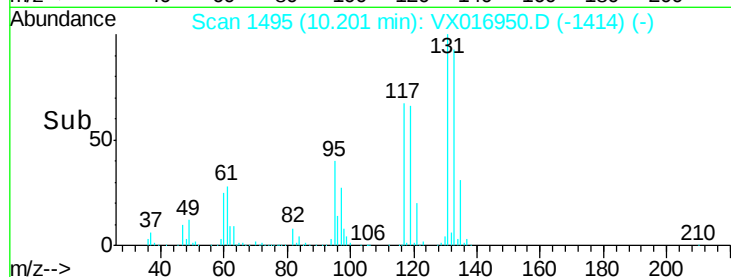
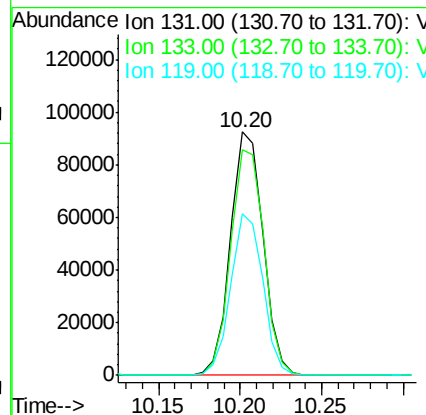
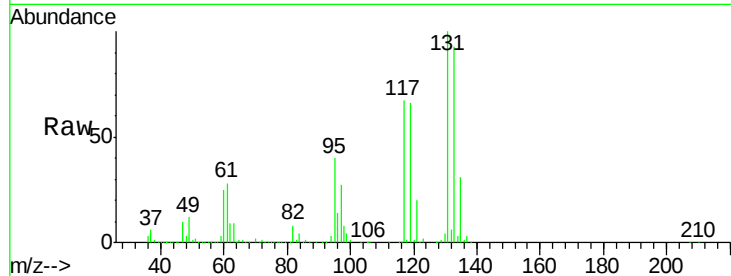
ClientSampleId :

VSTDIC050

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 131   | Resp: | 128675 |
| Ion Ratio | Lower | Upper |        |
| 131       | 100   |       |        |
| 133       | 94.3  | 0.0   | 190.2  |
| 119       | 65.7  | 0.0   | 133.2  |

Manual Integrations  
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#66

Ethyl Benzene

Concen: 51.119 ug/l

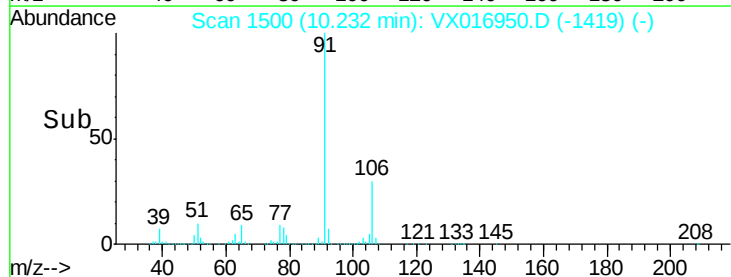
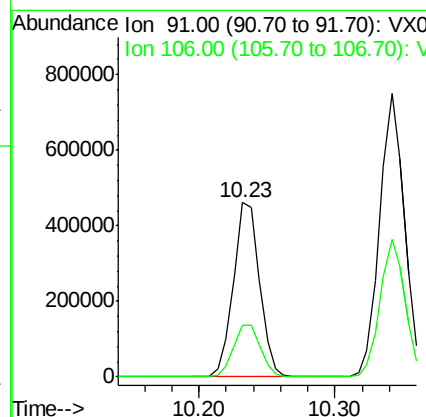
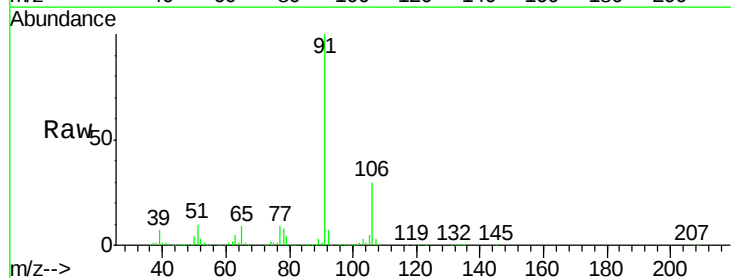
RT: 10.23 min Scan# 1500

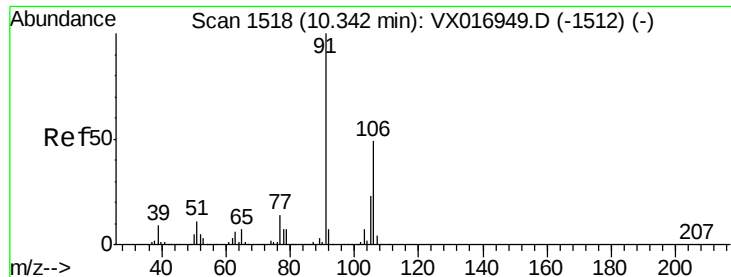
Delta R.T. -0.01 min

Lab File: VX016950.D

Acq: 25 Jun 2020 13:27

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 91    | Resp: | 619192 |
| Ion Ratio | Lower | Upper |        |
| 91        | 100   |       |        |
| 106       | 30.1  | 24.8  | 37.2   |





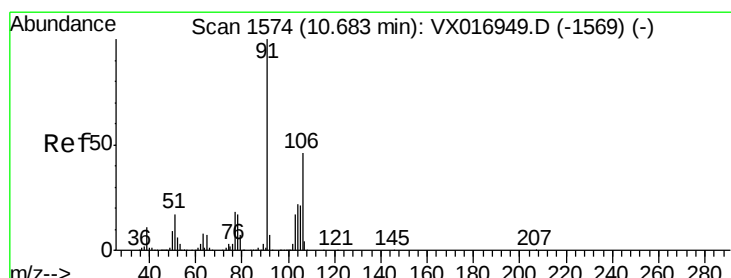
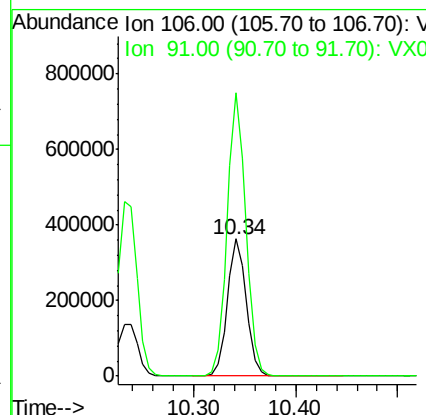
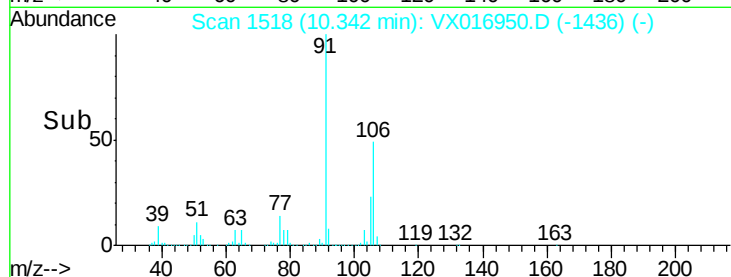
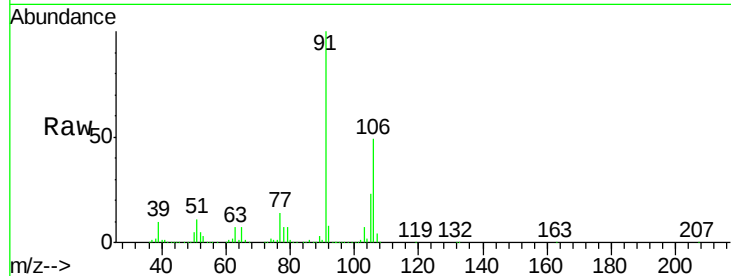
#67  
m/p-Xvlenes  
Concen: 102.024 ug/l  
RT: 10.34 min Scan# 1518  
Delta R.T. 0.00 min  
Lab File: VX016950.D  
Acq: 25 Jun 2020 13:27

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC050

| Tot Ion | Ion   | Ratio | Resp   | Lower | Upper |
|---------|-------|-------|--------|-------|-------|
| 106     | 100   |       | 466184 |       |       |
| 91      | 204.3 | 164.5 | 246.7  |       |       |

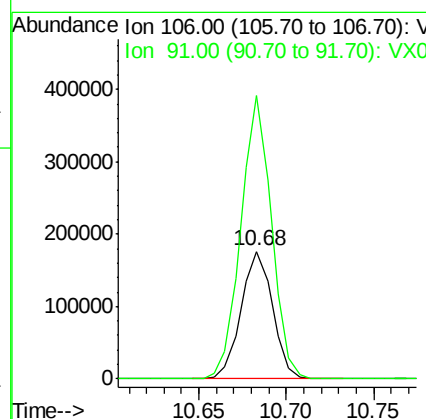
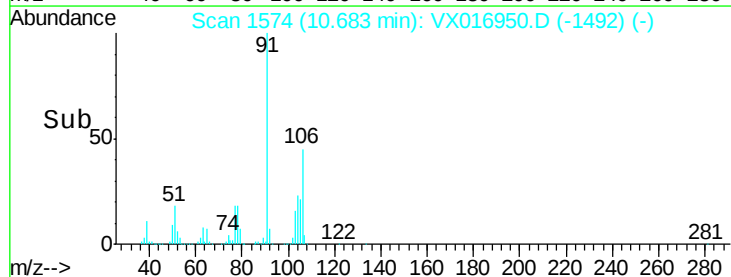
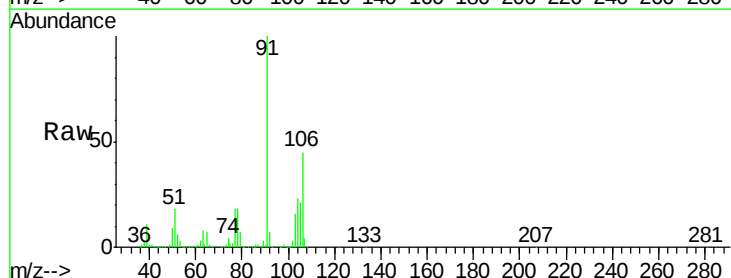
Manual Integrations  
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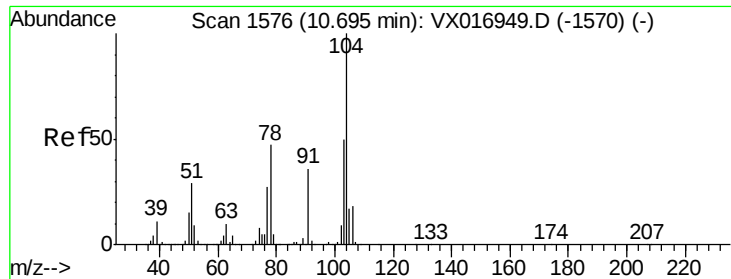
MMDadoda  
6/26/2020 3:33:48 PM



