

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX090220\  
 Data File : VX018218.D  
 Acq On : 02 Sep 2020 15:49  
 Operator : JC/SP  
 Sample : MDL06  
 Misc : 5.0mL/MSVOA X/WATER  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 MDL06

Quant Time: Sep 03 05:00:58 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\SOMXML090220WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Thu Sep 03 04:54:32 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 6.84  | 114  | 628837   | 50.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 10.10 | 117  | 591758   | 50.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 12.06 | 152  | 270604   | 50.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |         |       |          |          |      |         |
|--------------------------------|---------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.39    | 65    | 255333   | 50.32    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 135 | Recovery | =    | 100.64% |
| 7) Chloroethane-d5             | 1.70    | 69    | 198701   | 52.06    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 130 | Recovery | =    | 104.12% |
| 11) 1,1-Dichloroethene-d2      | 2.34    | 63    | 393072   | 40.31    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 80.62%  |
| 21) 2-Butanone-d5              | 4.54    | 46    | 359760   | 102.42   | ug/L | 0.00    |
| Spiked Amount                  | 100.000 | Range | 40 - 130 | Recovery | =    | 102.42% |
| 24) Chloroform-d               | 5.15    | 84    | 481967   | 52.13    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 104.26% |
| 26) 1,2-Dichloroethane-d4      | 6.03    | 65    | 355766   | 51.51    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 103.02% |
| 32) Benzene-d6                 | 6.05    | 84    | 956577   | 54.42    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 108.84% |
| 36) 1,2-Dichloropropane-d6     | 7.37    | 67    | 308899   | 55.89    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 120 | Recovery | =    | 111.78% |
| 41) Toluene-d8                 | 8.70    | 98    | 891847   | 52.30    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 104.60% |
| 43) trans-1,3-Dichloropropene- | 8.99    | 79    | 164009   | 53.20    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 106.40% |
| 47) 2-Hexanone-d5              | 9.43    | 63    | 258495   | 105.56   | ug/L | 0.00    |
| Spiked Amount                  | 100.000 | Range | 45 - 130 | Recovery | =    | 105.56% |
| 57) 1,1,2,2-Tetrachloroethane- | 11.23   | 84    | 388503   | 52.14    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 65 - 120 | Recovery | =    | 104.28% |
| 64) 1,2-Dichlorobenzene-d4     | 12.36   | 152   | 336373   | 57.22    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 114.44% |

## Target Compounds

|                                |      |     |       |              | Ovalue |
|--------------------------------|------|-----|-------|--------------|--------|
| 2) Dichlorodifluoromethane     | 1.18 | 85  | 11227 | 2.099 ug/L   | 100    |
| 3) Chloromethane               | 1.31 | 50  | 9940  | 2.028 ug/L   | 89     |
| 6) Bromomethane                | 1.64 | 94  | 6496  | 2.331 ug/L   | 97     |
| 8) Chloroethane                | 1.72 | 64  | 6686  | 2.334 ug/L   | 91     |
| 9) Trichlorofluoromethane      | 1.92 | 101 | 17008 | 2.103 ug/L   | 97     |
| 10) 1,1,2-Trichloro-1,2,2-trif | 2.37 | 101 | 13279 | 3.020 ug/L # | 77     |
| 12) 1,1-Dichloroethene         | 2.36 | 96  | 11801 | 2.852 ug/L # | 1      |
| 13) Acetone                    | 2.43 | 43  | 9713  | 4.851 ug/L   | 96     |
| 14) Carbon disulfide           | 2.56 | 76  | 29157 | 2.225 ug/L   | 99     |
| 15) Methyl Acetate             | 2.75 | 43  | 10869 | 2.209 ug/L   | 95     |
| 16) Methylene chloride         | 2.84 | 84  | 12083 | 2.576 ug/L   | 97     |
| 17) trans-1,2-Dichloroethene   | 3.14 | 96  | 9762  | 2.201 ug/L   | 96     |
| 18) Methyl tert-butyl Ether    | 3.17 | 73  | 27267 | 1.968 ug/L # | 93     |
| 19) 1,1-Dichloroethane         | 3.67 | 63  | 17742 | 2.134 ug/L   | 87     |
| 20) cis-1,2-Dichloroethene     | 4.57 | 96  | 10706 | 2.257 ug/L # | 87     |
| 23) Bromochloromethane         | 4.98 | 128 | 4275  | 1.611 ug/L # | 94     |
| 25) Chloroform                 | 5.18 | 83  | 42869 | 4.507 ug/L   | 97     |

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX090220\  
 Data File : VX018218.D  
 Acq On : 02 Sep 2020 15:49  
 Operator : JC/SP  
 Sample : MDL06  
 Misc : 5.0mL/MSVOA X/WATER  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 MDL06

Quant Time: Sep 03 05:00:58 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\SOMXML090220WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Thu Sep 03 04:54:32 2020  
 Response via : Initial Calibration

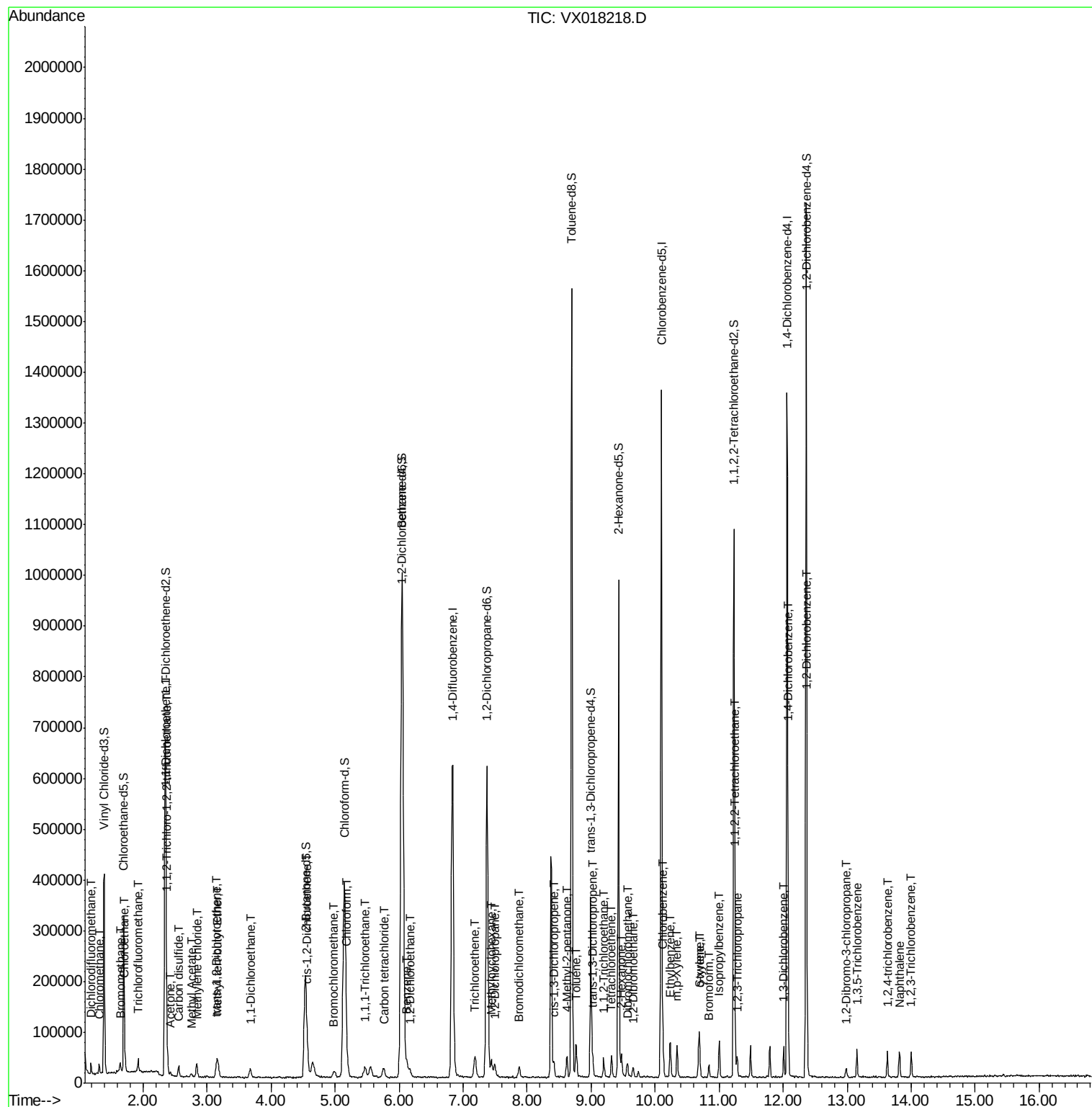
| Internal Standards             | R.T.  | QIon | Response | Conc  | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|-------|--------|----------|
| -----                          |       |      |          |       |        |          |
| 27) 1,2-Dichloroethane         | 6.17  | 62   | 16321    | 2.265 | ug/L   | 96       |
| 30) 1,1,1-Trichloroethane      | 5.46  | 97   | 17903    | 2.203 | ug/L   | 95       |
| 31) Carbon tetrachloride       | 5.76  | 117  | 15577    | 2.105 | ug/L   | 99       |
| 33) Benzene                    | 6.12  | 78   | 36471    | 2.130 | ug/L   | 100      |
| 34) Trichloroethene            | 7.19  | 95   | 10607    | 2.207 | ug/L   | 88       |
| 35) Methylcyclohexane          | 7.45  | 83   | 13698    | 2.050 | ug/L   | 99       |
| 37) 1,2-Dichloropropane        | 7.49  | 63   | 10708    | 2.362 | ug/L   | 100      |
| 38) Bromodichloromethane       | 7.88  | 83   | 14037    | 2.174 | ug/L   | 99       |
| 39) cis-1,3-Dichloropropene    | 8.42  | 75   | 14572    | 2.061 | ug/L   | 95       |
| 40) 4-Methyl-2-pentanone       | 8.62  | 43   | 24833    | 4.039 | ug/L   | 98       |
| 42) Toluene                    | 8.76  | 91   | 38593    | 2.100 | ug/L   | 96       |
| 44) trans-1,3-Dichloropropene  | 9.02  | 75   | 14925    | 2.007 | ug/L   | 96       |
| 45) 1,1,2-Trichloroethane      | 9.20  | 97   | 9942     | 2.184 | ug/L   | 94       |
| 46) Tetrachloroethene          | 9.32  | 164  | 8242     | 2.151 | ug/L   | 83       |
| 48) 2-Hexanone                 | 9.48  | 43   | 20165    | 4.058 | ug/L # | 94       |
| 49) Dibromochloromethane       | 9.57  | 129  | 11415    | 2.046 | ug/L   | 94       |
| 50) 1,2-Dibromoethane          | 9.65  | 107  | 11084    | 2.299 | ug/L # | 82       |
| 51) Chlorobenzene              | 10.12 | 112  | 25939    | 2.073 | ug/L   | 90       |
| 52) Ethylbenzene               | 10.23 | 91   | 38858    | 1.897 | ug/L   | 95       |
| 53) m,p-Xylene                 | 10.34 | 106  | 13931    | 1.780 | ug/L   | 97       |
| 54) o-xylene                   | 10.68 | 106  | 14119    | 1.890 | ug/L   | 89       |
| 55) Styrene                    | 10.70 | 104  | 23198    | 1.798 | ug/L   | 94       |
| 56) Isopropylbenzene           | 11.00 | 105  | 35388    | 1.771 | ug/L   | 98       |
| 58) 1,1,2,2-Tetrachloroethane  | 11.25 | 83   | 15337    | 2.295 | ug/L # | 95       |
| 59) 1,2,3-Trichloropropane     | 11.28 | 75   | 12627    | 2.180 | ug/L   | 99       |
| 61) Bromoform                  | 10.84 | 173  | 8410     | 2.192 | ug/L   | 97       |
| 62) 1,3-Dichlorobenzene        | 12.01 | 146  | 18258    | 2.054 | ug/L   | 95       |
| 63) 1,4-Dichlorobenzene        | 12.08 | 146  | 19220    | 2.124 | ug/L   | 88       |
| 65) 1,2-Dichlorobenzene        | 12.38 | 146  | 19103    | 2.231 | ug/L   | 97       |
| 66) 1,2-Dibromo-3-chloropropan | 12.99 | 75   | 4102     | 2.562 | ug/L   | 86       |
| 67) 1,3,5-Trichlorobenzene     | 13.15 | 180  | 11530    | 1.988 | ug/L   | 93       |
| 68) 1,2,4-trichlorobenzene     | 13.63 | 180  | 11402    | 2.131 | ug/L   | 98       |
| 69) Naphthalene                | 13.82 | 128  | 30249    | 1.788 | ug/L   | 98       |
| 70) 1,2,3-Trichlorobenzene     | 14.00 | 180  | 10946    | 2.045 | ug/L   | 99       |
| -----                          |       |      |          |       |        |          |

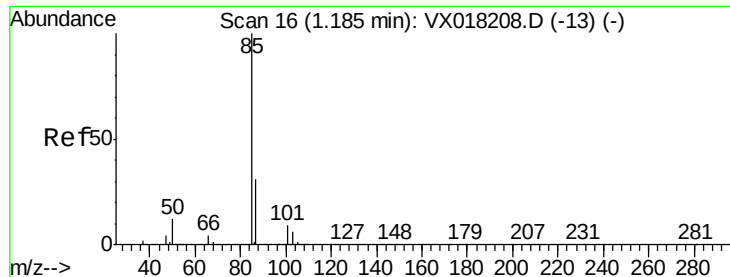
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX090220\  
Data File : VX018218.D  
Acq On : 02 Sep 2020 15:49  
Operator : JC/SP  
Sample : MDL06  
Misc : 5.0mL/MSVOA X/WATER  
ALS Vial : 15 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
MDL06

Quant Time: Sep 03 05:00:58 2020  
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_X\METHOD\SOMXLM090220WMA.M  
Quant Title : VOC Analysis  
QLast Update : Thu Sep 03 04:54:32 2020  
Response via : Initial Calibration





#2

Dichlorodifluoromethane

Concen: 2.099 ug/L

RT: 1.18 min Scan# 16

Delta R.T. 0.00 min

Lab File: VX018218.D

Acq: 02 Sep 2020 15:49

Instrument :

MSVOA\_X

ClientSampleId :

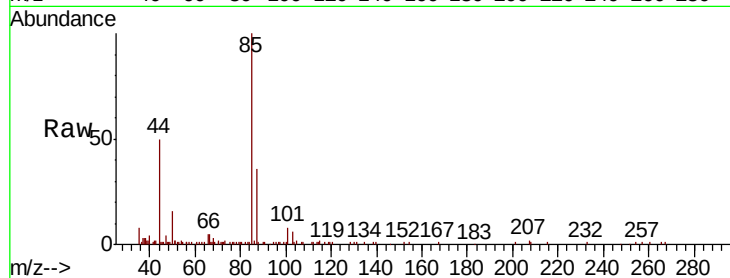
MDL06

Tot Ion: 85 Resp: 11227

Ion Ratio Lower Upper

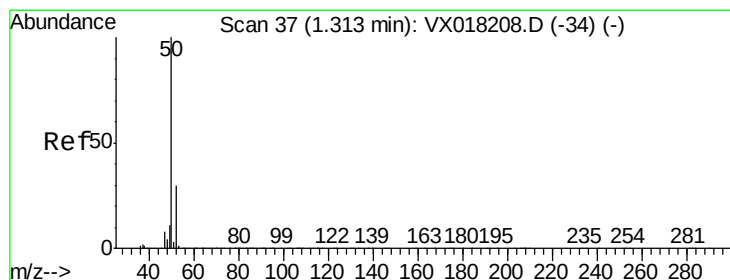
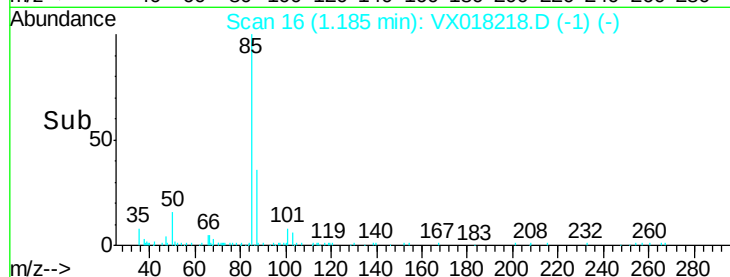
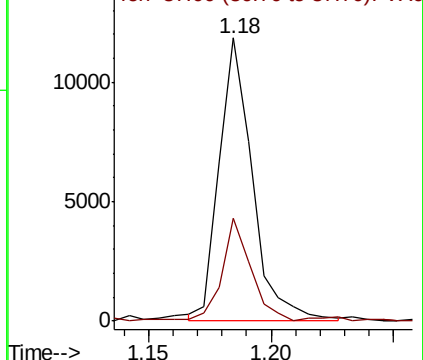
85 100