#68  
o-Xylene  
Concen: 50.352 ug/l  
RT: 10.68 min Scan# 1574  
Delta R.T. 0.00 min  
Lab File: VX016950.D  
Acq: 25 Jun 2020 13:27

| Tgt Ion | Ion   | Ratio | Resp   | Lower | Upper |
|---------|-------|-------|--------|-------|-------|
| 106     | 100   |       | 221009 |       |       |
| 91      | 214.4 | 107.3 | 321.9  |       |       |





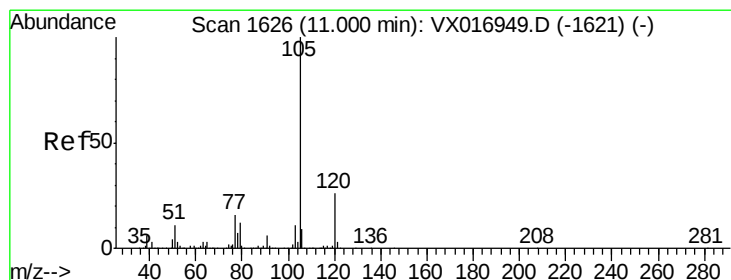
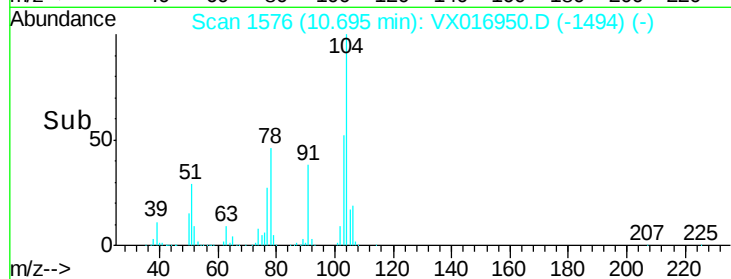
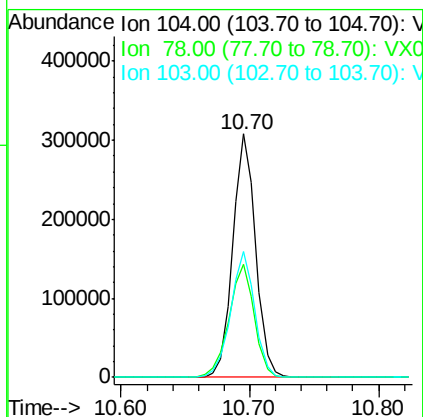
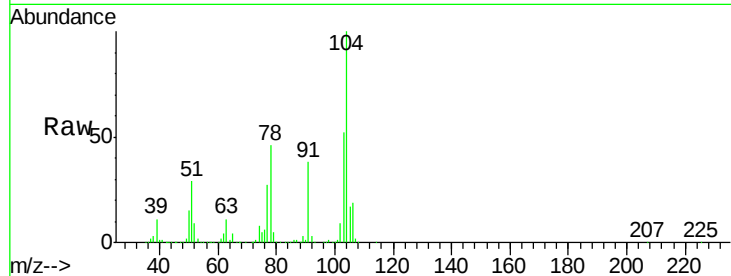
#69  
Stvrene  
Concen: 50.811 ug/l  
RT: 10.70 min Scan# 1576  
Delta R.T. 0.00 min  
Lab File: VX016950.D  
Acq: 25 Jun 2020 13:27

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 104     | 100   |       |       |
| 78      | 51.4  | 42.6  | 64.0  |
| 103     | 54.6  | 44.1  | 66.1  |

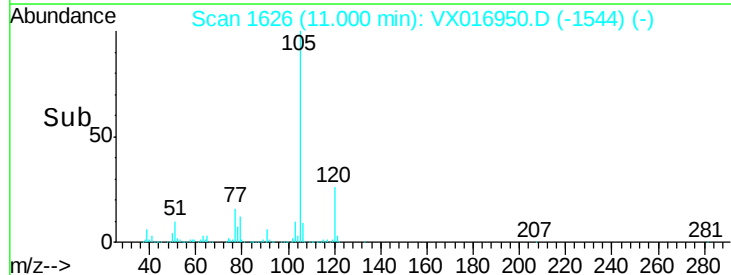
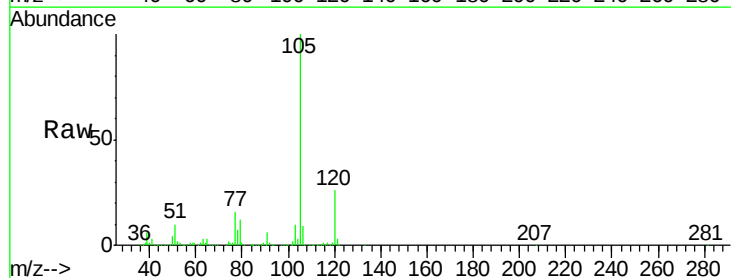
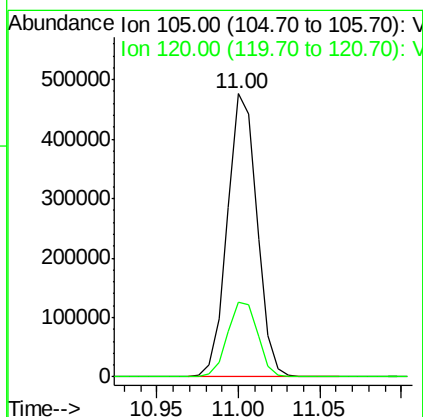
Manual Integrations  
APPROVED

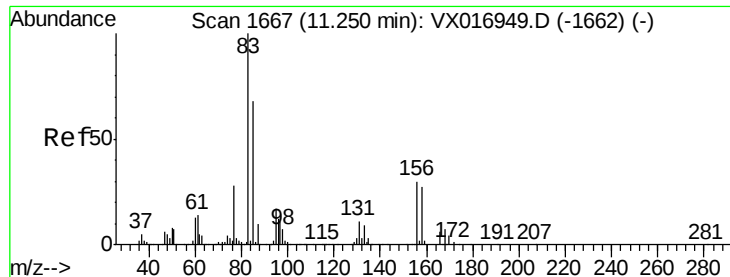
MMDadoda  
6/26/2020 3:33:48 PM



#70  
Isopropylbenzene  
Concen: 50.401 ug/l  
RT: 11.00 min Scan# 1626  
Delta R.T. 0.00 min  
Lab File: VX016950.D  
Acq: 25 Jun 2020 13:27

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 105     | 100   |       |       |
| 120     | 26.9  | 19.0  | 35.4  |





#71

1,1,2,2-Tetrachloroethane

Concen: 49.873 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. 0.00 min

Lab File: VX016950.D

Acq: 25 Jun 2020 13:27

Instrument :

MSVOA\_X

ClientSampleId :

VSTDIC050

Tot Ion: 83 Resp: 182345  
Ion Ratio Lower Upper

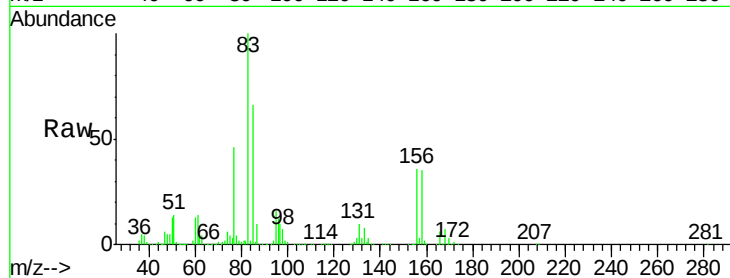
83 100

131 10.3 5.2 15.6

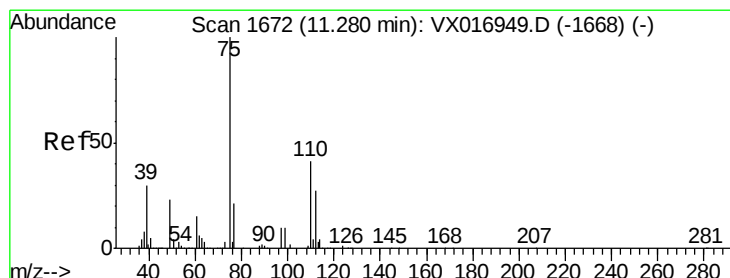
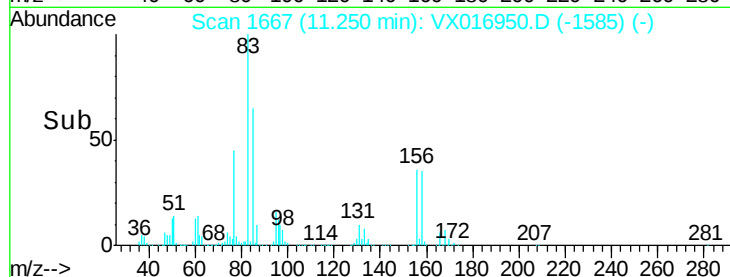
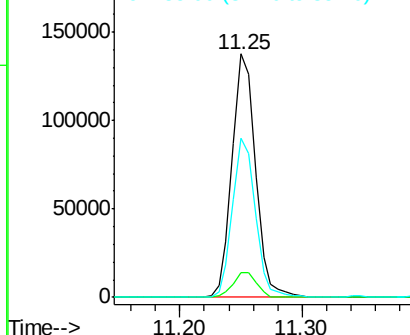
85 64.3 33.1 99.3

Manual Integrations  
APPROVED

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6/26/2020 3:33:48 PM



Abundance Ion 83.00 (82.70 to 83.70): VX0  
Ion 131.00 (130.70 to 131.70): VX0  
Ion 85.00 (84.70 to 85.70): VX0



#72

1,2,3-Trichloropropane

Concen: 50.512 ug/l m

RT: 11.28 min Scan# 1672

Delta R.T. 0.00 min

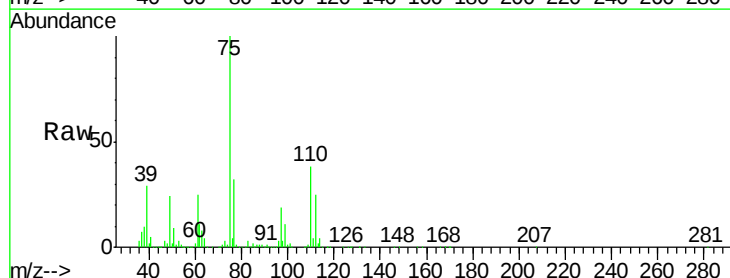
Lab File: VX016950.D

Acq: 25 Jun 2020 13:27

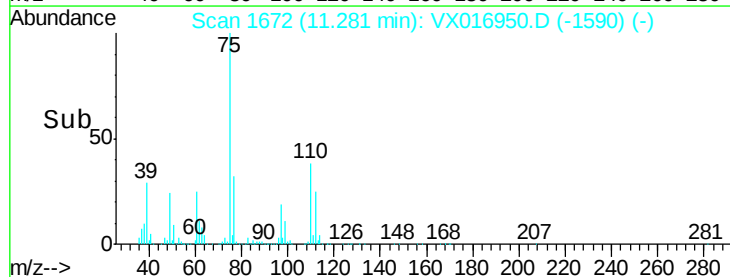
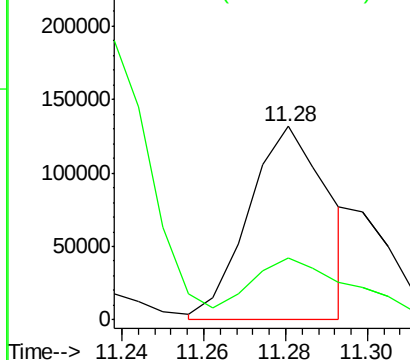
Tgt Ion: 75 Resp: 177353  
Ion Ratio Lower Upper

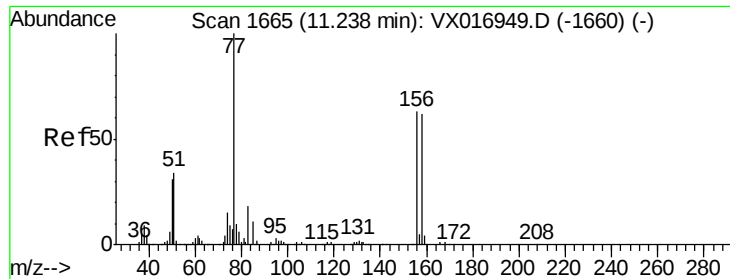
75 100

77 41.4 0.0 77.2



Abundance Ion 75.00 (74.70 to 75.70): VX0  
Ion 77.00 (76.70 to 77.70): VX0





#73

Bromobenzene

Concen: 49.552 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. 0.00 min

Lab File: VX016950.D

Acq: 25 Jun 2020 13:27

Instrument :

MSVOA\_X

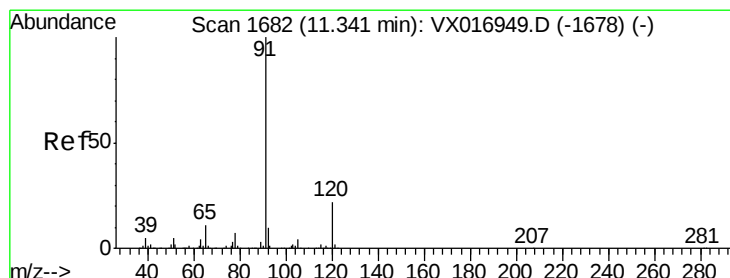
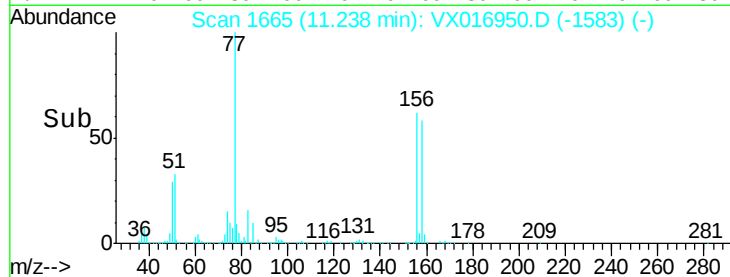
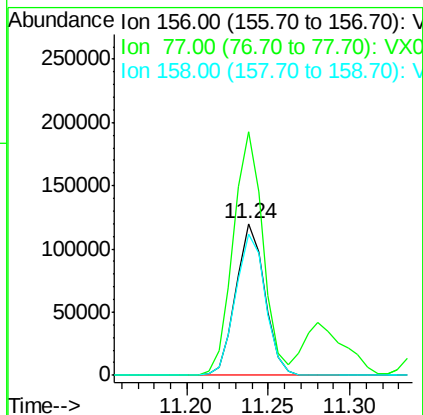
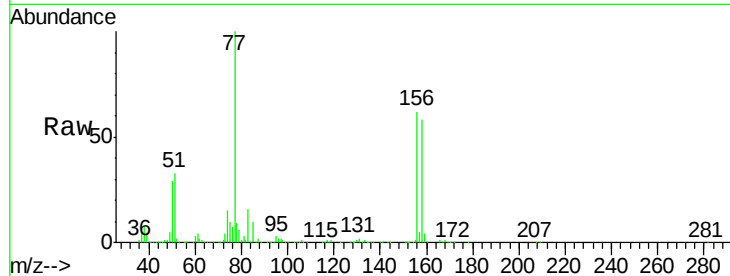
ClientSampleId :

VSTDIC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 156     | 100   |       |       |
| 77      | 164.0 | 0.0   | 317.2 |
| 158     | 96.2  | 0.0   | 188.4 |

Manual Integrations  
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#74

n-propylbenzene

Concen: 50.756 ug/l

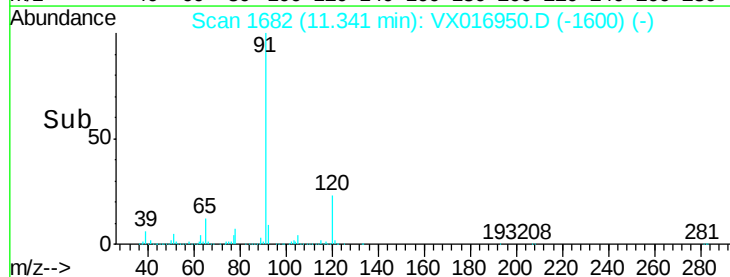
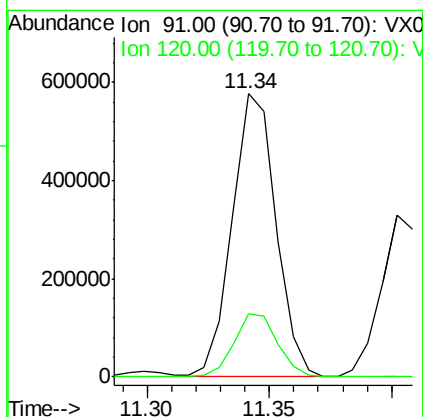
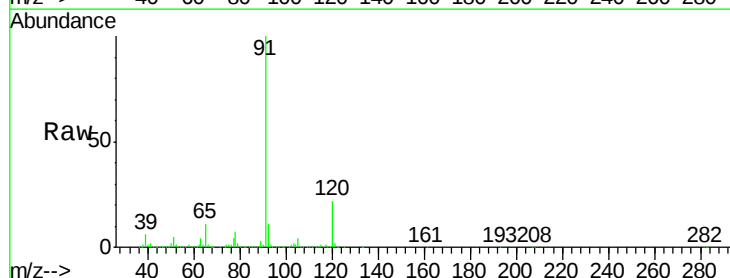
RT: 11.34 min Scan# 1682

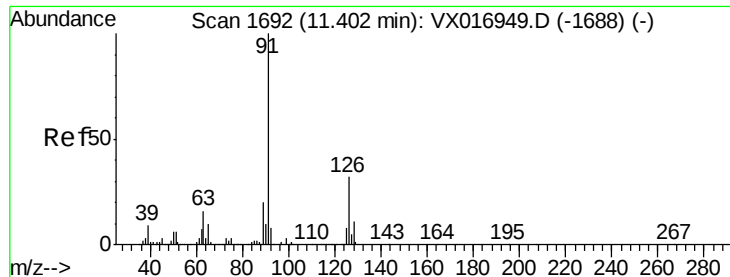
Delta R.T. 0.00 min

Lab File: VX016950.D

Acq: 25 Jun 2020 13:27

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 91      | 100   |       |       |
| 120     | 22.2  | 0.0   | 45.6  |





#75

2-Chlorotoluene

Concen: 50.359 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. 0.00 min

Lab File: VX016950.D

Acq: 25 Jun 2020 13:27

Instrument :

MSVOA\_X

ClientSampleId :