87 31.3 25.2 37.8



Abundance Ion 85.00 (84.70 to 85.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#3

Chloromethane

Concen: 2.028 ug/L

RT: 1.31 min Scan# 37

Delta R.T. 0.00 min

Lab File: VX018218.D

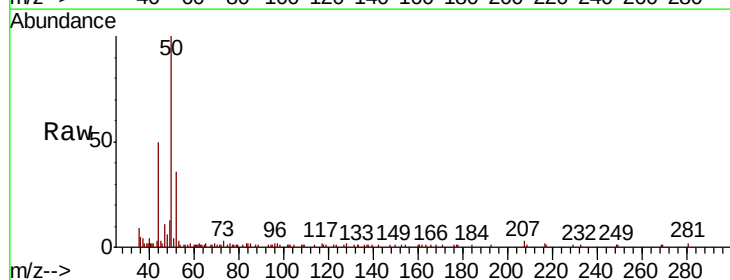
Acq: 02 Sep 2020 15:49

Tgt Ion: 50 Resp: 9940

Ion Ratio Lower Upper

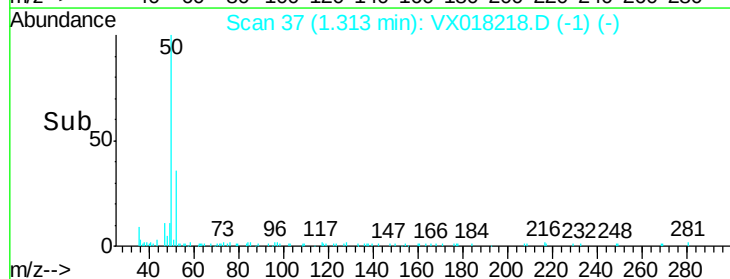
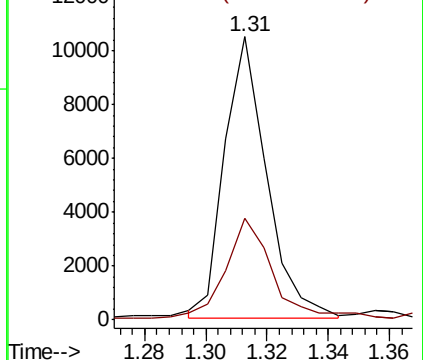
50 100

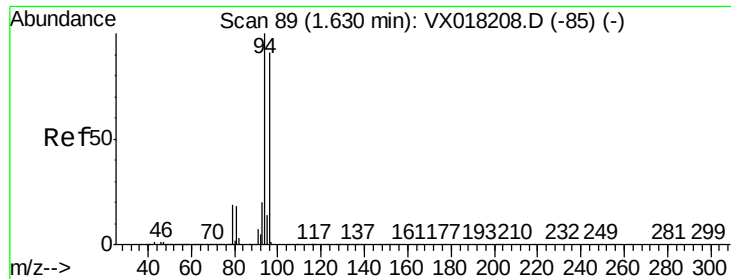
52 36.0 21.0 39.0



Abundance Ion 50.00 (49.70 to 50.70): VX0

Ion 52.00 (51.70 to 52.70): VX0





#6

Bromomethane

Concen: 2.331 ug/L

RT: 1.64 min Scan# 91

Delta R.T. 0.01 min

Lab File: VX018218.D

Acq: 02 Sep 2020 15:49

Instrument :

MSVOA\_X

ClientSampleId :

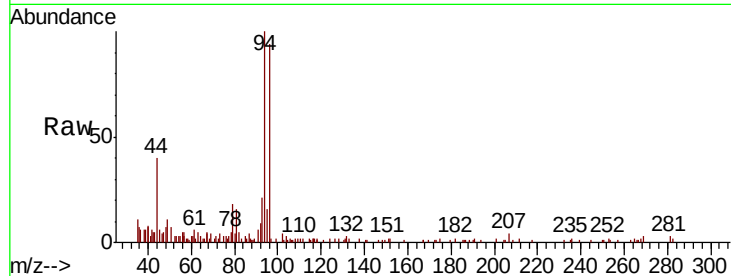
MDL06

Tot Ion: 94 Resp: 6496

Ion Ratio Lower Upper

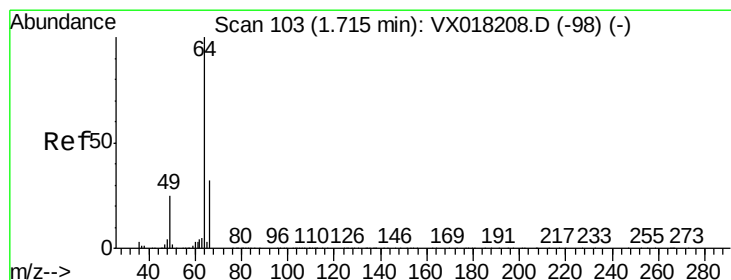
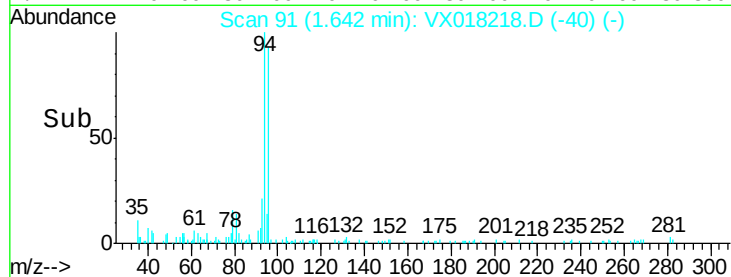
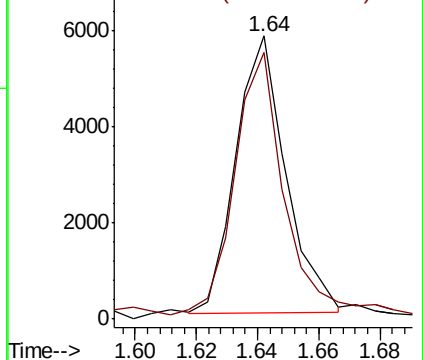
94 100

96 94.1 63.9 118.7



Abundance Ion 94.00 (93.70 to 94.70): VX0

Ion 96.00 (95.70 to 96.70): VX0



#8

Chloroethane

Concen: 2.334 ug/L

RT: 1.72 min Scan# 103

Delta R.T. 0.00 min

Lab File: VX018218.D

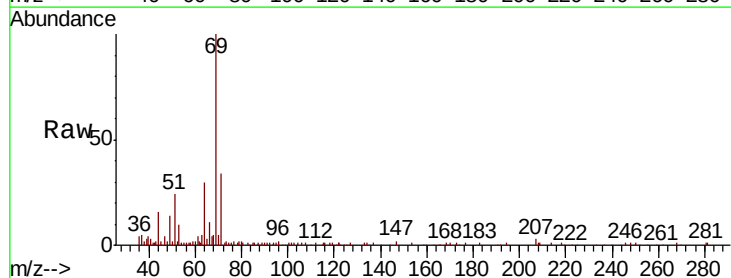
Acq: 02 Sep 2020 15:49

Tgt Ion: 64 Resp: 6686

Ion Ratio Lower Upper

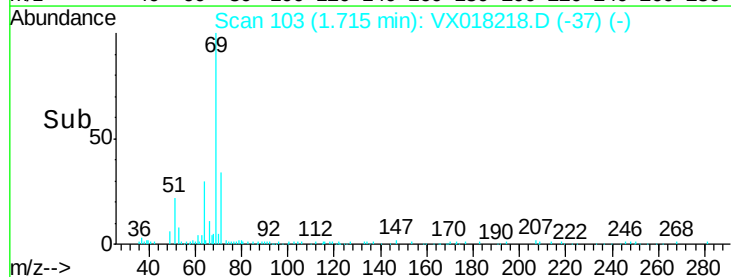
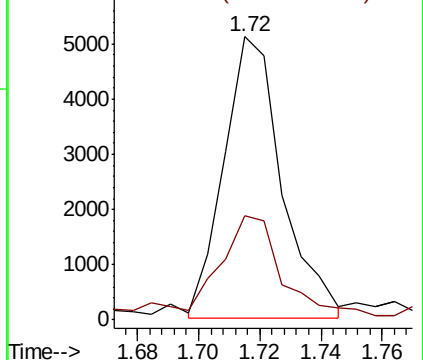
64 100

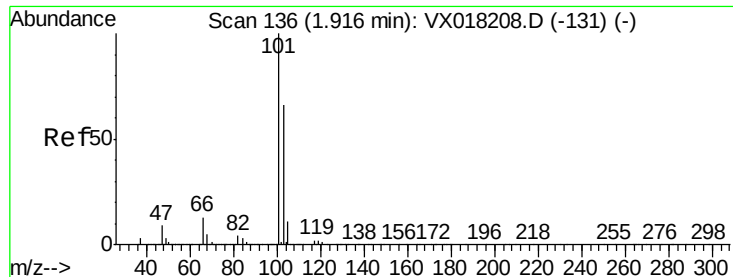
66 36.9 22.5 41.7



Abundance Ion 64.00 (63.70 to 64.70): VX0

Ion 66.00 (65.70 to 66.70): VX0



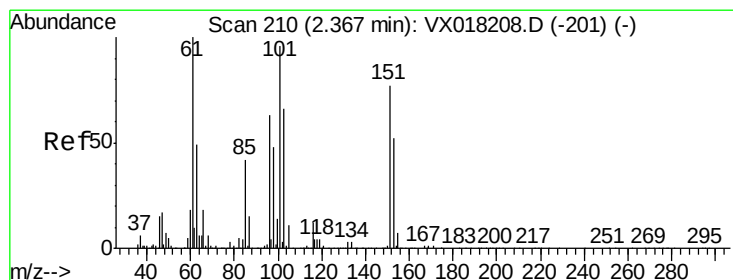
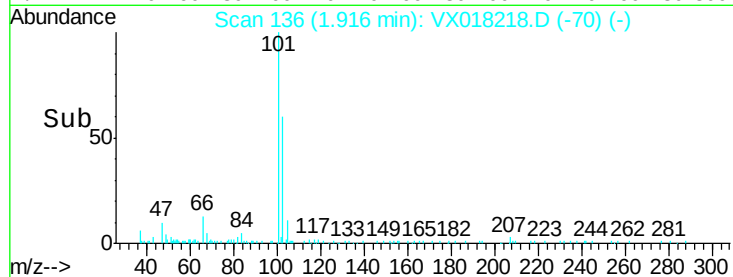
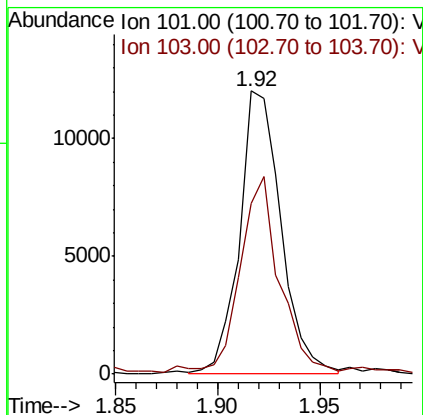
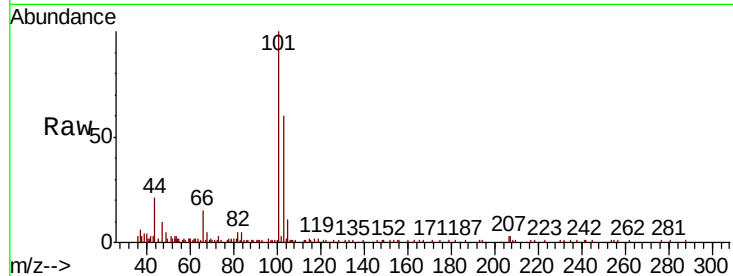


#9

Trichlorofluoromethane  
 Concen: 2.103 ug/L  
 RT: 1.92 min Scan# 136  
 Delta R.T. 0.00 min  
 Lab File: VX018218.D  
 Acq: 02 Sep 2020 15:49

Instrument :  
 MSVOA\_X  
 ClientSampled :  
 MDL06

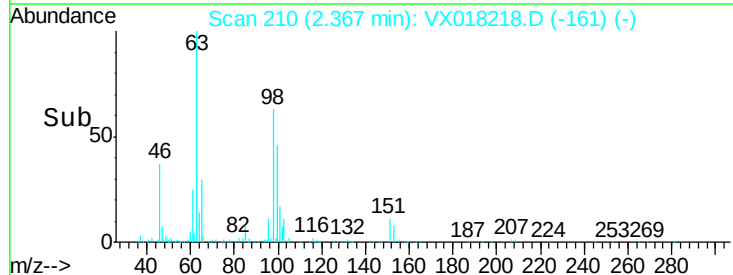
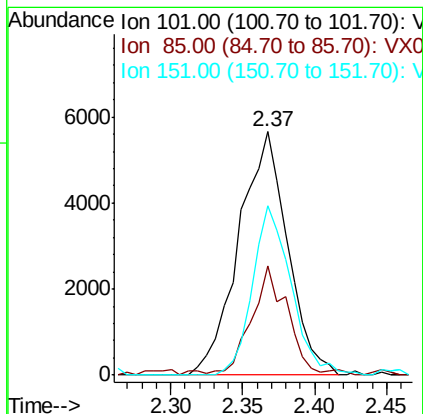
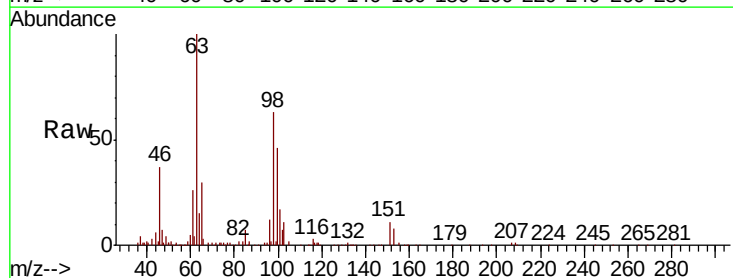
Tot Ion:101 Resp: 17008  
 Ion Ratio Lower Upper  
 101 100  
 103 66.7 51.4 77.2

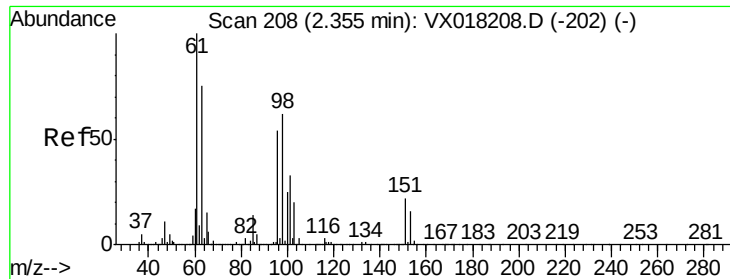


#10

1,1,2-Trichloro-1,2,2-trifluoroethane  
 Concen: 3.020 ug/L  
 RT: 2.37 min Scan# 210  
 Delta R.T. 0.00 min  
 Lab File: VX018218.D  
 Acq: 02 Sep 2020 15:49

Tgt Ion:101 Resp: 13279  
 Ion Ratio Lower Upper  
 101 100  
 85 32.2 35.8 53.6#  
 151 55.1 61.6 92.4#