VSTDIC050

Tot Ion: 91 Resp: 415094

Ion Ratio Lower Upper

91 100

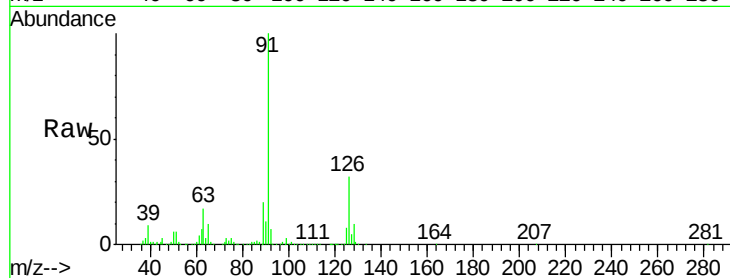
126 33.0 0.0 68.0

Manual Integrations

APPROVED

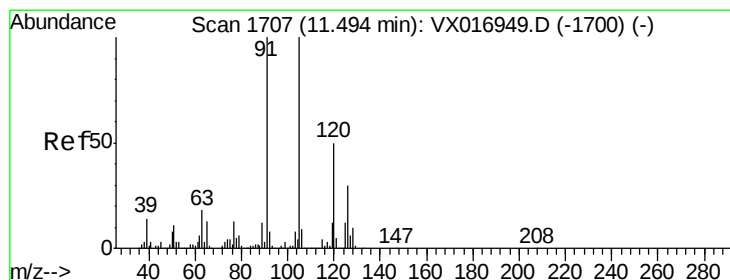
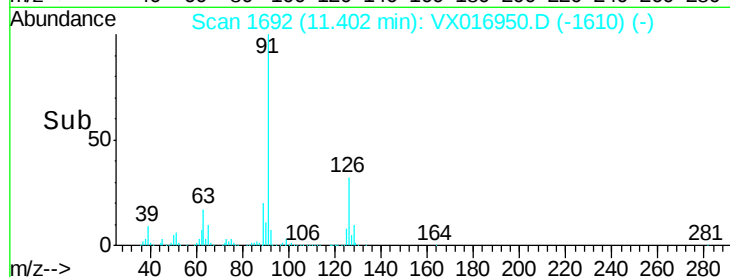
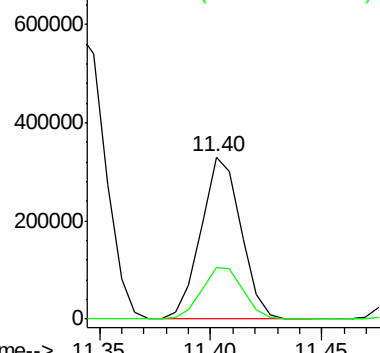
MMDadoda

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Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 126.00 (125.70 to 126.70): V



#76

1,3,5-Trimethylbenzene

Concen: 50.797 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. 0.00 min

Lab File: VX016950.D

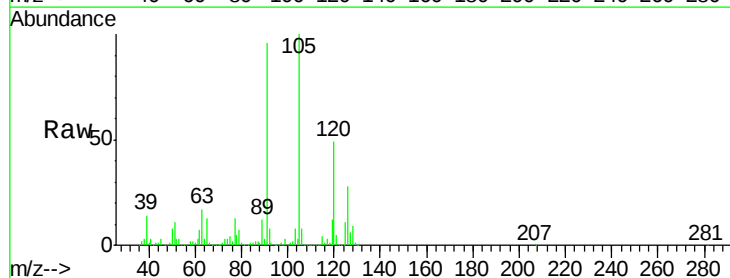
Acq: 25 Jun 2020 13:27

Tgt Ion: 105 Resp: 507600

Ion Ratio Lower Upper

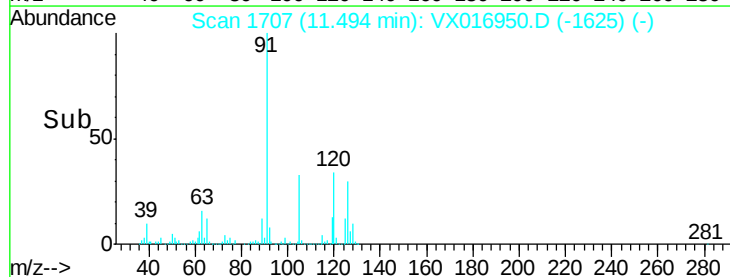
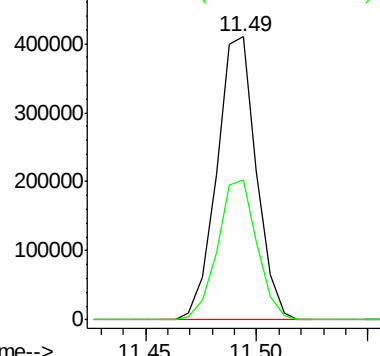
105 100

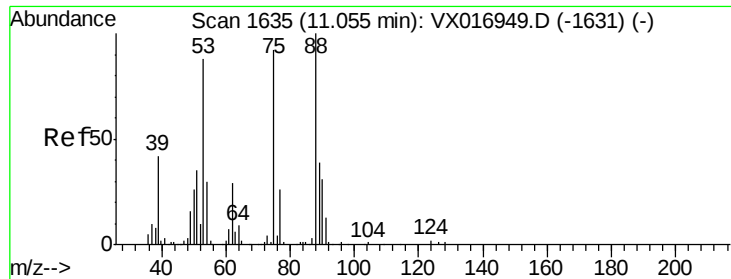
120 49.3 0.0 99.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





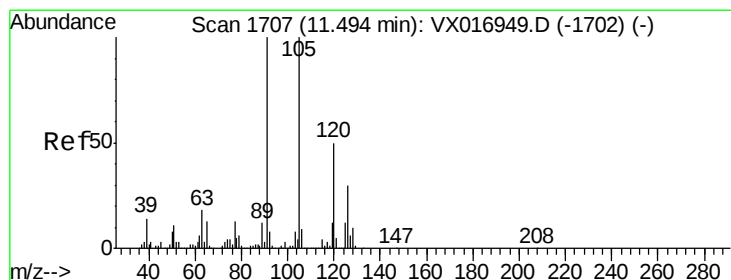
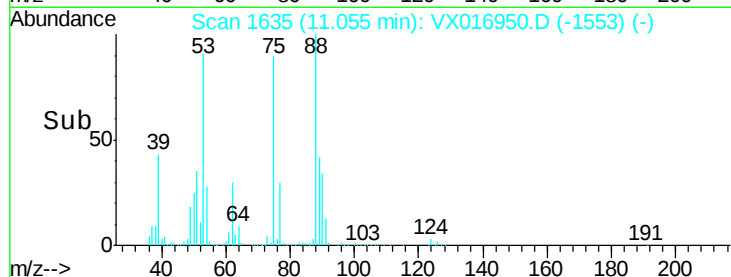
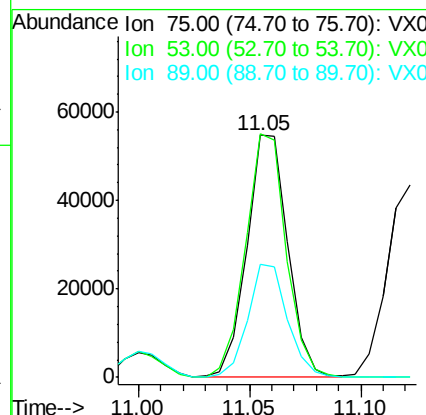
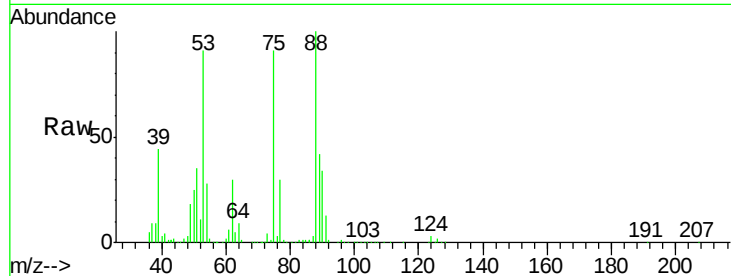
#77  
t-1,4-Dichloro-2-butene  
Concen: 49.343 ug/l  
RT: 11.05 min Scan# 1635  
Delta R.T. 0.00 min  
Lab File: VX016950.D  
Acq: 25 Jun 2020 13:27

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 53      | 100.6 | 47.6  | 142.9 |
| 89      | 46.5  | 21.1  | 63.4  |

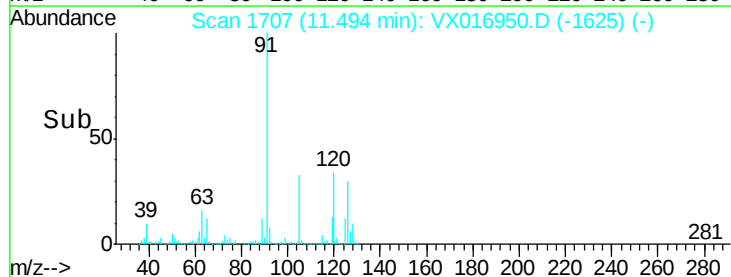
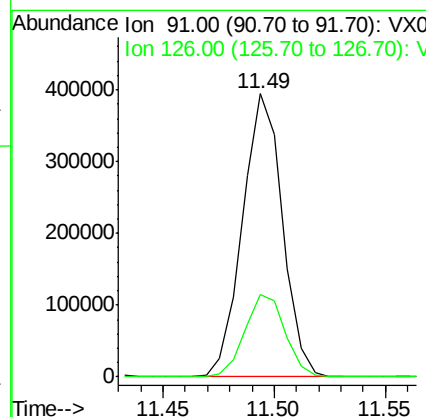
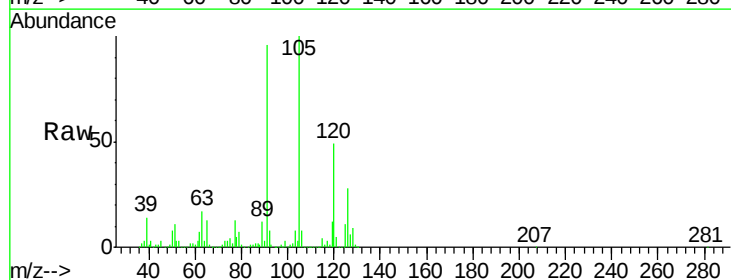
Manual Integrations  
APPROVED