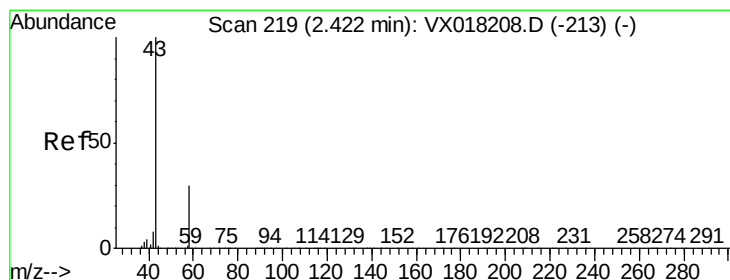
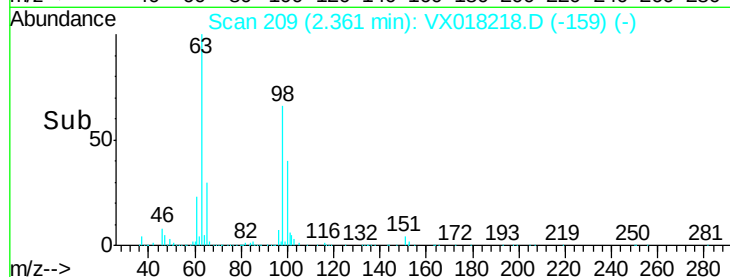
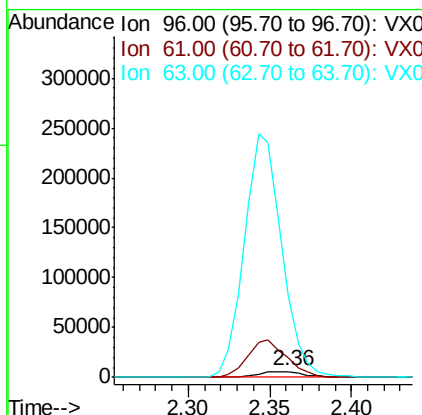
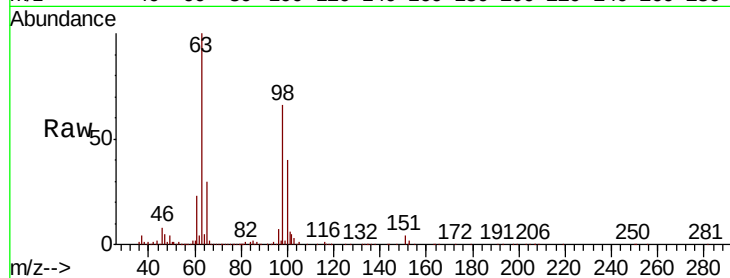




#12  
 1,1-Dichloroethene  
 Concen: 2.852 ug/L  
 RT: 2.36 min Scan# 209  
 Delta R.T. 0.01 min  
 Lab File: VX018218.D  
 Acq: 02 Sep 2020 15:49

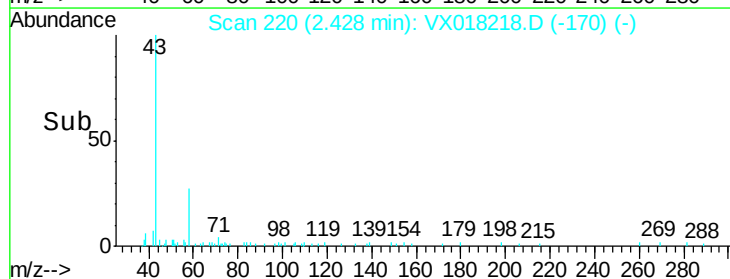
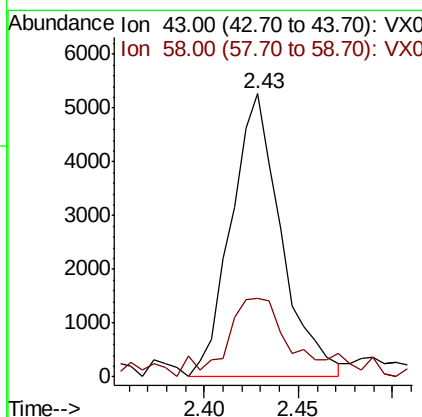
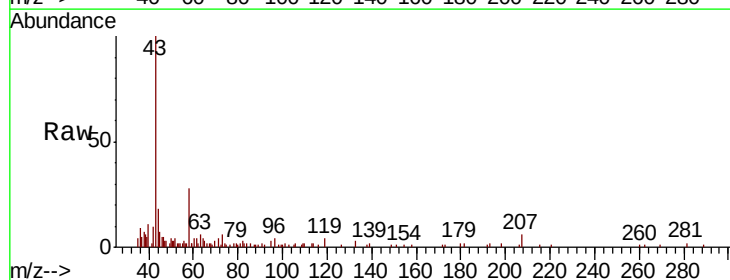
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 MDL06

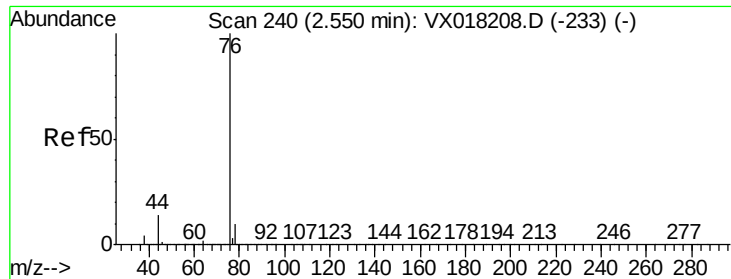
Tot Ion: 96 Resp: 11801  
 Ion Ratio Lower Upper  
 96 100  
 61 322.0 130.5 242.5#  
 63 1378.6 103.0 191.2#



#13  
 Acetone  
 Concen: 4.851 ug/L  
 RT: 2.43 min Scan# 220  
 Delta R.T. 0.01 min  
 Lab File: VX018218.D  
 Acq: 02 Sep 2020 15:49

Tgt Ion: 43 Resp: 9713  
 Ion Ratio Lower Upper  
 43 100  
 58 27.6 0.0 59.2





#14

Carbon disulfide

Concen: 2.225 ug/L

RT: 2.56 min Scan# 241

Delta R.T. 0.01 min

Lab File: VX018218.D

Acq: 02 Sep 2020 15:49

Instrument :

MSVOA\_X

ClientSampleId :

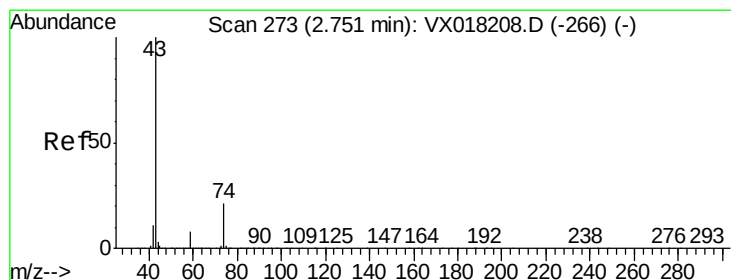
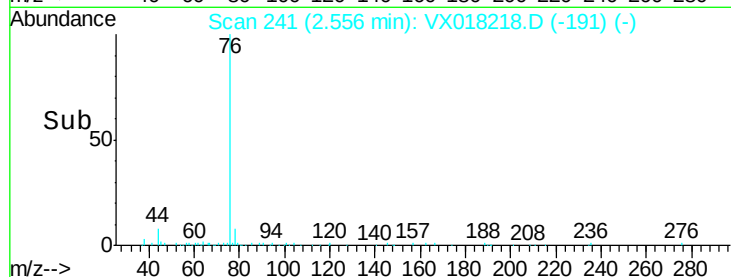
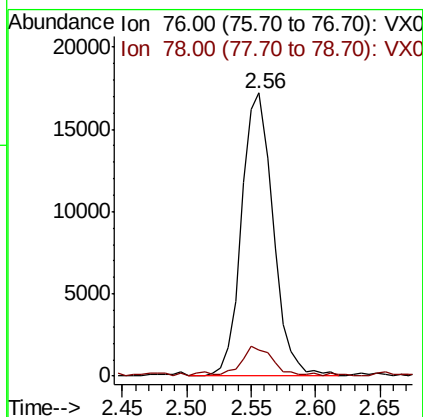
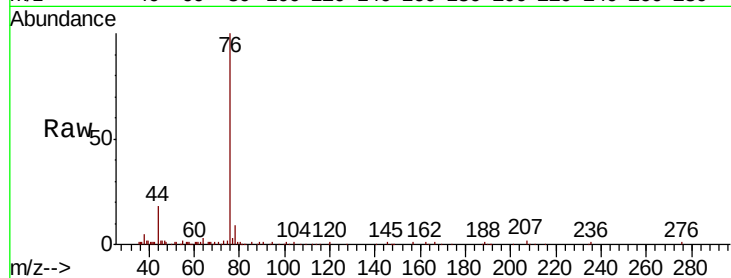
MDL06

Tot Ion: 76 Resp: 29157

Ion Ratio Lower Upper

76 100

78 9.4 7.7 11.5



#15

Methyl Acetate

Concen: 2.209 ug/L

RT: 2.75 min Scan# 273

Delta R.T. 0.00 min

Lab File: VX018218.D

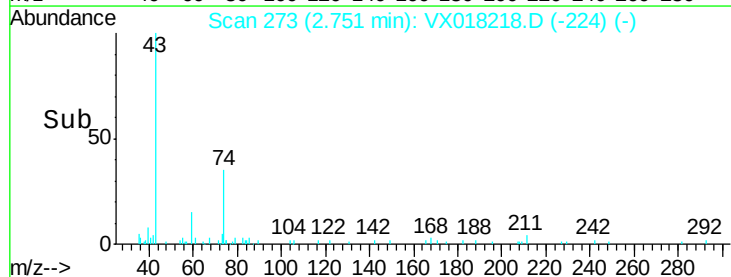
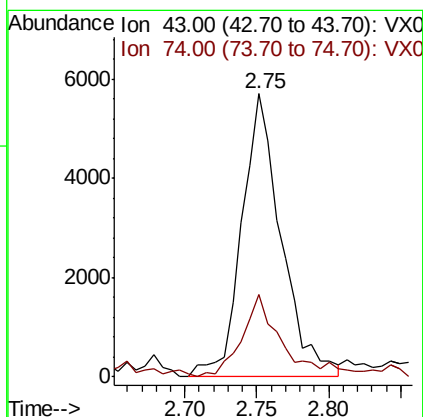
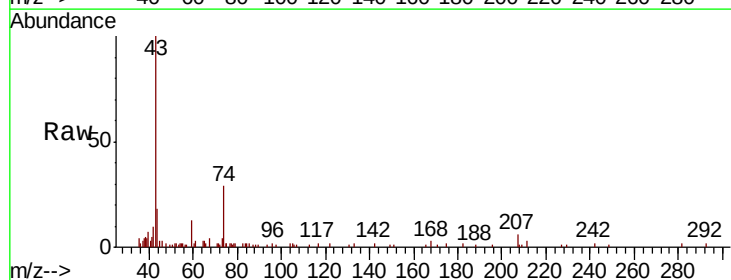
Acq: 02 Sep 2020 15:49

Tgt Ion: 43 Resp: 10869

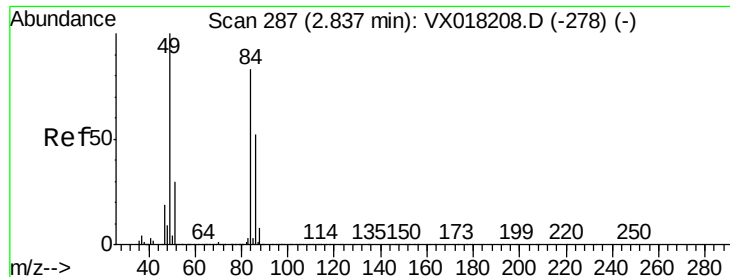
Ion Ratio Lower Upper

43 100

74 24.8 17.8 26.8



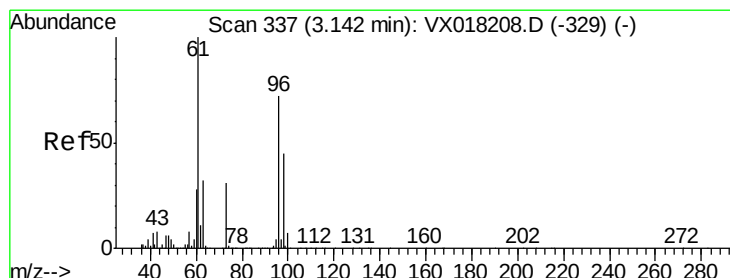
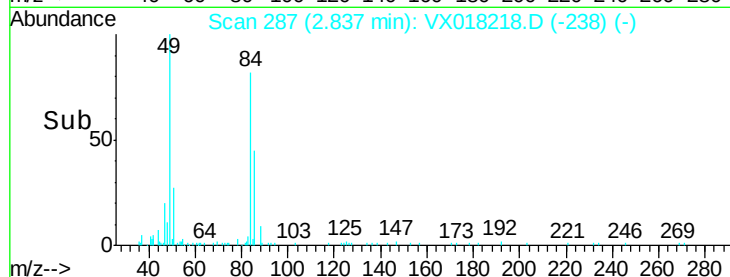
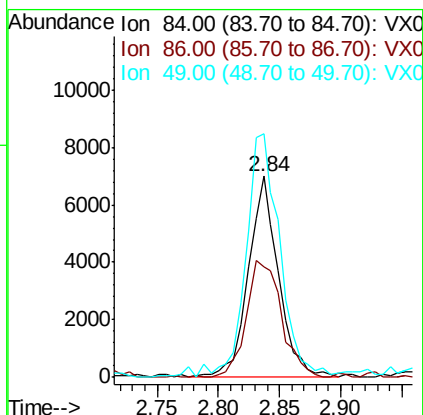
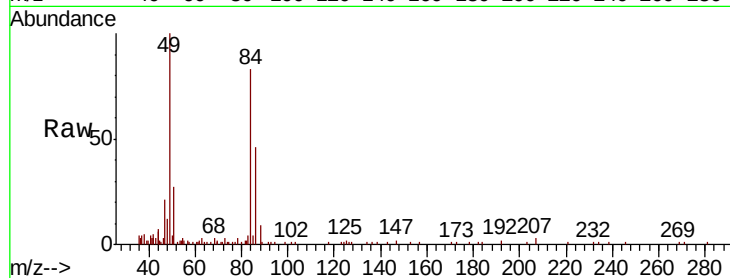




#16  
Methylene chloride  
Concen: 2.576 ug/L  
RT: 2.84 min Scan# 287  
Delta R.T. 0.00 min  
Lab File: VX018218.D  
Acq: 02 Sep 2020 15:49

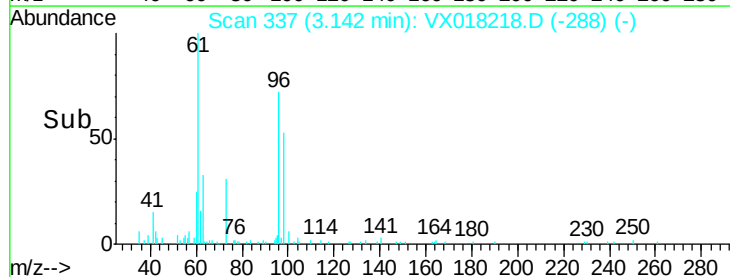
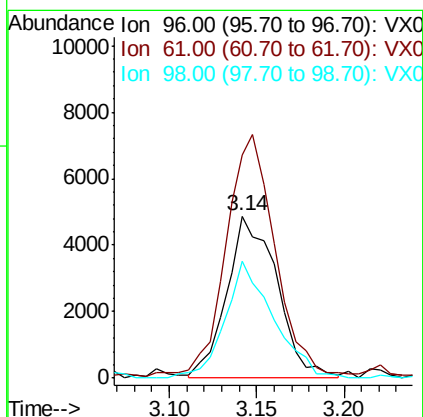
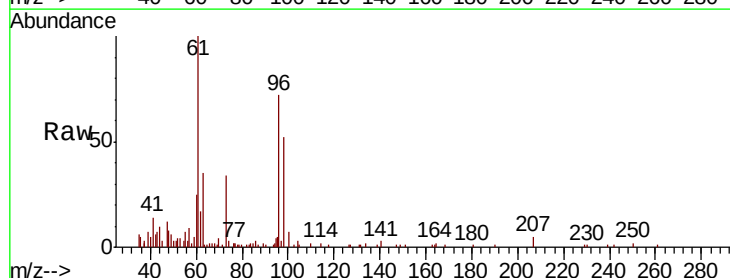
Instrument :  
MSVOA\_X  
ClientSampled :  
MDL06

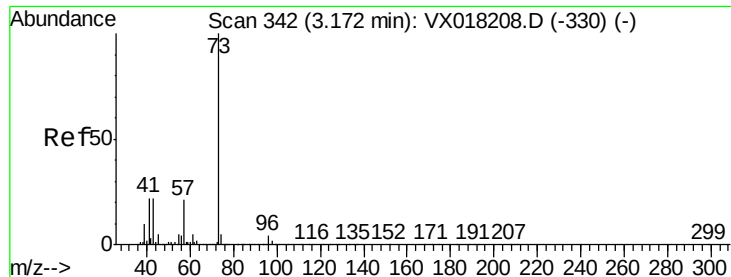
Tot Ion: 84 Resp: 12083  
Ion Ratio Lower Upper  
84 100  
86 55.2 43.6 81.0  
49 121.2 84.5 156.9