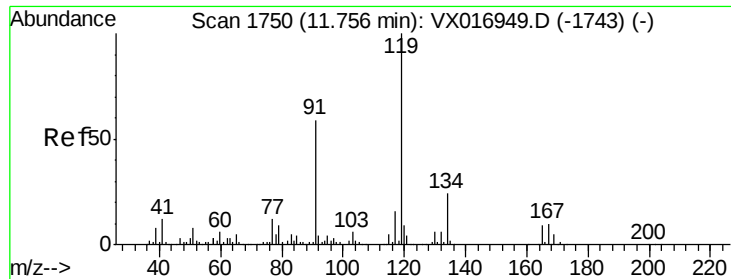
MMDadoda  
6/26/2020 3:33:48 PM



#78  
4-Chlorotoluene  
Concen: 50.681 ug/l  
RT: 11.49 min Scan# 1707  
Delta R.T. 0.00 min  
Lab File: VX016950.D  
Acq: 25 Jun 2020 13:27

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 91      | 100   |       |       |
| 126     | 29.3  | 0.0   | 60.6  |





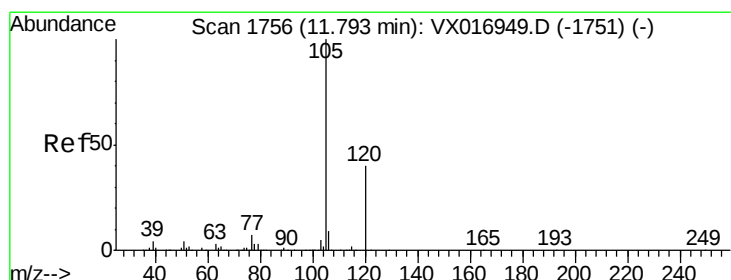
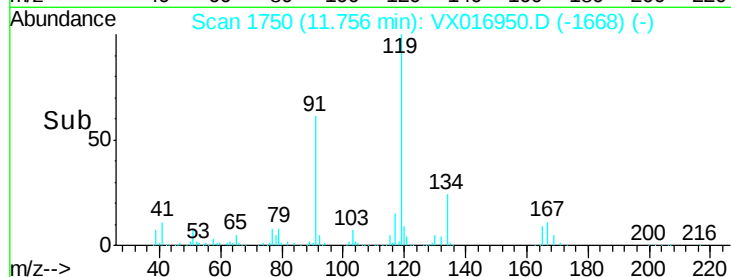
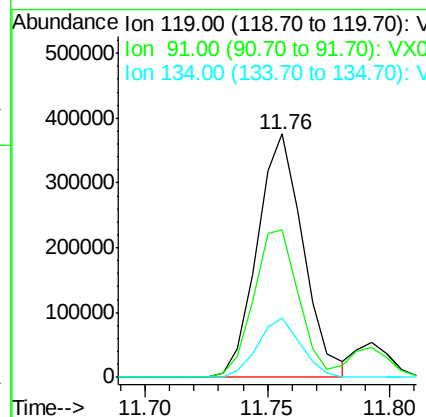
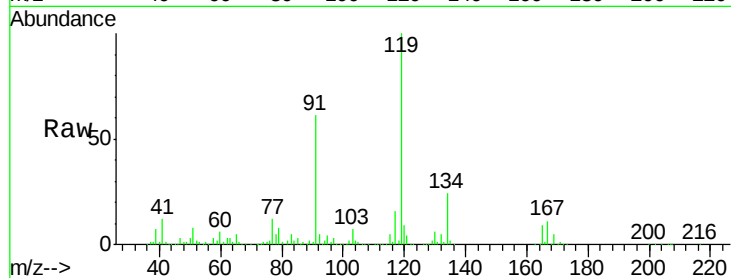
#79  
tert-butylbenzene  
Concen: 51.187 ug/l  
RT: 11.76 min Scan# 1750  
Delta R.T. 0.00 min  
Lab File: VX016950.D  
Acq: 25 Jun 2020 13:27

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC050

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 119     | 100   | 489996 |       |       |
| 91      | 59.5  |        | 0.0   | 115.2 |
| 134     | 23.1  |        | 0.0   | 45.8  |

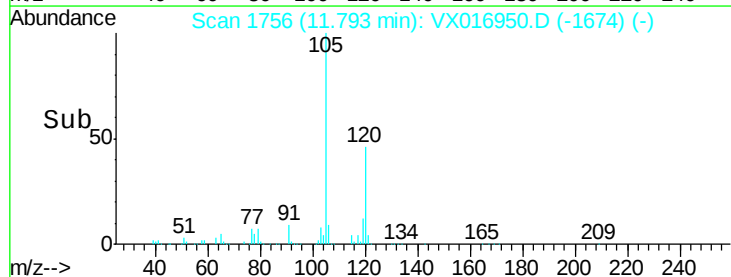
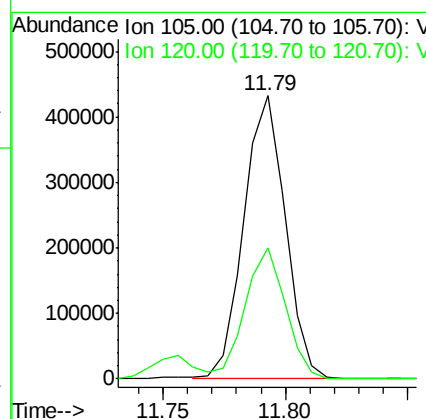
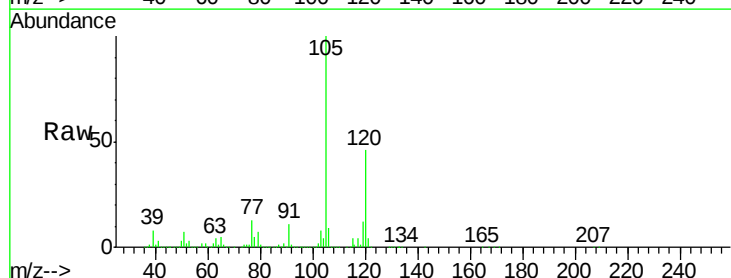
Manual Integrations  
APPROVED

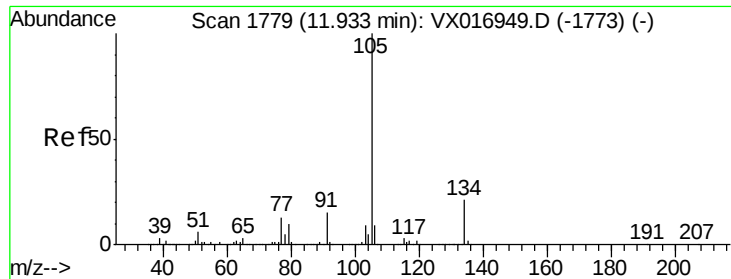
MMDadoda  
6/26/2020 3:33:48 PM



#80  
1,2,4-Trimethylbenzene  
Concen: 51.057 ug/l  
RT: 11.79 min Scan# 1756  
Delta R.T. 0.00 min  
Lab File: VX016950.D  
Acq: 25 Jun 2020 13:27

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 105     | 100   | 512210 |       |       |
| 120     | 44.8  |        | 0.0   | 89.8  |





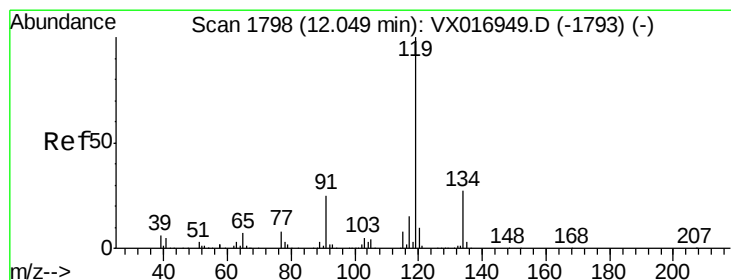
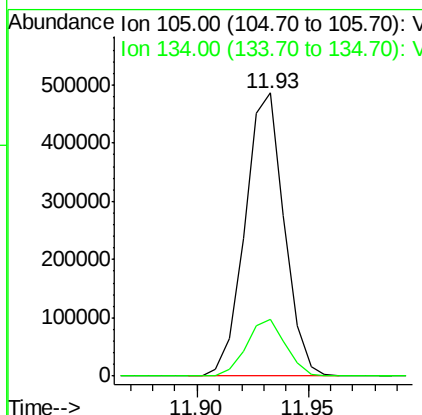
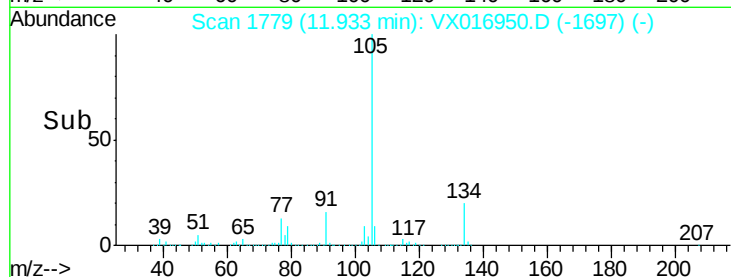
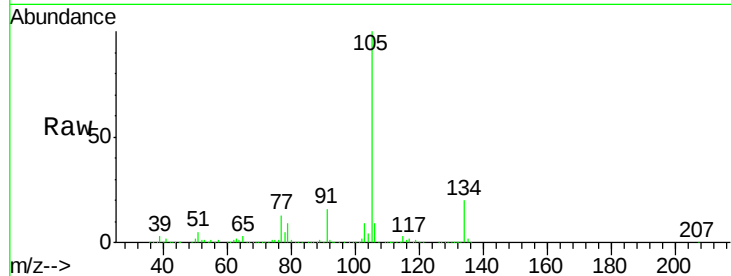
#81  
 sec-Butylbenzene  
 Concen: 51.407 ug/l  
 RT: 11.93 min Scan# 1779  
 Delta R.T. 0.00 min  
 Lab File: VX016950.D  
 Acq: 25 Jun 2020 13:27

Instrument :  
 MSVOA\_X  
 ClientSampled :  
 VSTDIC050

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 105     | 100   | 595812 |       |       |
| 134     | 20.2  | 0.0    | 41.2  |       |

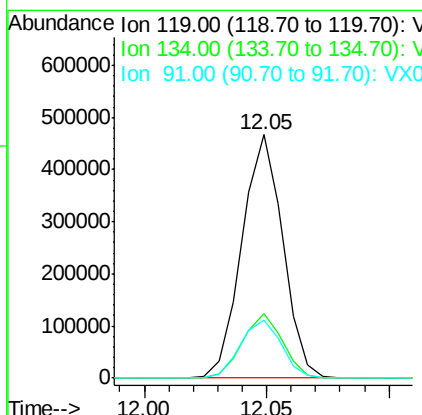
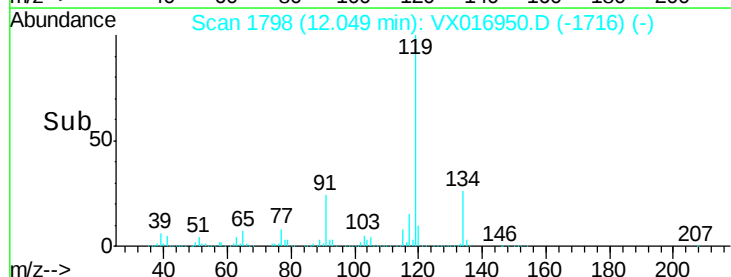
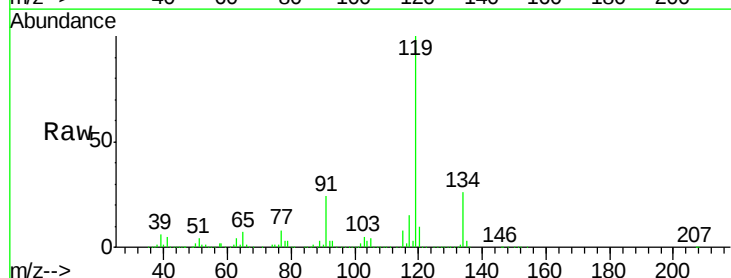
Manual Integrations  
 APPROVED

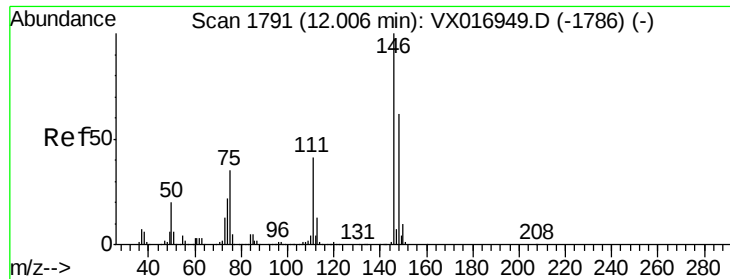
MMDadoda  
 6/26/2020 3:33:48 PM



#82  
 p-Isopropyltoluene  
 Concen: 51.750 ug/l  
 RT: 12.05 min Scan# 1798  
 Delta R.T. 0.00 min  
 Lab File: VX016950.D  
 Acq: 25 Jun 2020 13:27

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 119     | 100   | 541552 |       |       |
| 134     | 26.2  | 0.0    | 53.0  |       |
| 91      | 24.3  | 0.0    | 49.0  |       |





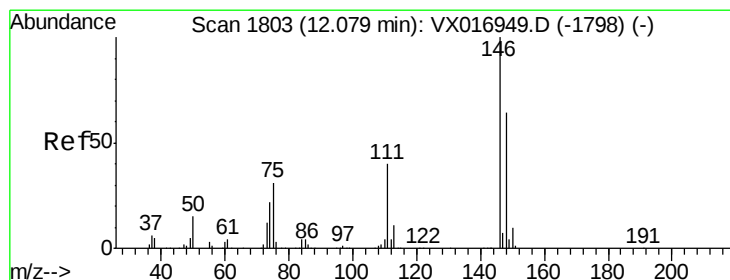
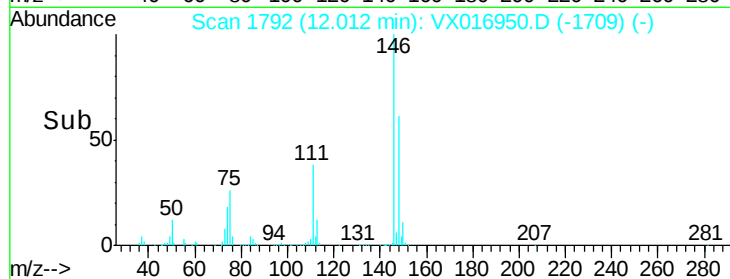
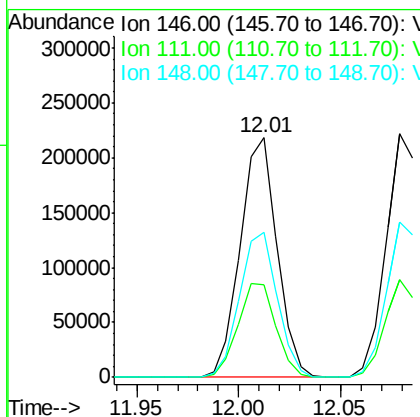
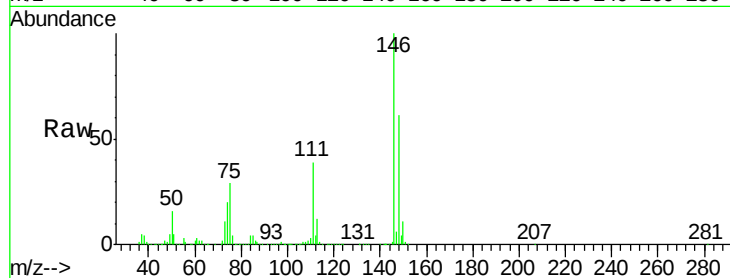
#83  
 1,3-Dichlorobenzene  
 Concen: 50.913 ug/l  
 RT: 12.01 min Scan# 1792  
 Delta R.T. 0.01 min  
 Lab File: VX016950.D  
 Acq: 25 Jun 2020 13:27

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDIC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 40.7  | 19.5  | 58.5  |
| 148     | 62.0  | 31.8  | 95.4  |

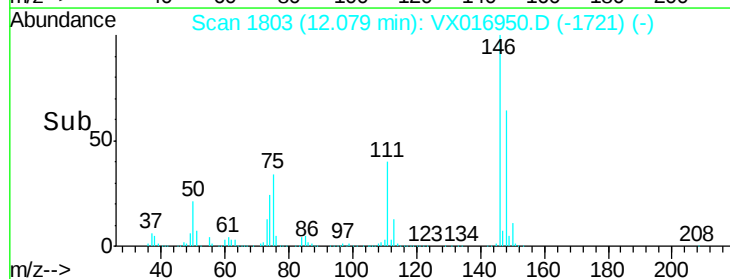
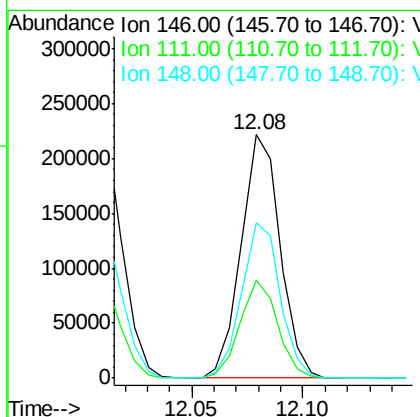
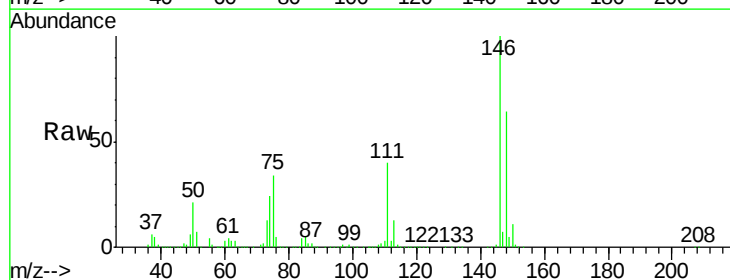
Manual Integrations  
 APPROVED

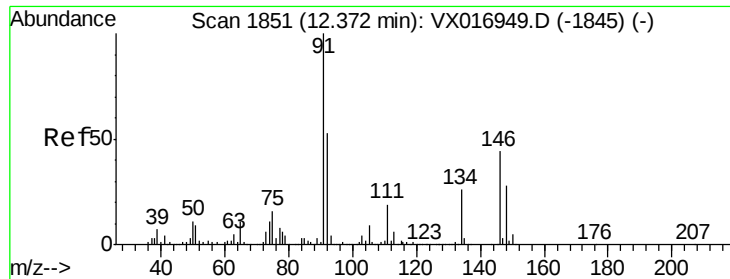
MMDadoda  
 6/26/2020 3:33:48 PM



#84  
 1,4-Dichlorobenzene  
 Concen: 50.277 ug/l  
 RT: 12.08 min Scan# 1803  
 Delta R.T. 0.00 min  
 Lab File: VX016950.D  
 Acq: 25 Jun 2020 13:27

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 38.8  | 19.4  | 58.2  |
| 148     | 63.3  | 32.1  | 96.3  |