#17  
trans-1,2-Dichloroethene  
Concen: 2.201 ug/L  
RT: 3.14 min Scan# 337  
Delta R.T. 0.00 min  
Lab File: VX018218.D  
Acq: 02 Sep 2020 15:49

Tgt Ion: 96 Resp: 9762  
Ion Ratio Lower Upper  
96 100  
61 138.0 97.1 180.3  
98 71.9 43.9 81.5

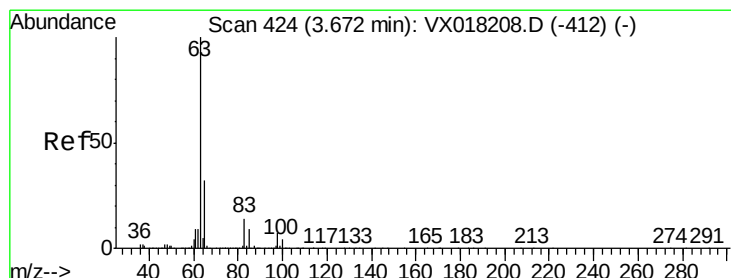
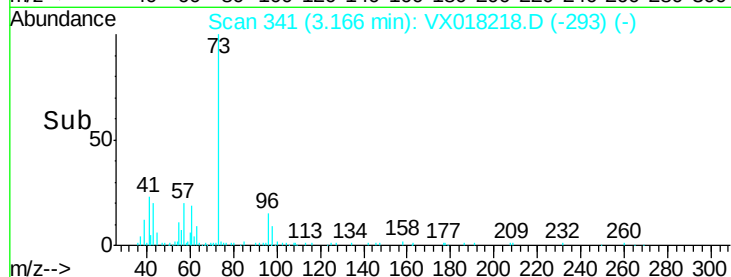
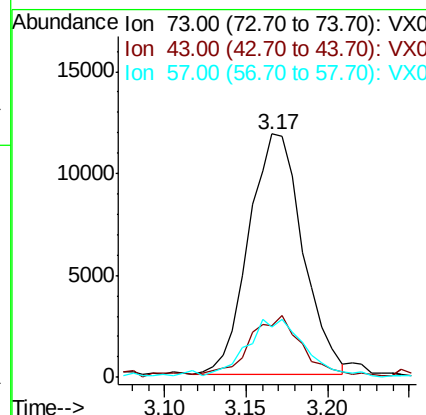
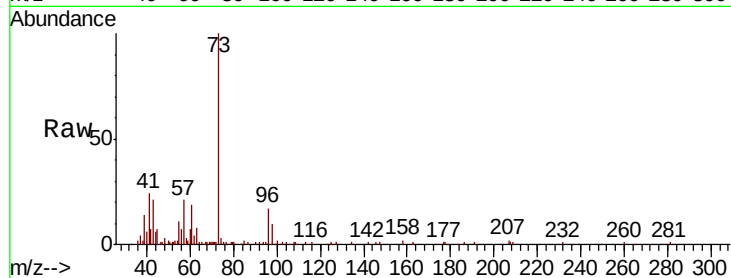




#18  
Methyl tert-butyl Ether  
Concen: 1.968 ug/L  
RT: 3.17 min Scan# 341  
Delta R.T. -0.01 min  
Lab File: VX018218.D  
Acq: 02 Sep 2020 15:49

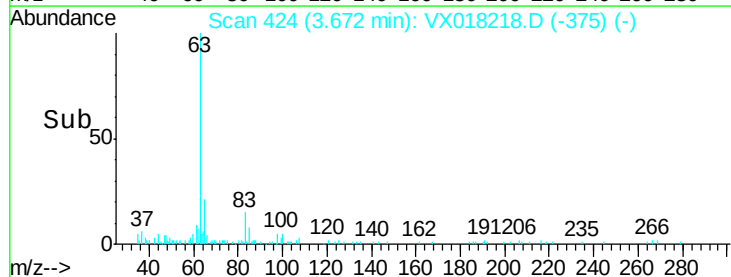
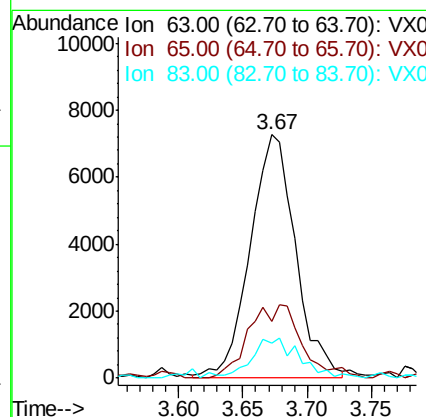
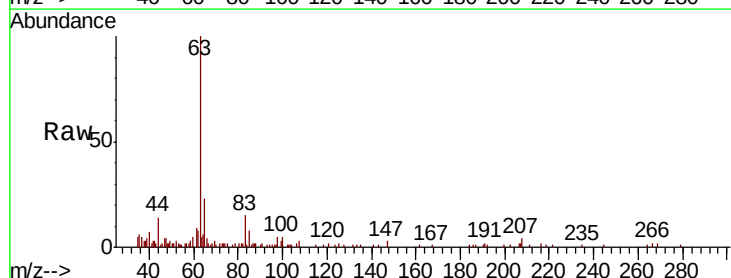
Instrument :  
MSVOA\_X  
ClientSampled :  
MDL06

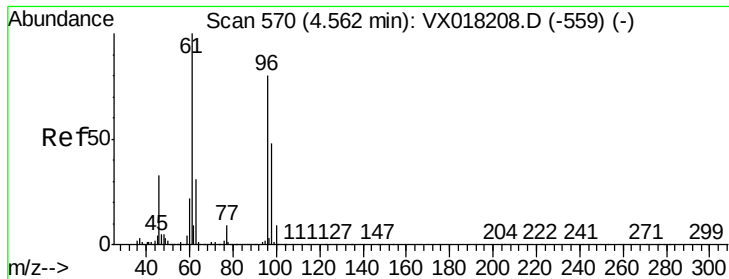
Tot Ion: 73 Resp: 27267  
Ion Ratio Lower Upper  
73 100  
43 23.7 17.4 26.2  
57 25.9 17.1 25.7#



#19  
1,1-Dichloroethane  
Concen: 2.134 ug/L  
RT: 3.67 min Scan# 424  
Delta R.T. 0.00 min  
Lab File: VX018218.D  
Acq: 02 Sep 2020 15:49

Tgt Ion: 63 Resp: 17742  
Ion Ratio Lower Upper  
63 100  
65 23.1 22.7 42.3  
83 16.0 9.7 18.1



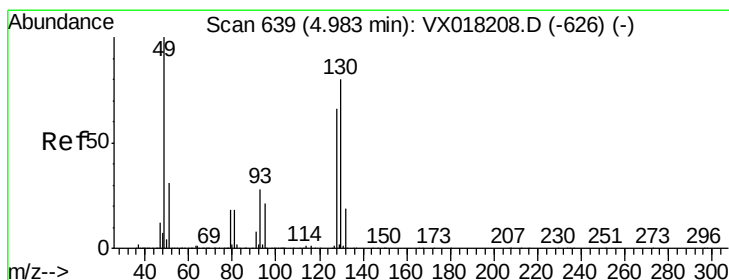
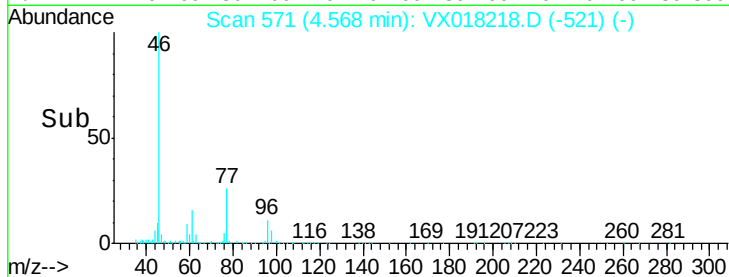
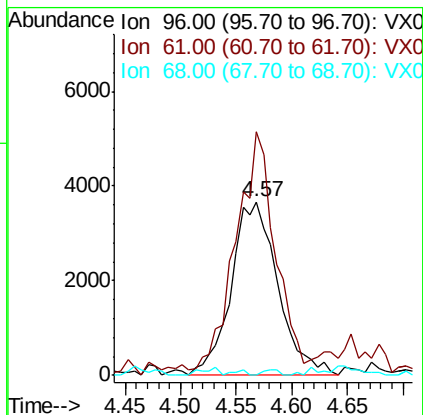
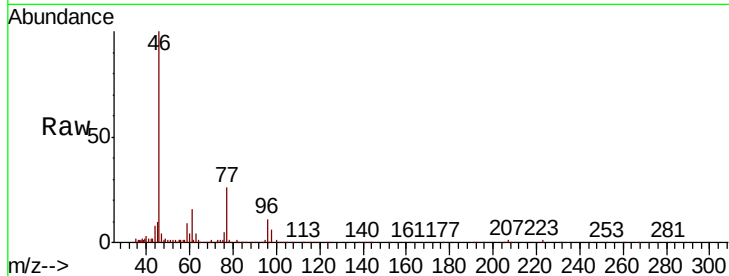


#20

cis-1,2-Dichloroethene  
Concen: 2.257 ug/L  
RT: 4.57 min Scan# 571  
Delta R.T. 0.01 min  
Lab File: VX018218.D  
Acq: 02 Sep 2020 15:49

Instrument :  
MSVOA\_X  
ClientSampleId :  
MDL06

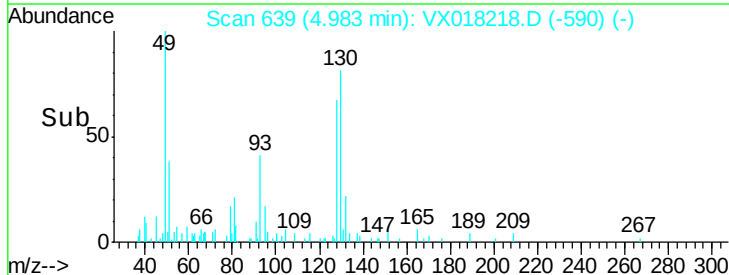
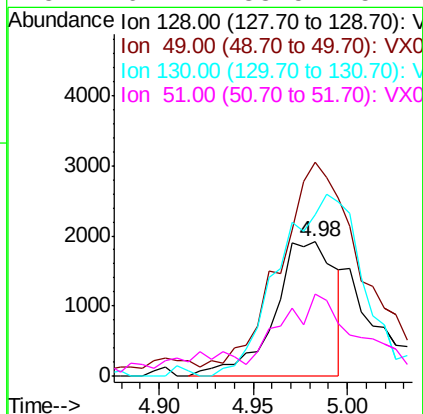
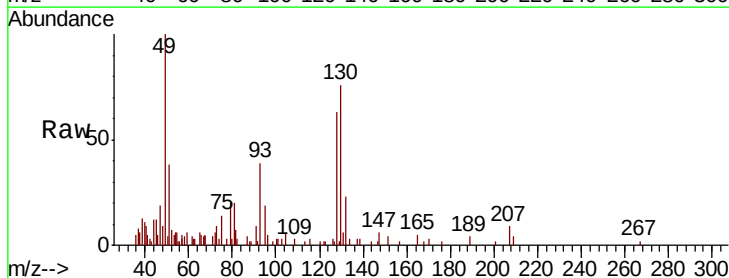
Tot Ion: 96 Resp: 10706  
Ion Ratio Lower Upper  
96 100  
61 140.2 88.0 163.4  
68 0.0 0.1 0.1#

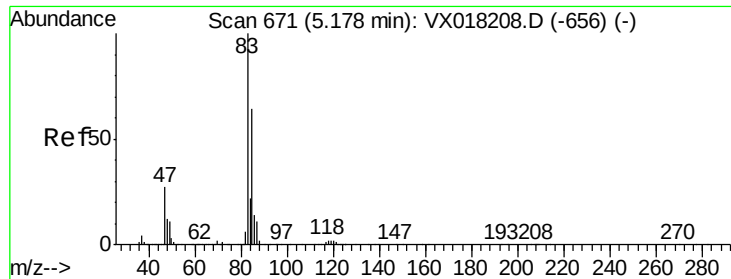


#23

Bromochloromethane  
Concen: 1.611 ug/L  
RT: 4.98 min Scan# 639  
Delta R.T. 0.00 min  
Lab File: VX018218.D  
Acq: 02 Sep 2020 15:49

Tgt Ion: 128 Resp: 4275  
Ion Ratio Lower Upper  
128 100  
49 159.0 106.8 198.4  
130 120.2 85.3 158.5  
51 61.2 38.5 57.7#

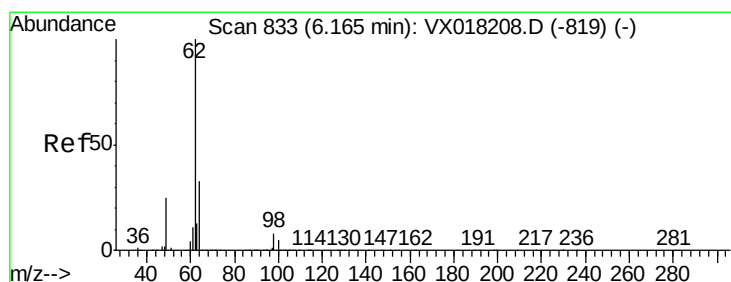
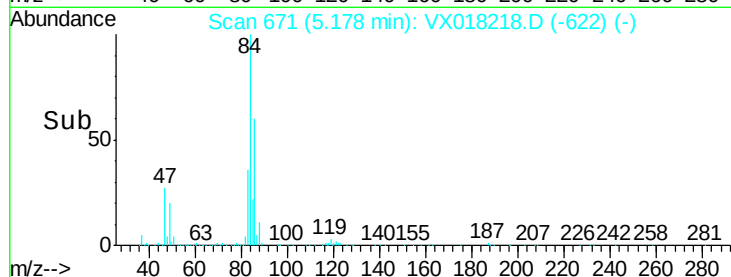
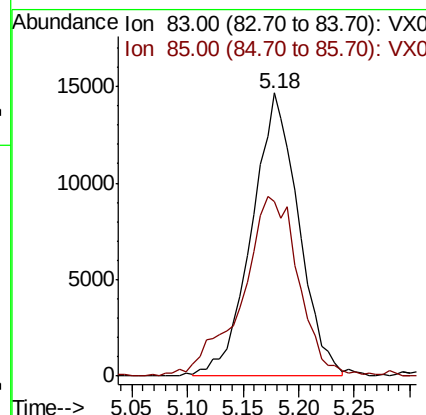
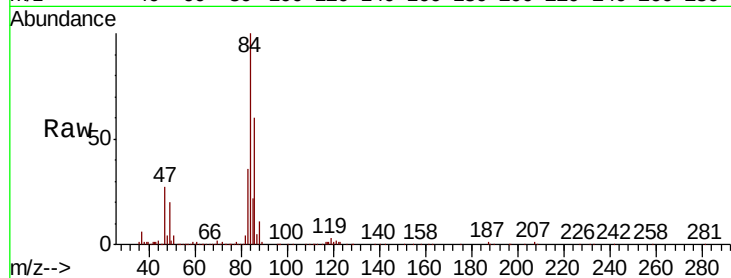




#25  
Chloroform  
Concen: 4.507 ug/L  
RT: 5.18 min Scan# 671  
Delta R.T. 0.00 min  
Lab File: VX018218.D  
Acq: 02 Sep 2020 15:49

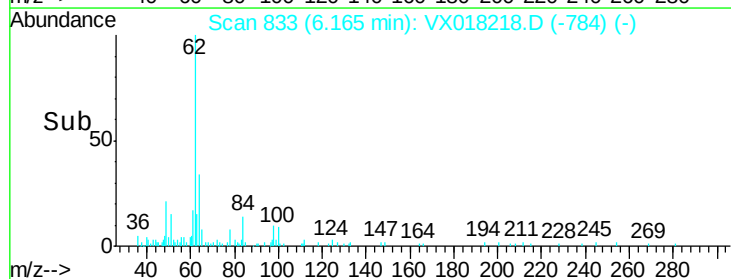
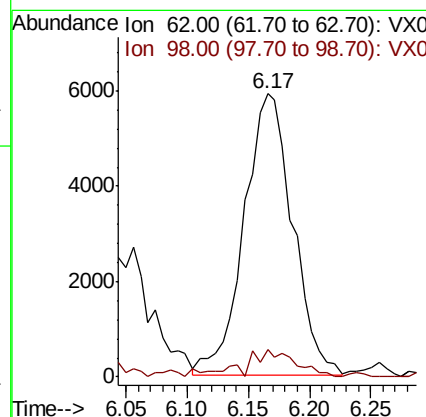
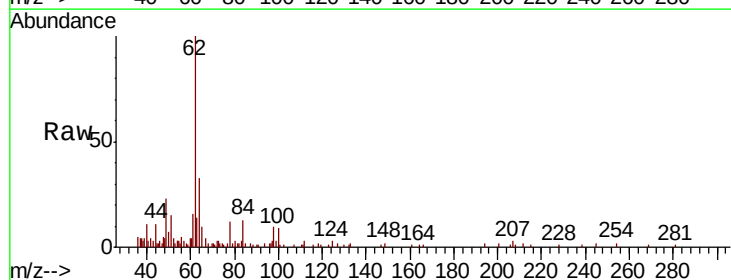
Instrument :  
MSVOA\_X  
ClientSampled :  
MDL06