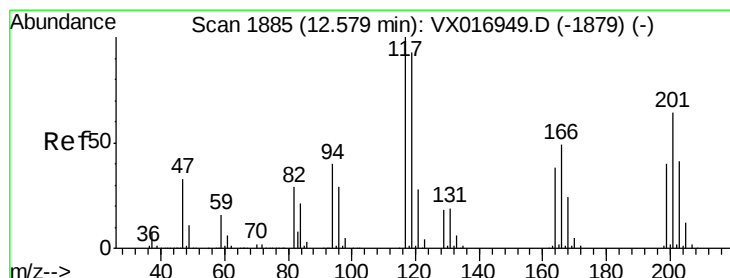
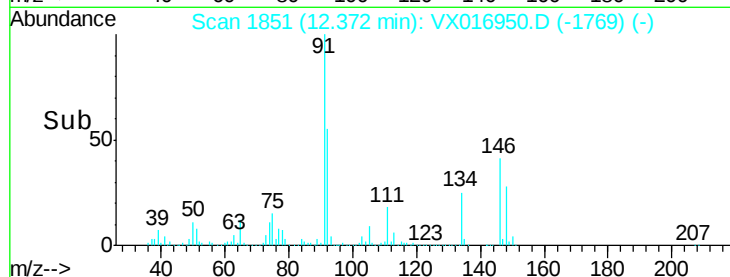
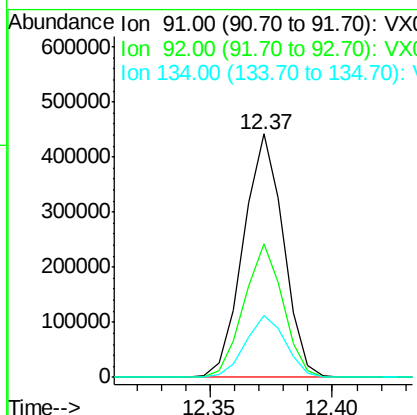
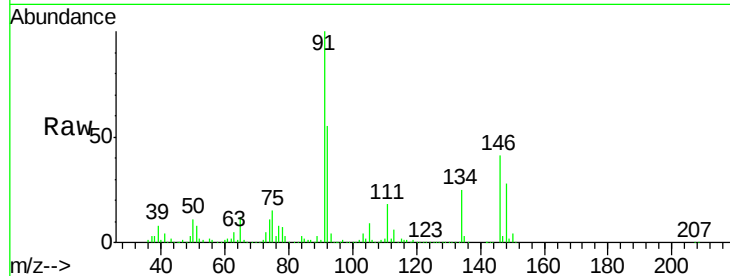
#85  
n-Butylbenzene  
Concen: 51.906 ug/l  
RT: 12.37 min Scan# 1851  
Delta R.T. 0.00 min  
Lab File: VX016950.D  
Acq: 25 Jun 2020 13:27

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC050

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 91      | 100   | 502784 |       |       |
| 92      | 53.4  | 0.0    | 105.8 |       |
| 134     | 25.6  | 0.0    | 52.2  |       |

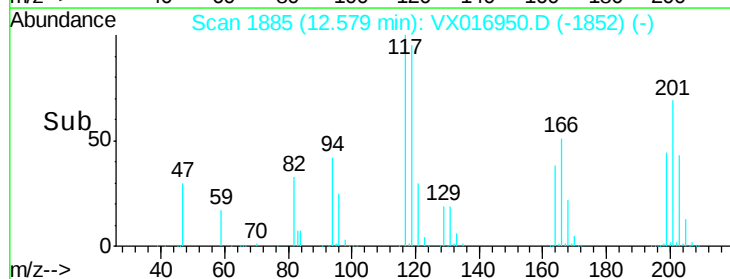
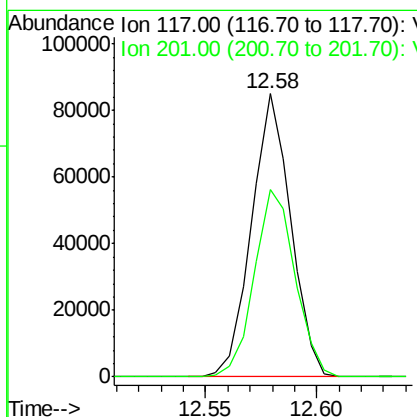
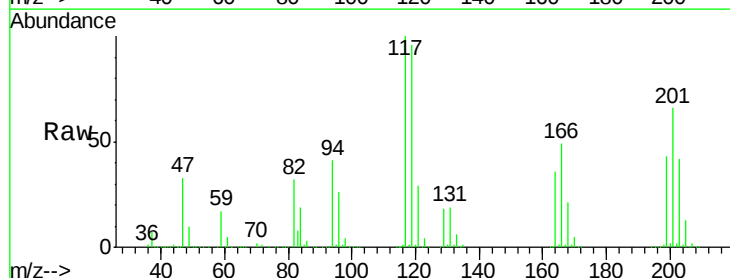
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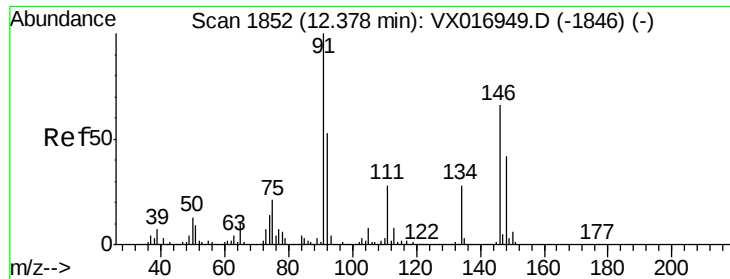
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#86  
Hexachloroethane  
Concen: 50.941 ug/l  
RT: 12.58 min Scan# 1885  
Delta R.T. 0.00 min  
Lab File: VX016950.D  
Acq: 25 Jun 2020 13:27

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 117     | 100   | 104327 |       |       |
| 201     | 68.7  | 34.6   | 103.9 |       |





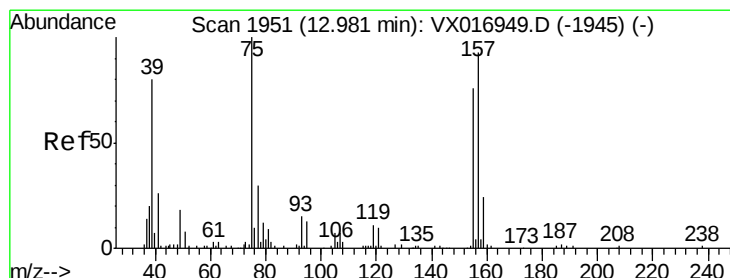
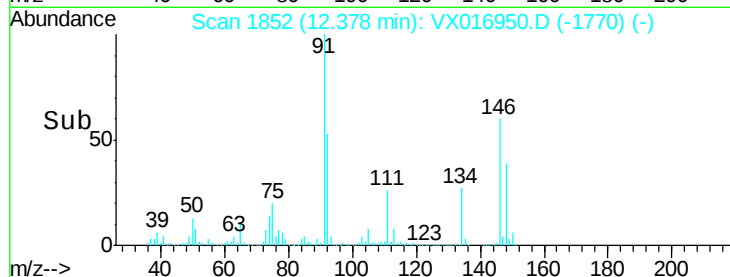
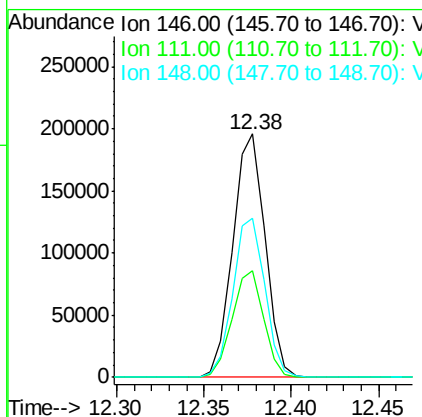
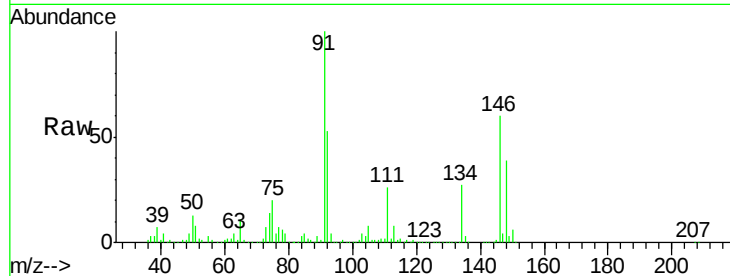
#87  
 1,2-Dichlorobenzene  
 Concen: 49.868 ug/l  
 RT: 12.38 min Scan# 1852  
 Delta R.T. 0.00 min  
 Lab File: VX016950.D  
 Acq: 25 Jun 2020 13:27

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDIC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 43.1  | 21.1  | 63.1  |
| 148     | 64.8  | 32.1  | 96.3  |

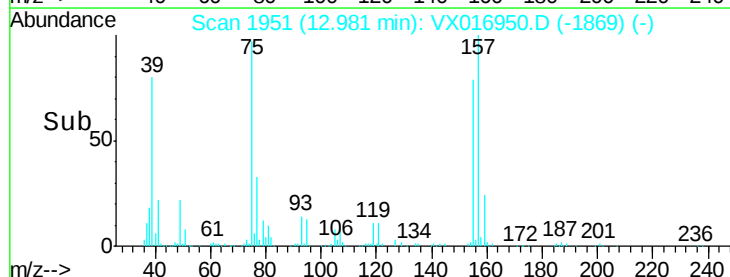
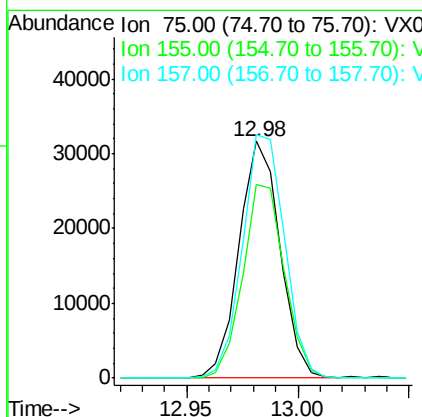
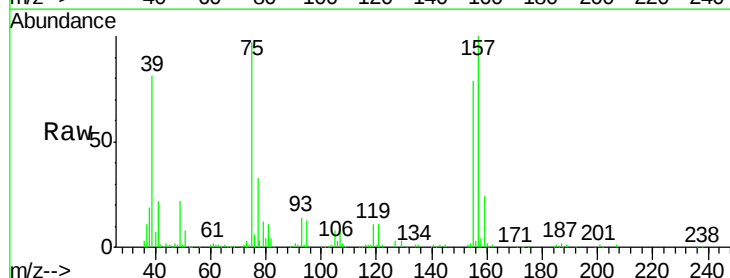
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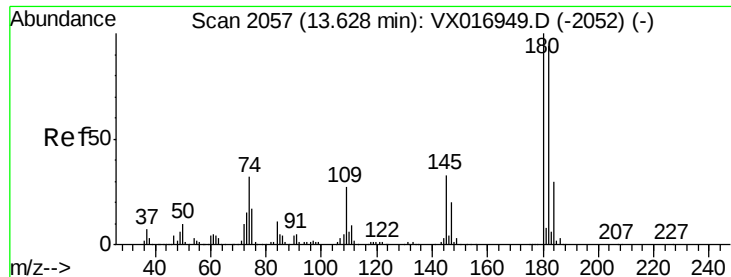
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#88  
 1,2-Dibromo-3-Chloropropane  
 Concen: 48.955 ug/l  
 RT: 12.98 min Scan# 1951  
 Delta R.T. 0.00 min  
 Lab File: VX016950.D  
 Acq: 25 Jun 2020 13:27

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 155     | 83.2  | 65.0  | 97.6  |
| 157     | 105.8 | 83.0  | 124.4 |





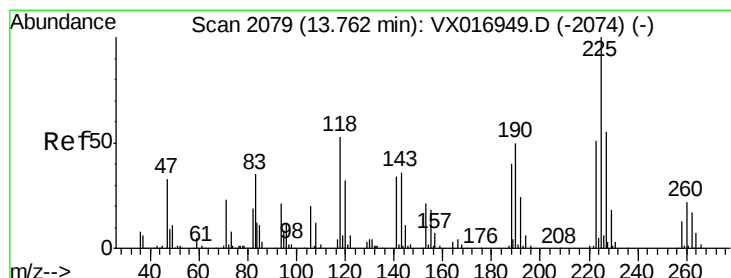
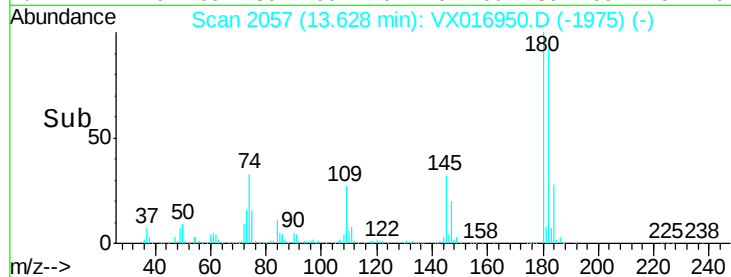
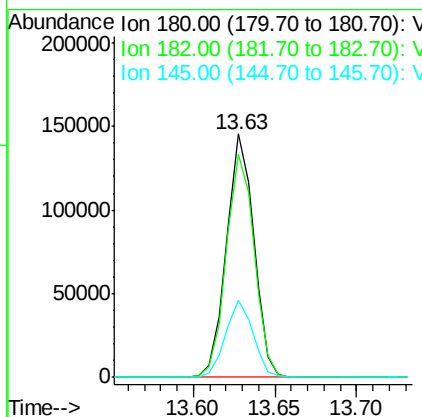
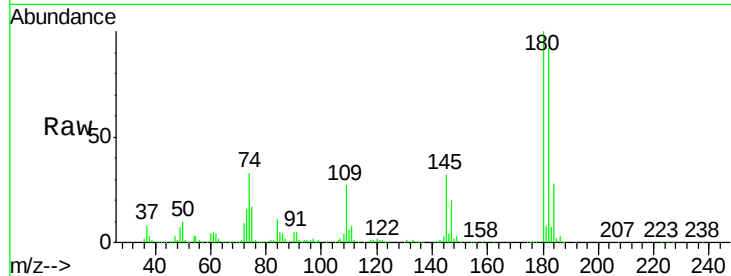
#89  
 1,2,4-Trichlorobenzene  
 Concen: 49.822 ug/l  
 RT: 13.63 min Scan# 2057  
 Delta R.T. 0.00 min  
 Lab File: VX016950.D  
 Acq: 25 Jun 2020 13:27

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDIC050

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 180     | 100   | 169397 |       |       |
| 182     | 93.6  | 77.7   | 116.5 |       |
| 145     | 31.6  | 26.2   | 39.2  |       |

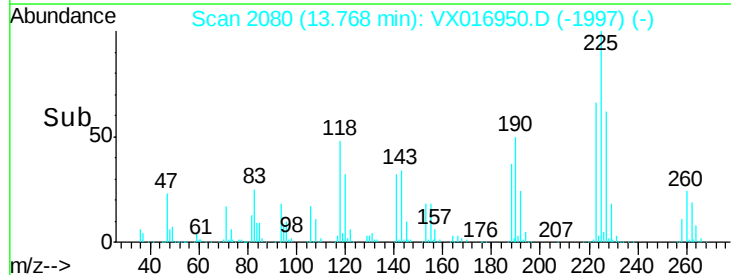
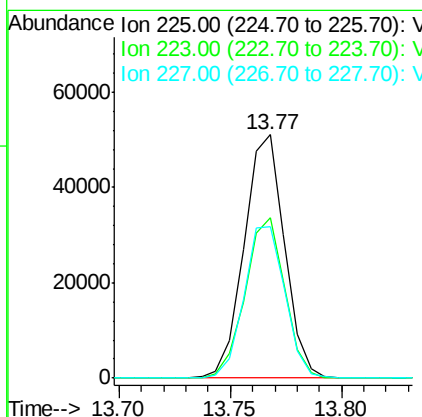
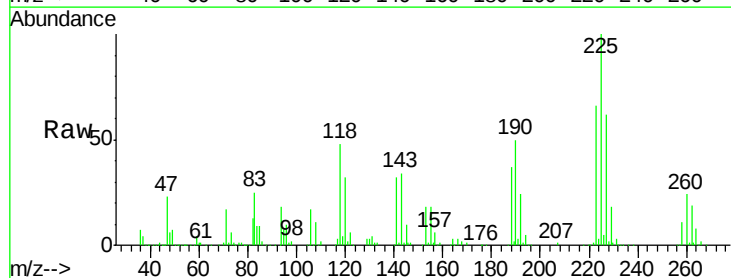
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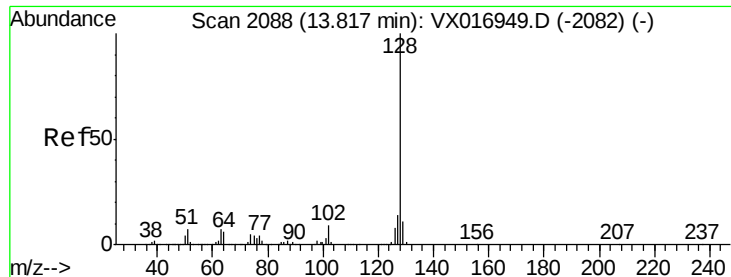
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#90  
 Hexachlorobutadiene  
 Concen: 49.942 ug/l  
 RT: 13.77 min Scan# 2080  
 Delta R.T. 0.01 min  
 Lab File: VX016950.D  
 Acq: 25 Jun 2020 13:27

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 225     | 100   | 64595 |       |       |
| 223     | 64.6  | 0.0   | 125.0 |       |
| 227     | 63.0  | 0.0   | 124.0 |       |





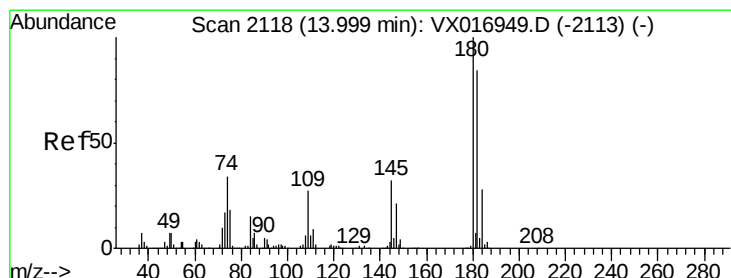
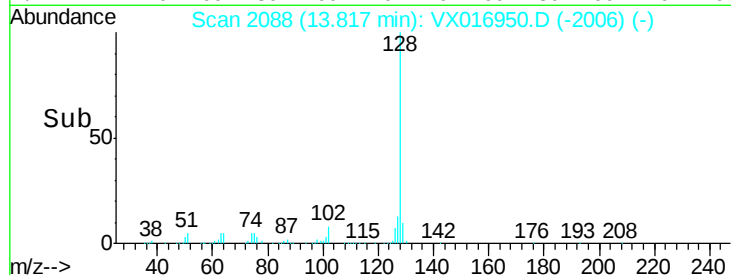
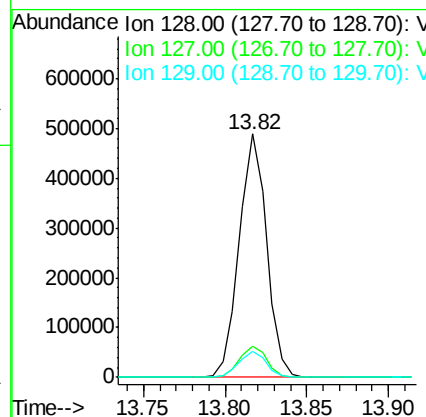
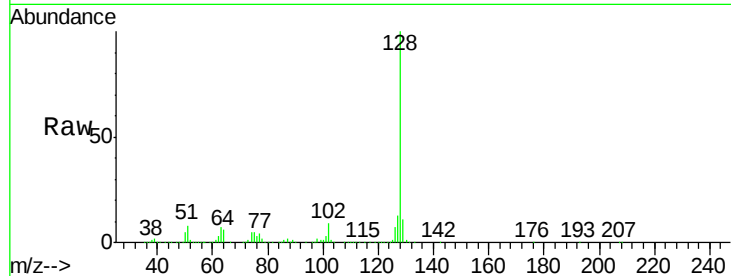
#91  
Naphthalene  
Concen: 51.439 ug/l  
RT: 13.82 min Scan# 2088  
Delta R.T. 0.00 min  
Lab File: VX016950.D  
Acq: 25 Jun 2020 13:27

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 128     | 100   |       |       |
| 127     | 13.0  | 10.5  | 15.7  |
| 129     | 10.6  | 9.0   | 13.4  |

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#92  
1,2,3-Trichlorobenzene  
Concen: 50.255 ug/l  
RT: 14.01 min Scan# 2119  
Delta R.T. 0.01 min  
Lab File: VX016950.D  
Acq: 25 Jun 2020 13:27

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 96.3  | 0.0   | 184.8 |
| 145     | 33.0  | 0.0   | 68.0  |