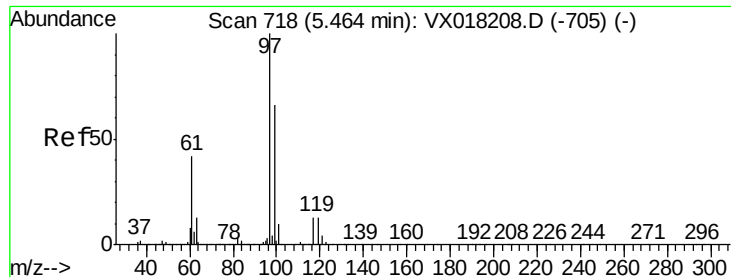
Tot Ion: 83 Resp: 42869  
Ion Ratio Lower Upper  
83 100  
85 61.6 44.7 83.1



#27  
1,2-Dichloroethane  
Concen: 2.265 ug/L  
RT: 6.17 min Scan# 833  
Delta R.T. 0.00 min  
Lab File: VX018218.D  
Acq: 02 Sep 2020 15:49

Tgt Ion: 62 Resp: 16321  
Ion Ratio Lower Upper  
62 100  
98 9.6 6.6 9.8

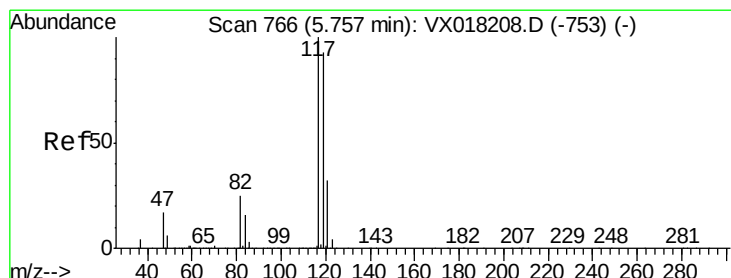
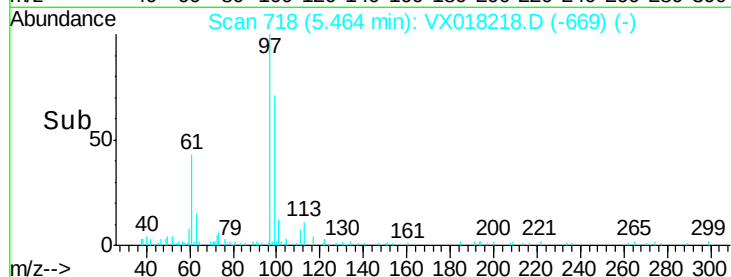
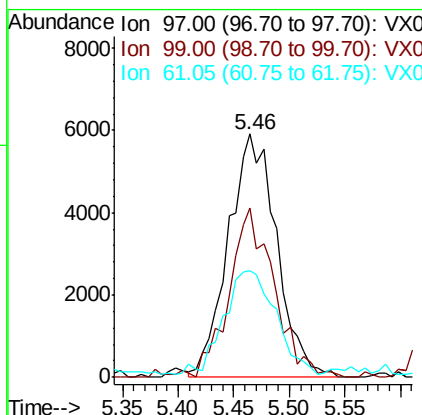
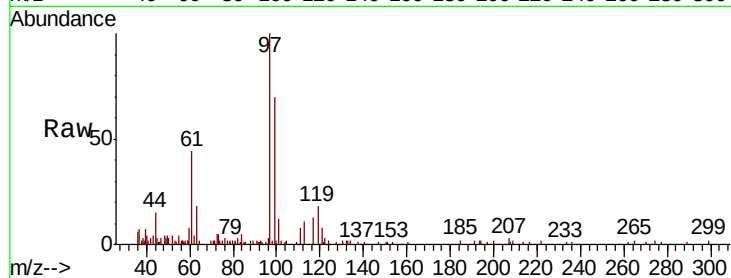




#30  
 1,1,1-Trichloroethane  
 Concen: 2.203 ug/L  
 RT: 5.46 min Scan# 718  
 Delta R.T. 0.00 min  
 Lab File: VX018218.D  
 Acq: 02 Sep 2020 15:49

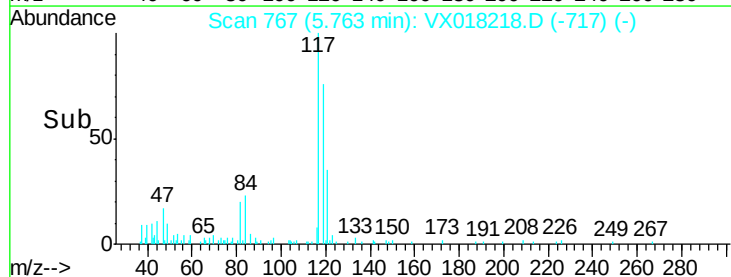
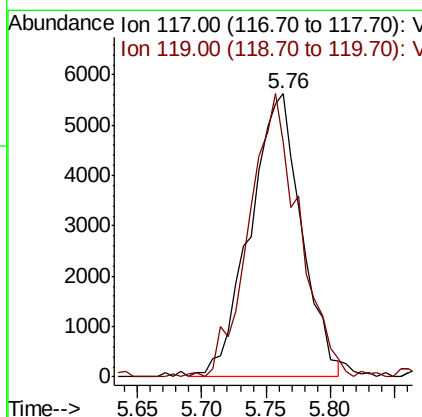
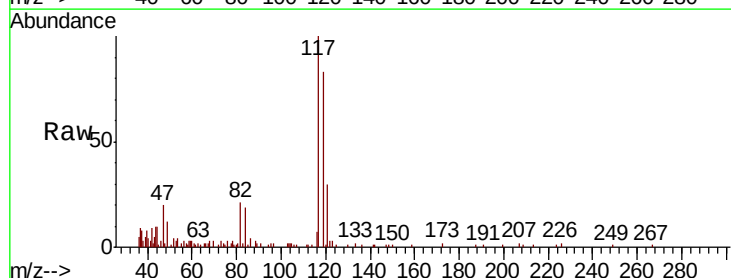
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 MDL06

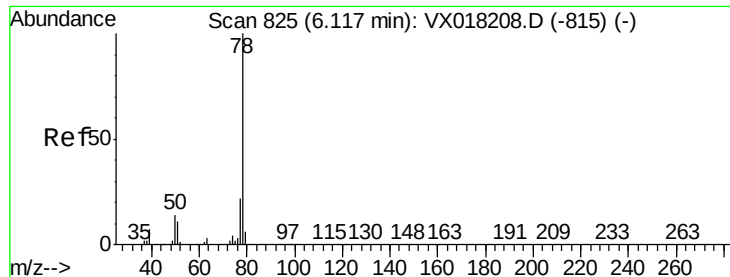
Tot Ion: 97 Resp: 17903  
 Ion Ratio Lower Upper  
 97 100  
 99 61.5 51.7 77.5  
 61 47.1 33.8 50.6



#31  
 Carbon tetrachloride  
 Concen: 2.105 ug/L  
 RT: 5.76 min Scan# 767  
 Delta R.T. 0.01 min  
 Lab File: VX018218.D  
 Acq: 02 Sep 2020 15:49

Tgt Ion: 117 Resp: 15577  
 Ion Ratio Lower Upper  
 117 100  
 119 97.1 76.8 115.2





#33

Benzene

Concen: 2.130 ug/L

RT: 6.12 min Scan# 825

Delta R.T. 0.00 min

Lab File: VX018218.D

Acq: 02 Sep 2020 15:49

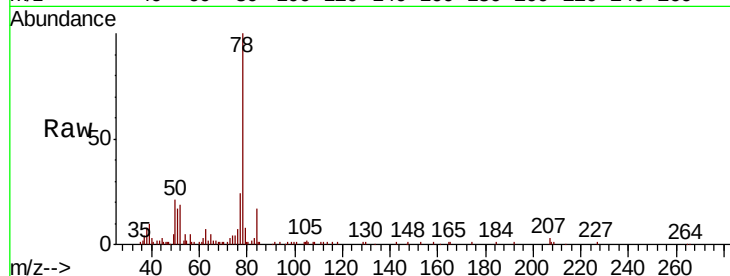
Instrument :

MSVOA\_X

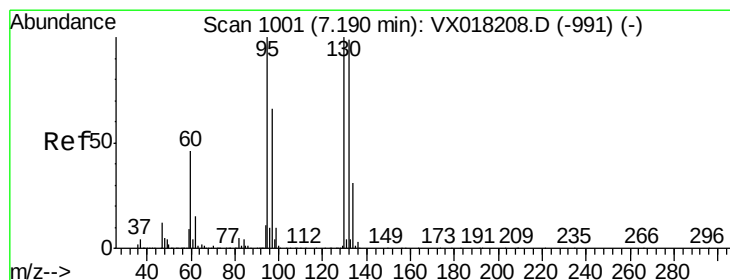
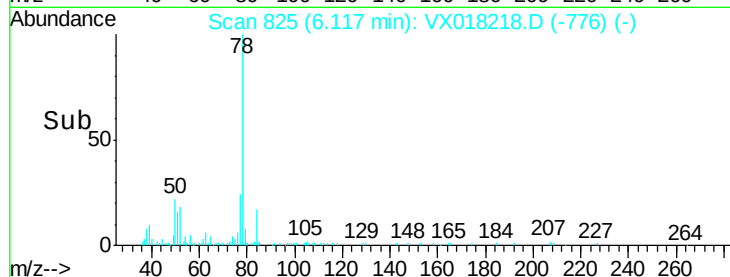
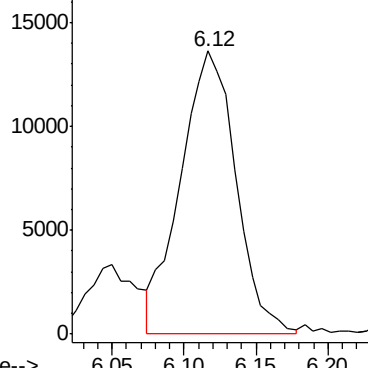
ClientSampleId :

MDL06

Tgt Ion: 78 Resp: 36471



Abundance Ion 78.00 (77.70 to 78.70): VX0



#34

Trichloroethene

Concen: 2.207 ug/L

RT: 7.19 min Scan# 1001

Delta R.T. 0.00 min

Lab File: VX018218.D

Acq: 02 Sep 2020 15:49

Tgt Ion: 95 Resp: 10607

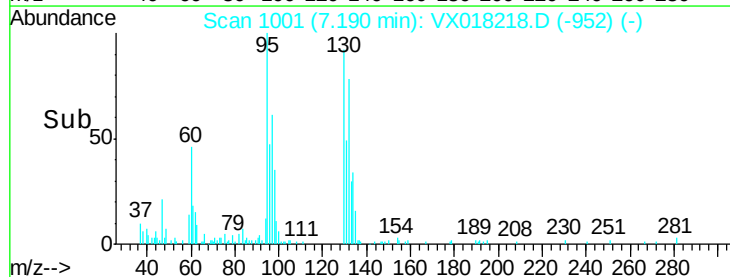
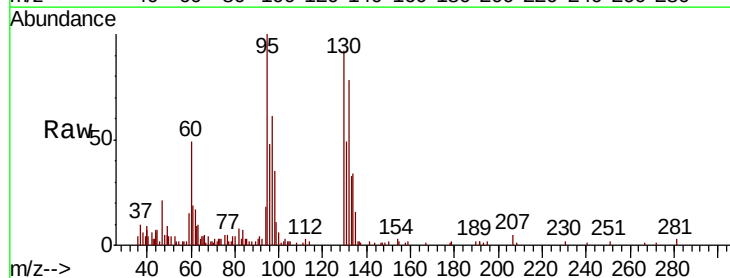
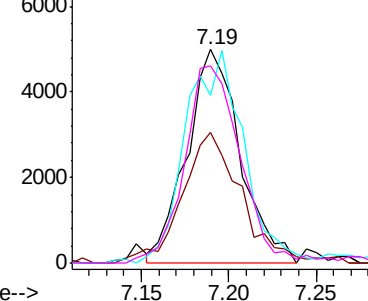
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 95  | 100   |       |       |
| 97  | 60.9  | 46.2  | 85.8  |
| 132 | 78.3  | 69.2  | 128.4 |
| 130 | 92.1  | 70.1  | 130.3 |

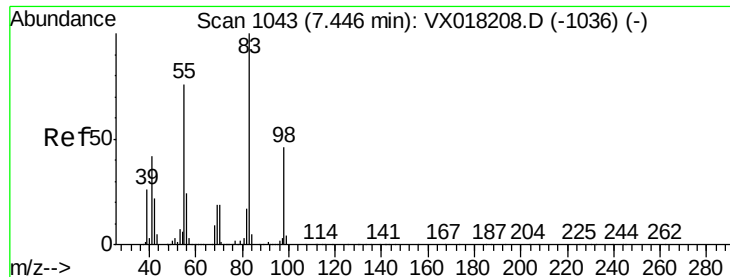
Abundance Ion 95.00 (94.70 to 95.70): VX0

Ion 97.00 (96.70 to 97.70): VX0

Ion 132.00 (131.70 to 132.70): V

Ion 130.00 (129.70 to 130.70): V

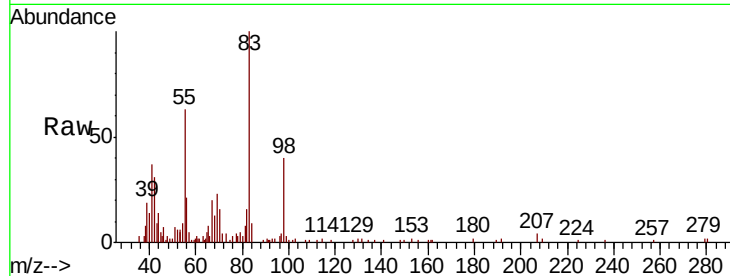




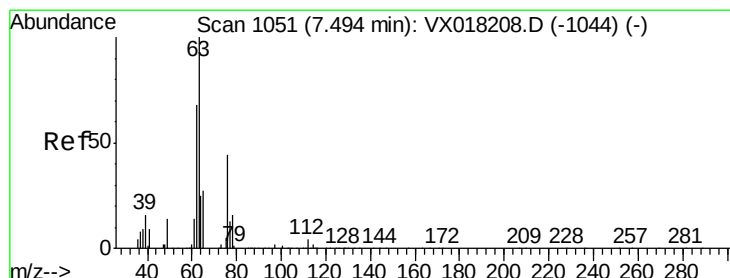
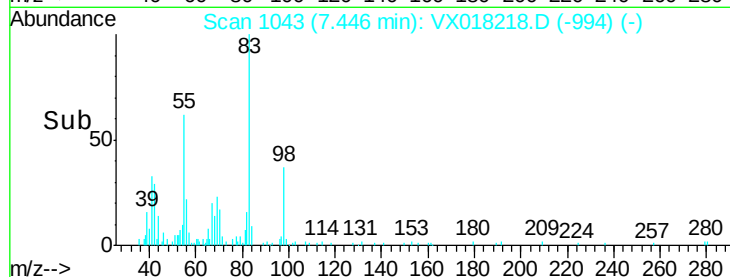
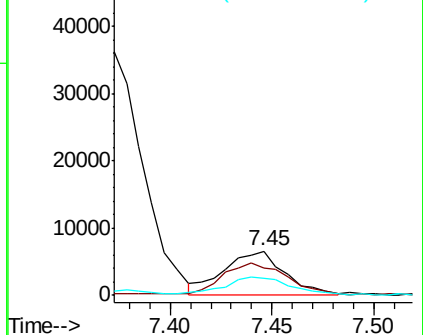
#35  
Methvlcvclohexane  
Concen: 2.050 ug/L  
RT: 7.45 min Scan# 1043  
Delta R.T. 0.00 min  
Lab File: VX018218.D  
Acq: 02 Sep 2020 15:49

Instrument :  
MSVOA\_X  
ClientSampleId :  
MDL06

Tot Ion: 83 Resp: 13698  
Ion Ratio Lower Upper  
83 100  
55 77.6 62.6 94.0  
98 45.6 37.1 55.7

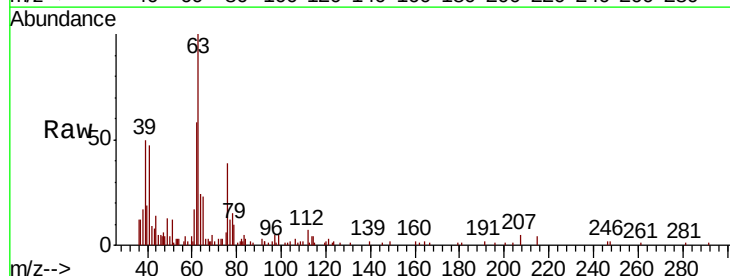


Abundance Ion 83.00 (82.70 to 83.70): VX0  
Ion 55.00 (54.70 to 55.70): VX0  
Ion 98.00 (97.70 to 98.70): VX0

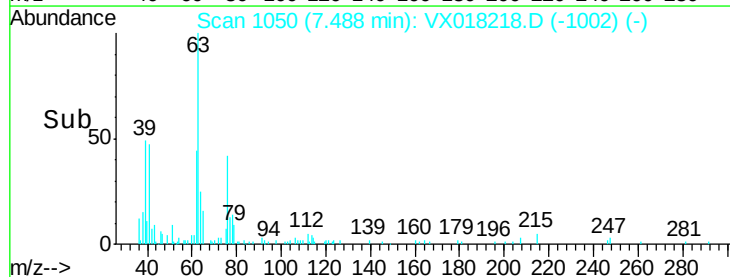
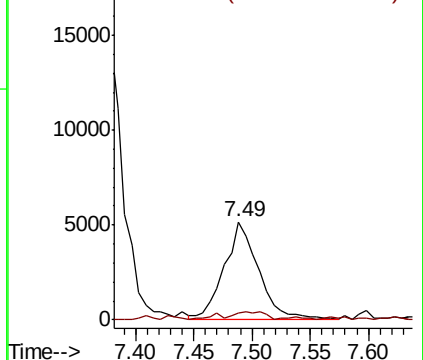


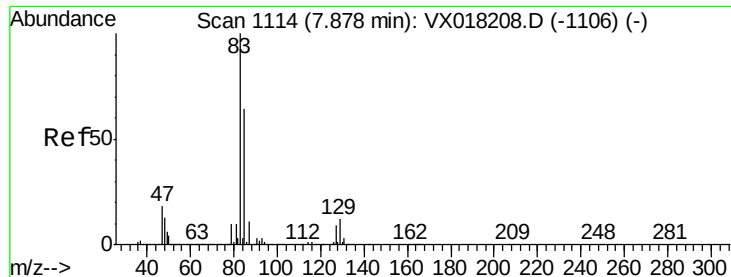
#37  
1,2-Dichloropropane  
Concen: 2.362 ug/L  
RT: 7.49 min Scan# 1050  
Delta R.T. -0.01 min  
Lab File: VX018218.D  
Acq: 02 Sep 2020 15:49

Tgt Ion: 63 Resp: 10708  
Ion Ratio Lower Upper  
63 100  
112 4.6 3.6 5.4



Abundance Ion 63.00 (62.70 to 63.70): VX0  
Ion 112.00 (111.70 to 112.70): V





#38

Bromodichloromethane

Concen: 2.174 ug/L

RT: 7.88 min Scan# 1114

Delta R.T. 0.00 min

Lab File: VX018218.D

Acq: 02 Sep 2020 15:49

Instrument :

MSVOA\_X

ClientSampleId :

MDL06

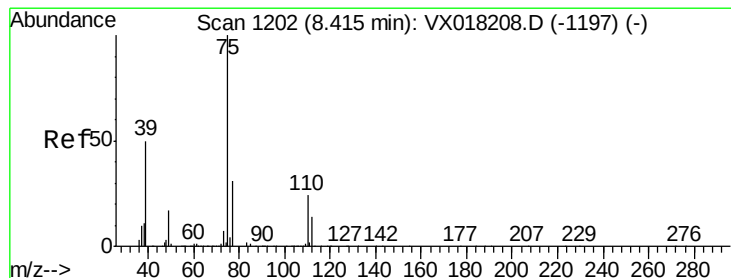
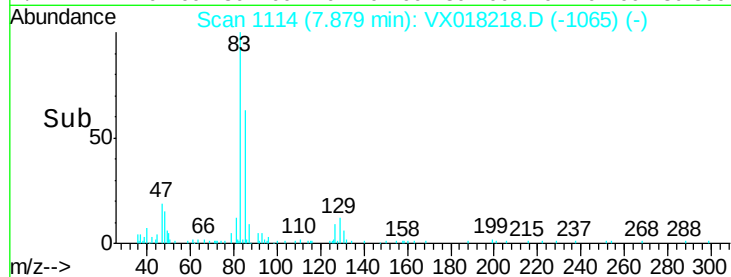
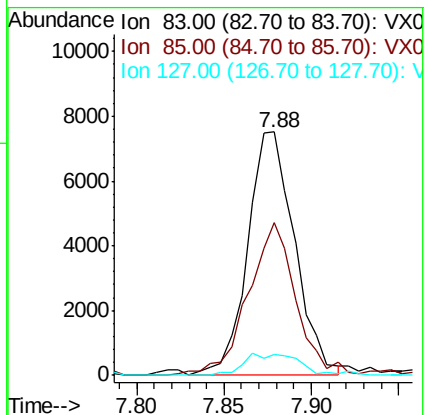
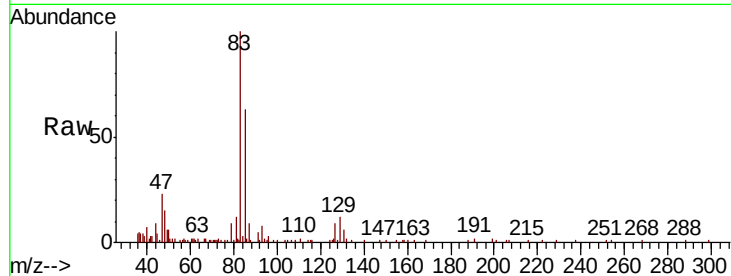
Tot Ion: 83 Resp: 14037

Ion Ratio Lower Upper

83 100

85 62.8 44.5 82.7

127 8.8 7.4 11.2



#39

cis-1,3-Dichloropropene

Concen: 2.061 ug/L

RT: 8.42 min Scan# 1202

Delta R.T. 0.00 min

Lab File: VX018218.D

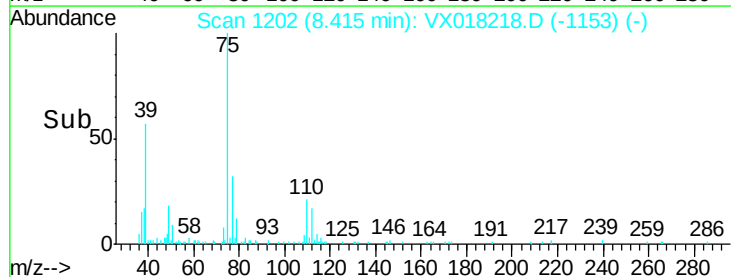
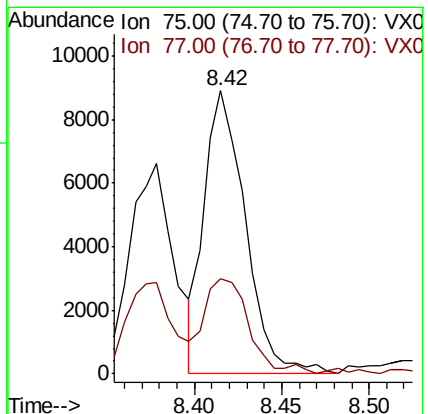
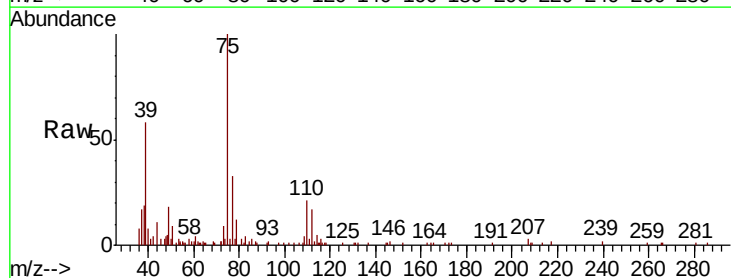
Acq: 02 Sep 2020 15:49

Tgt Ion: 75 Resp: 14572

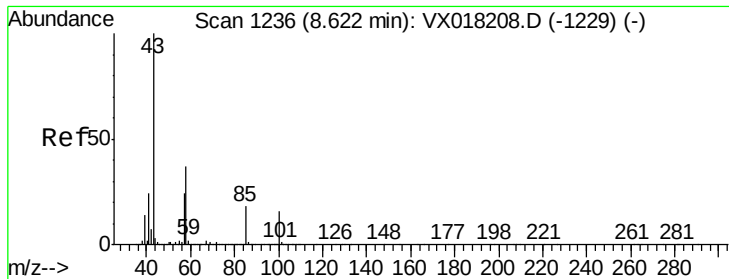
Ion Ratio Lower Upper

75 100

77 33.5 21.7 40.3



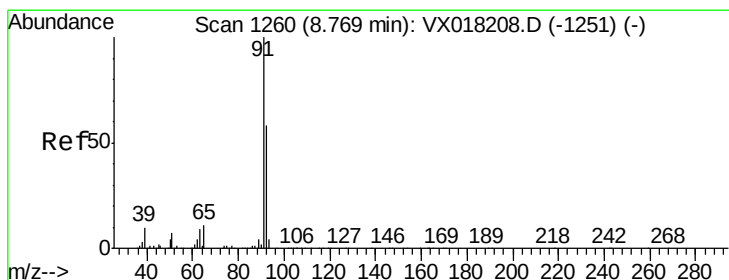
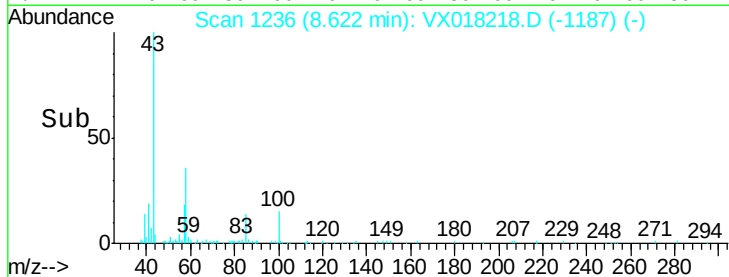
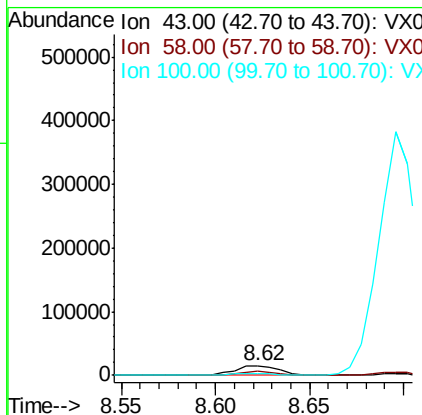
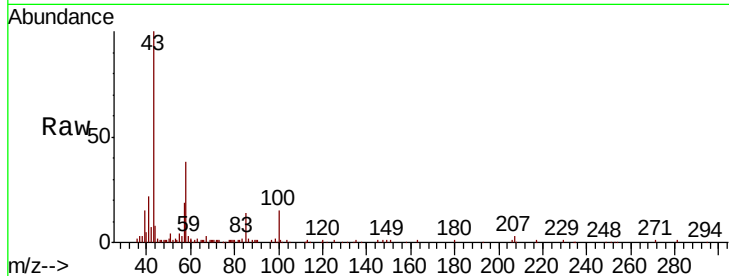




#40  
 4-Methyl-2-pentanone  
 Concen: 4.039 ug/L  
 RT: 8.62 min Scan# 1236  
 Delta R.T. 0.00 min  
 Lab File: VX018218.D  
 Acq: 02 Sep 2020 15:49

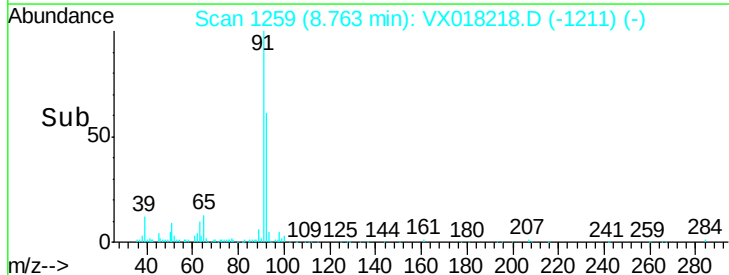
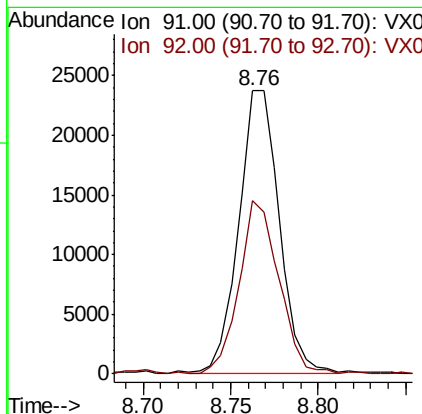
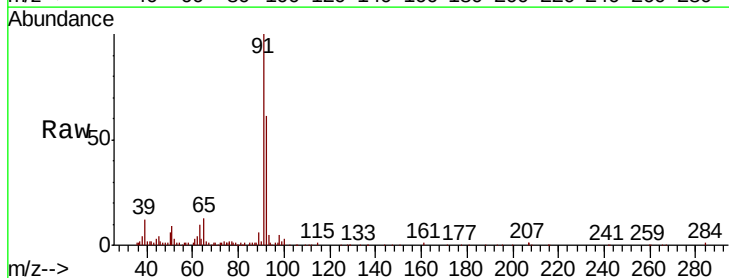
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 MDL06

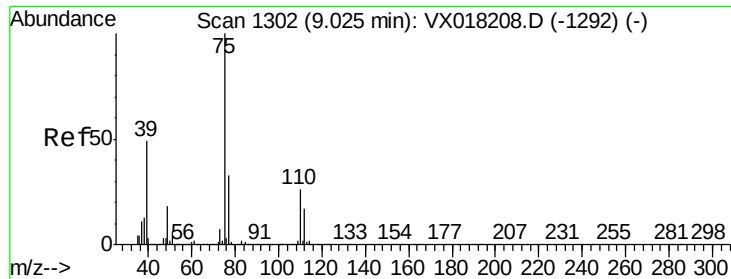
Tot Ion: 43 Resp: 24833  
 Ion Ratio Lower Upper  
 43 100  
 58 38.7 30.3 45.5  
 100 16.2 11.9 17.9



#42  
 Toluene  
 Concen: 2.100 ug/L  
 RT: 8.76 min Scan# 1259  
 Delta R.T. -0.01 min  
 Lab File: VX018218.D  
 Acq: 02 Sep 2020 15:49

Tgt Ion: 91 Resp: 38593  
 Ion Ratio Lower Upper  
 91 100  
 92 61.2 40.9 75.9





#44

trans-1,3-Dichloropropene

Concen: 2.007 ug/L

RT: 9.02 min Scan# 1302

Delta R.T. 0.00 min

Lab File: VX018218.D

Acq: 02 Sep 2020 15:49

Instrument :

MSVOA\_X

ClientSampleId :

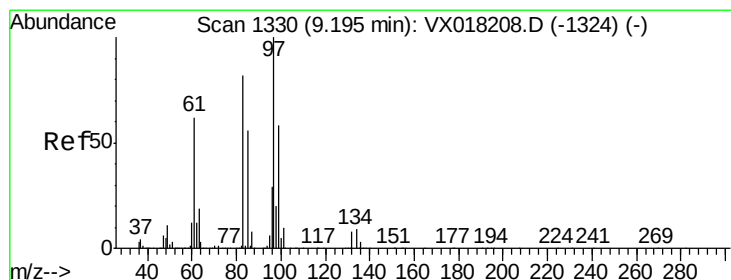
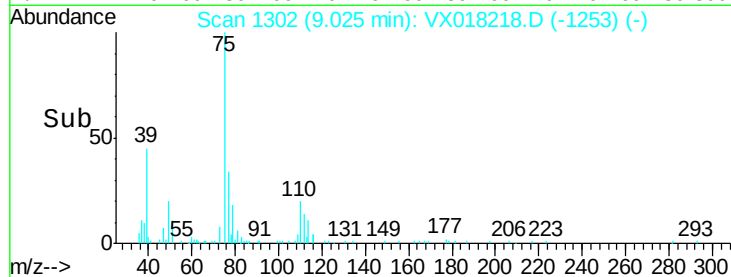
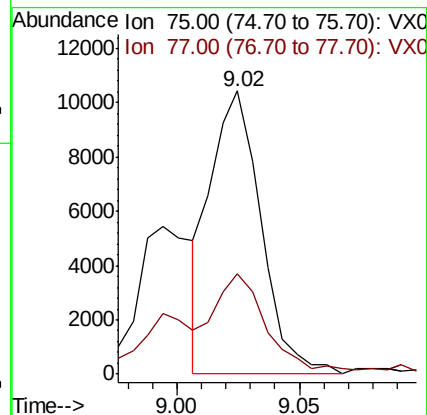
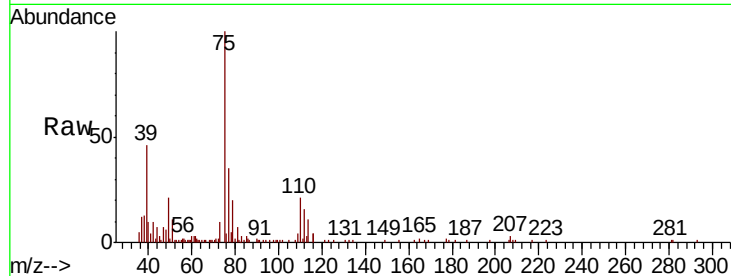
MDL06

Tot Ion: 75 Resp: 14925

Ion Ratio Lower Upper

75 100

77 35.4 23.2 43.0



#45

1,1,2-Trichloroethane

Concen: 2.184 ug/L

RT: 9.20 min Scan# 1330

Delta R.T. 0.00 min

Lab File: VX018218.D

Acq: 02 Sep 2020 15:49

Tgt Ion: 97 Resp: 9942

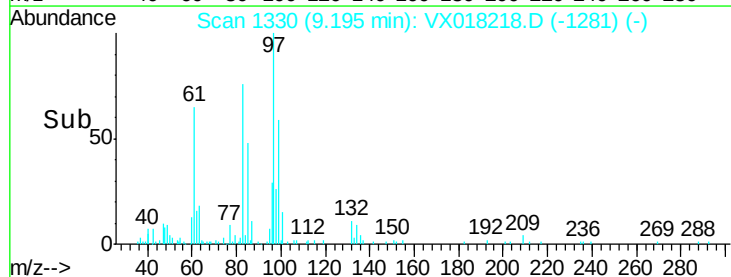
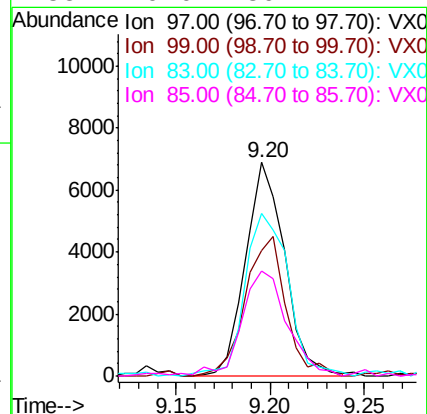
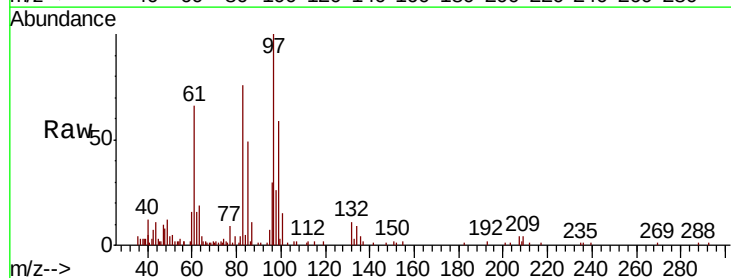
Ion Ratio Lower Upper

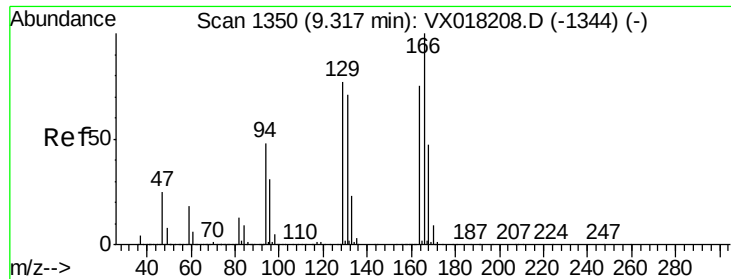
97 100

99 58.5 40.3 74.9

83 76.0 57.7 107.1

85 49.0 39.1 72.7





#46

Tetrachloroethene

Concen: 2.151 ug/L

RT: 9.32 min Scan# 1351

Delta R.T. 0.01 min

Lab File: VX018218.D

Acq: 02 Sep 2020 15:49

Instrument :

MSVOA\_X

ClientSampleId :

MDL06

Tot Ion:164 Resp: 8242

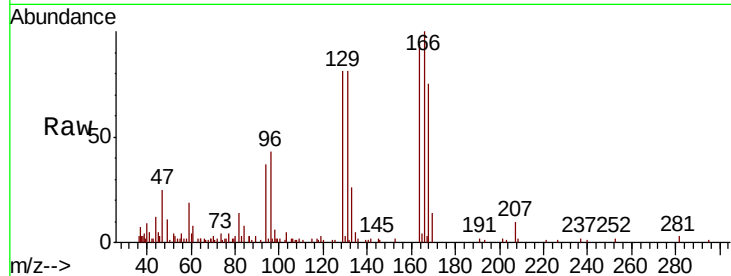
Ion Ratio Lower Upper

164 100

129 86.8 72.0 133.6

131 86.1 66.8 124.2

166 106.8 93.9 174.5



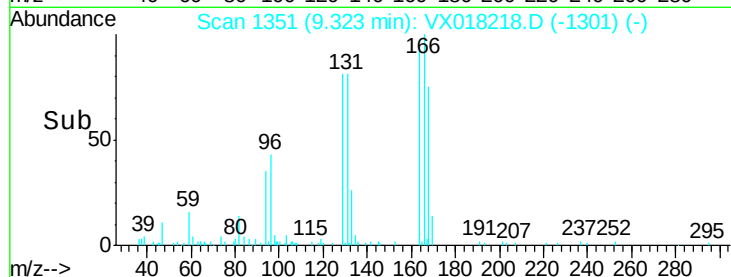
Abundance Ion 164.00 (163.70 to 164.70): V

Ion 129.00 (128.70 to 129.70): V

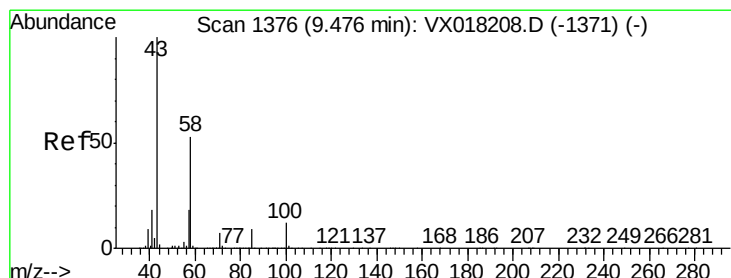
Ion 131.00 (130.70 to 131.70): V

Ion 166.00 (165.70 to 166.70): V

Time-->



Time-->



#48

2-Hexanone

Concen: 4.058 ug/L

RT: 9.48 min Scan# 1376

Delta R.T. 0.00 min

Lab File: VX018218.D

Acq: 02 Sep 2020 15:49

Tgt Ion: 43 Resp: 20165

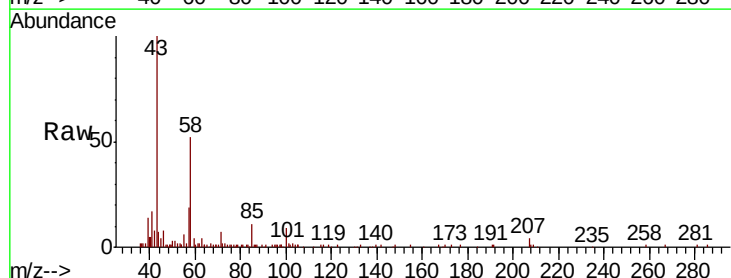
Ion Ratio Lower Upper

43 100

58 56.8 41.8 62.8

57 19.9 15.2 22.8

100 6.5 9.4 14.2#



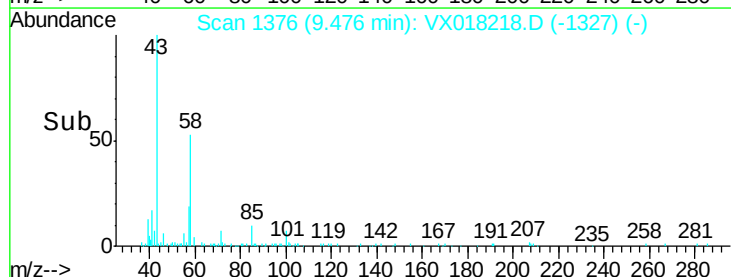
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

Ion 57.00 (56.70 to 57.70): VX0

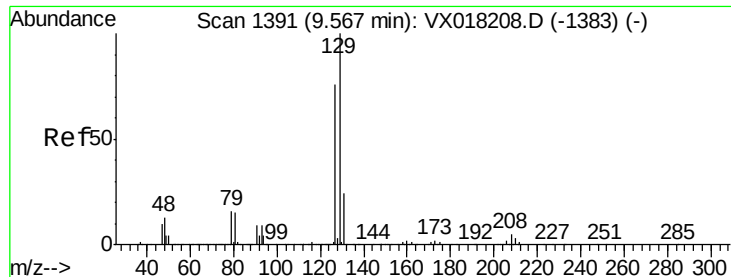
Ion 100.00 (99.70 to 100.70): VX0

Time-->



Time-->

Time-->



#49

Dibromochloromethane

Concen: 2.046 ug/L

RT: 9.57 min Scan# 1391

Delta R.T. 0.00 min

Lab File: VX018218.D

Acq: 02 Sep 2020 15:49

Instrument :

MSVOA\_X

ClientSampleId :

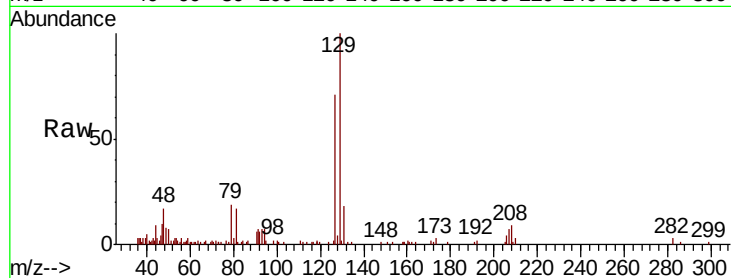
MDL06

Tot Ion:129 Resp: 11415

Ion Ratio Lower Upper

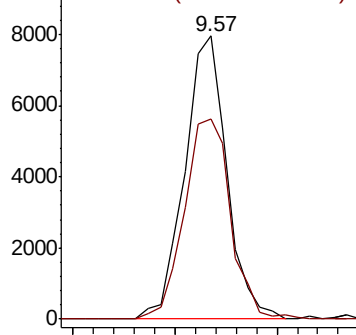
129 100

127 70.7 53.1 98.5

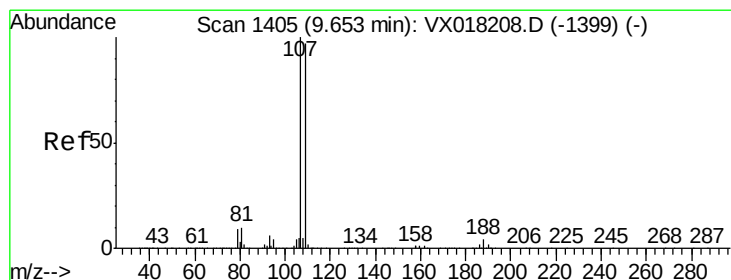
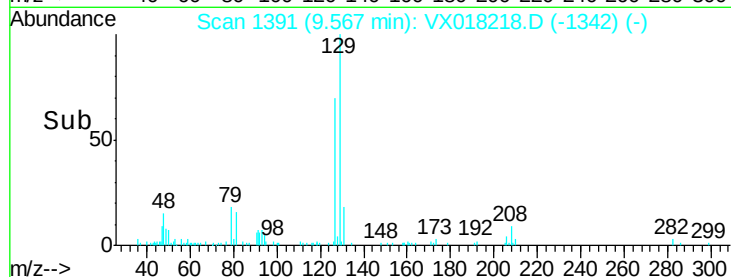


Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V



Time-->



#50

1,2-Dibromoethane

Concen: 2.299 ug/L

RT: 9.65 min Scan# 1405

Delta R.T. 0.00 min

Lab File: VX018218.D

Acq: 02 Sep 2020 15:49

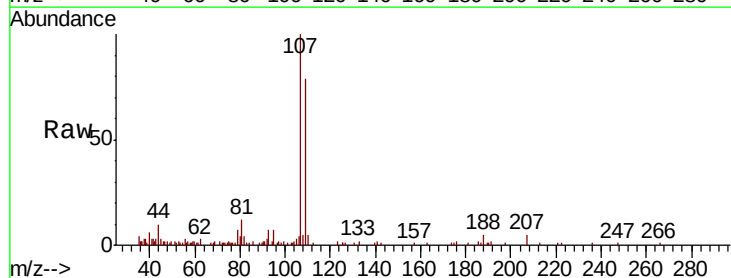
Tgt Ion:107 Resp: 11084

Ion Ratio Lower Upper

107 100

109 78.7 68.0 126.2

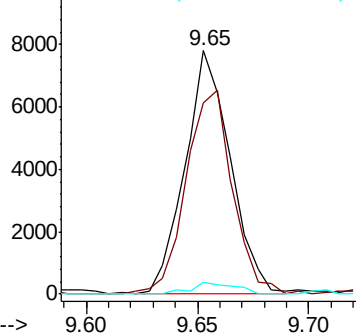
188 4.9 2.8 4.2#



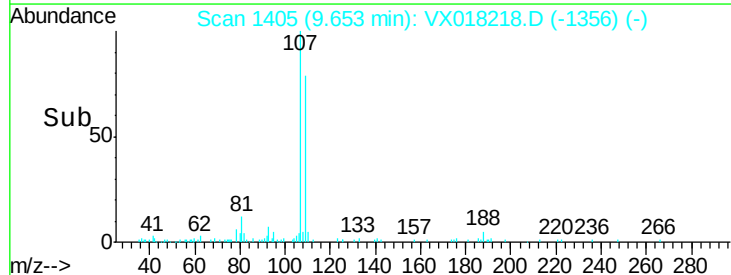
Abundance Ion 107.00 (106.70 to 107.70): V

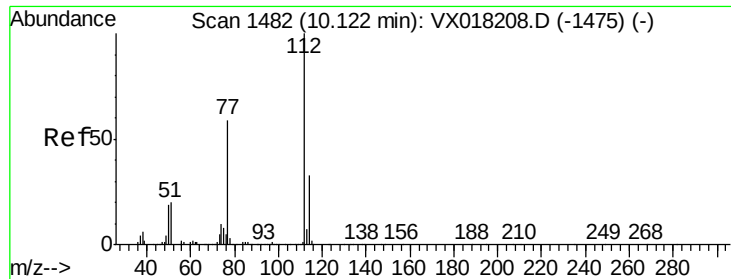
Ion 109.00 (108.70 to 109.70): V

Ion 188.00 (187.70 to 188.70): V



Time-->





#51

Chlorobenzene

Concen: 2.073 ug/L

RT: 10.12 min Scan# 1482

Delta R.T. 0.00 min

Lab File: VX018218.D

Acq: 02 Sep 2020 15:49

Instrument :

MSVOA\_X

ClientSampled :

MDL06

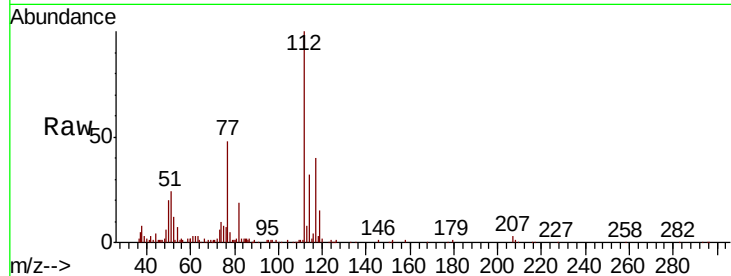
Tot Ion: 112 Resp: 25939

Ion Ratio Lower Upper

112 100

114 32.1 23.2 43.2

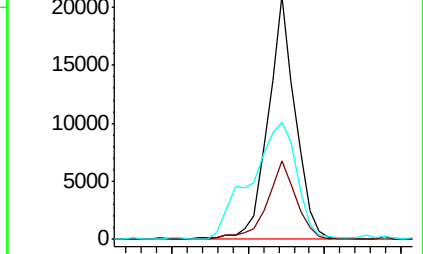
77 47.8 47.0 70.6



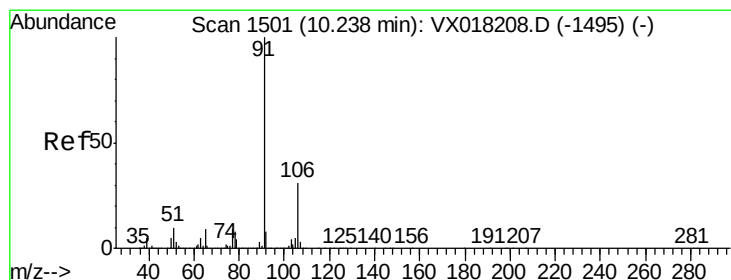
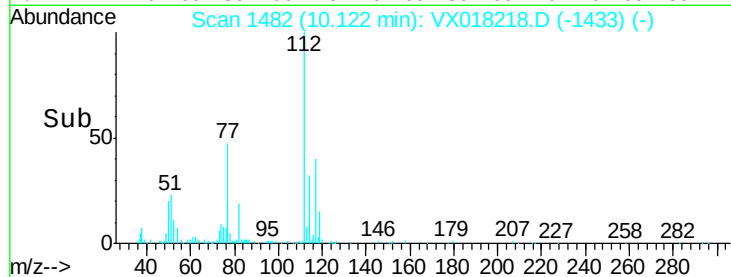
Abundance Ion 112.00 (111.70 to 112.70): V

Ion 114.00 (113.70 to 114.70): V

Ion 77.00 (76.70 to 77.70): V



Time-->



#52

Ethylbenzene

Concen: 1.897 ug/L

RT: 10.23 min Scan# 1500

Delta R.T. -0.01 min

Lab File: VX018218.D

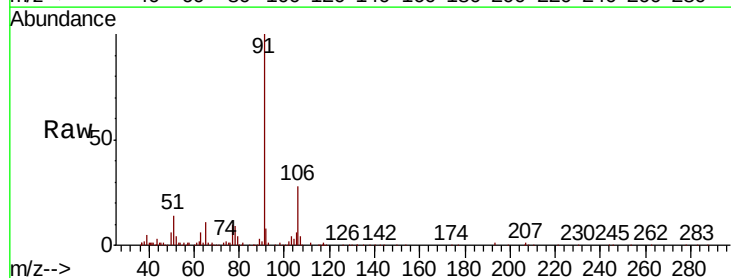
Acq: 02 Sep 2020 15:49

Tgt Ion: 91 Resp: 38858

Ion Ratio Lower Upper

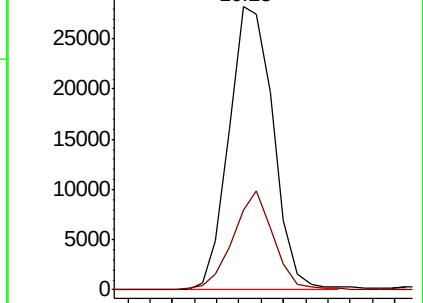
91 100

106 28.4 21.9 40.7

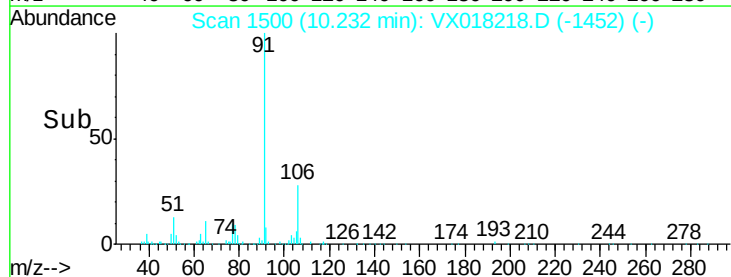


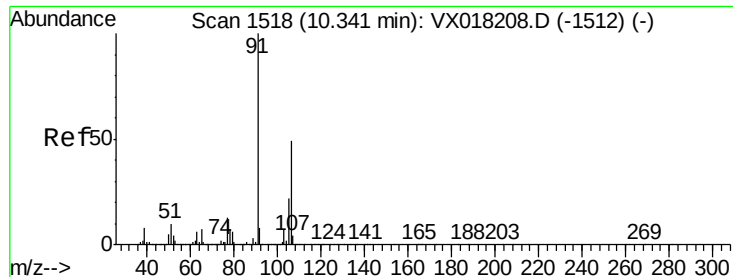
Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V



Time-->





#53

m,p-Xylene

Concen: 1.780 ug/L

RT: 10.34 min Scan# 1518

Delta R.T. 0.00 min

Lab File: VX018218.D

Acq: 02 Sep 2020 15:49

Instrument :

MSVOA\_X

ClientSampleId :

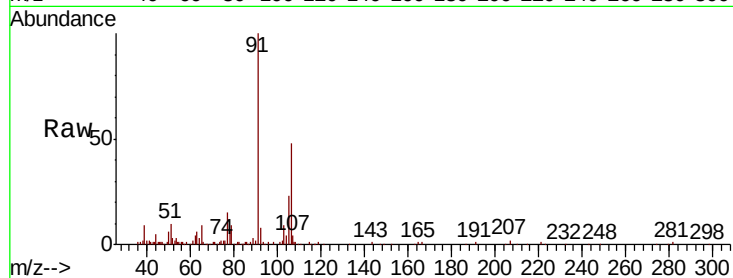
MDL06

Tot Ion:106 Resp: 13931

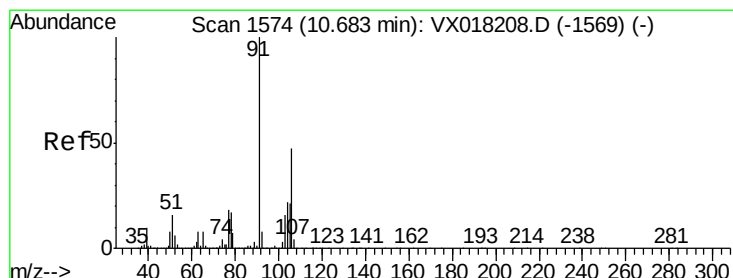
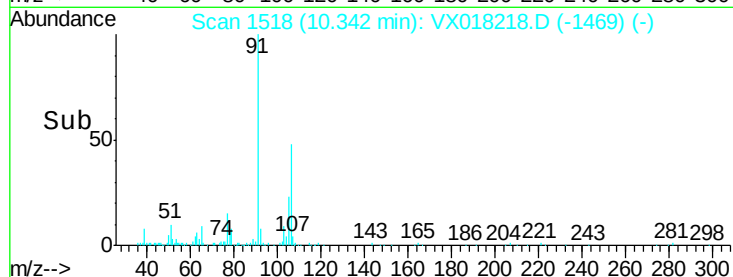
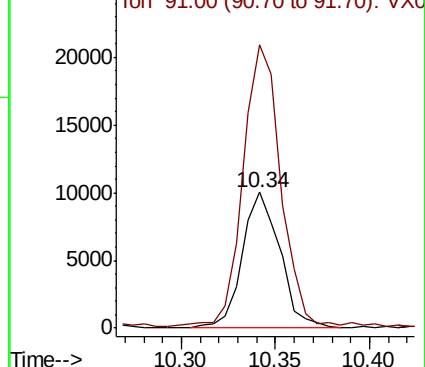
Ion Ratio Lower Upper

106 100

91 208.5 142.2 264.2



Abundance Ion 106.00 (105.70 to 106.70): V



#54

o-xylene

Concen: 1.890 ug/L

RT: 10.68 min Scan# 1574

Delta R.T. 0.00 min

Lab File: VX018218.D

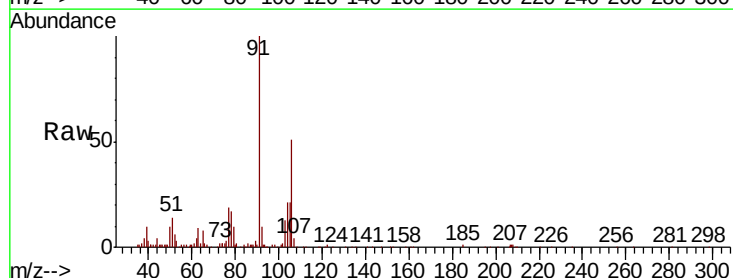
Acq: 02 Sep 2020 15:49

Tgt Ion:106 Resp: 14119

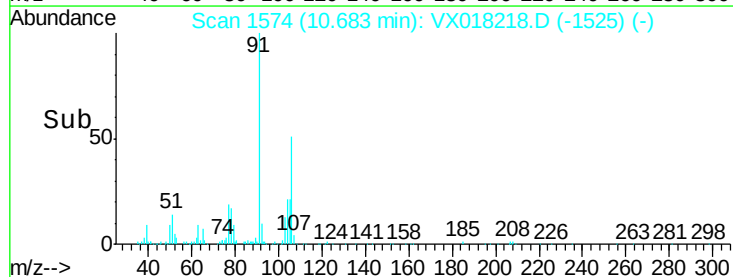
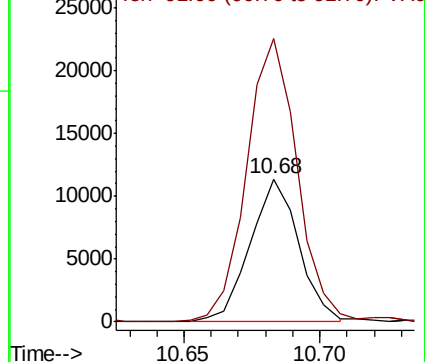
Ion Ratio Lower Upper

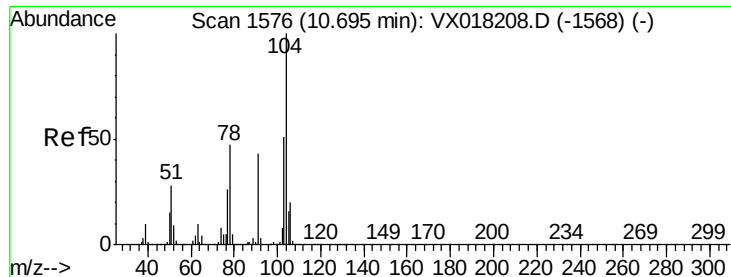
106 100

91 197.8 150.3 279.1



Abundance Ion 106.00 (105.70 to 106.70): V





#55

Stvrene

Concen: 1.798 ug/L

RT: 10.70 min Scan# 1576

Delta R.T. 0.00 min

Lab File: VX018218.D

Acq: 02 Sep 2020 15:49

Instrument :

MSVOA\_X

ClientSampleId :

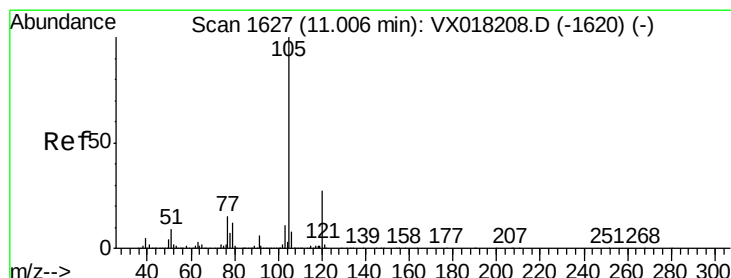
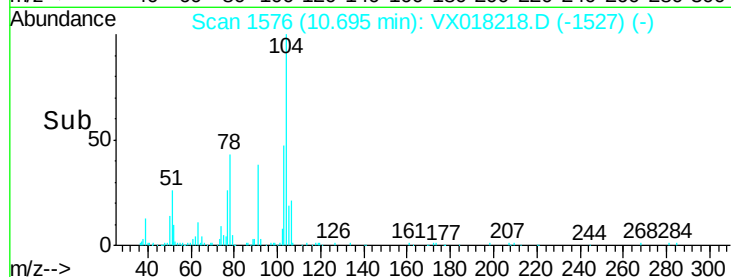
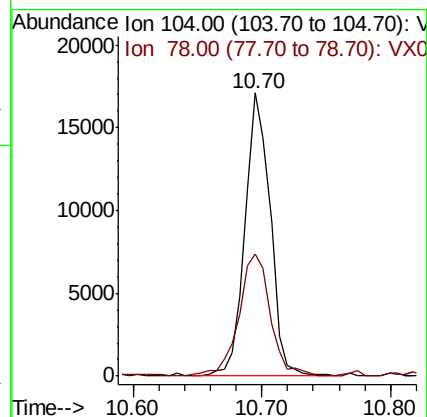
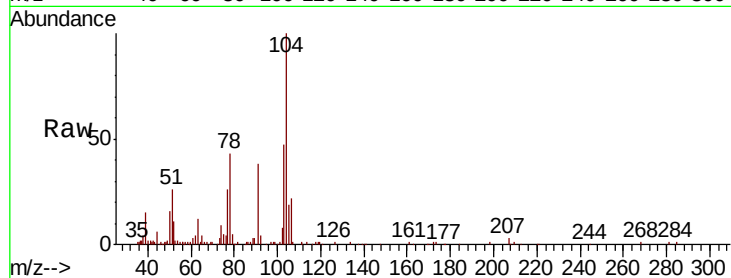
MDL06

Tot Ion:104 Resp: 23198

Ion Ratio Lower Upper

104 100

78 43.3 33.1 61.5



#56

Isopropylbenzene

Concen: 1.771 ug/L

RT: 11.00 min Scan# 1626

Delta R.T. -0.01 min

Lab File: VX018218.D

Acq: 02 Sep 2020 15:49

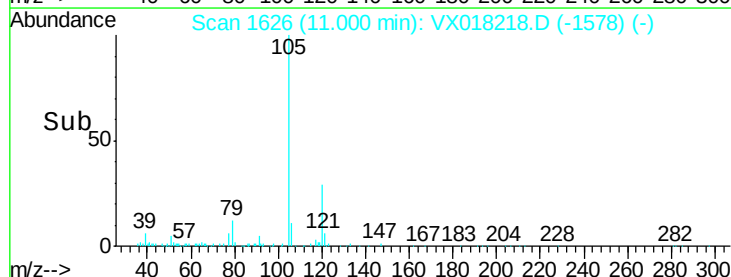
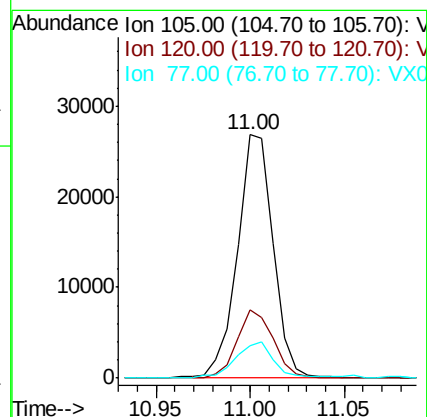
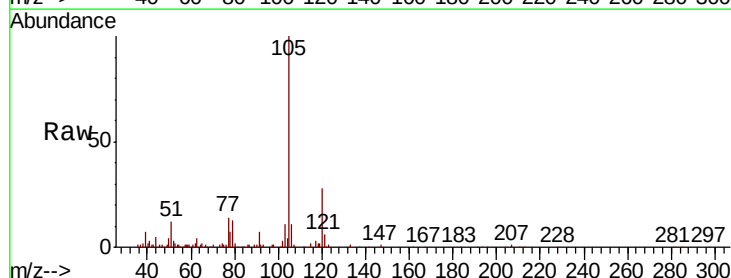
Tgt Ion:105 Resp: 35388

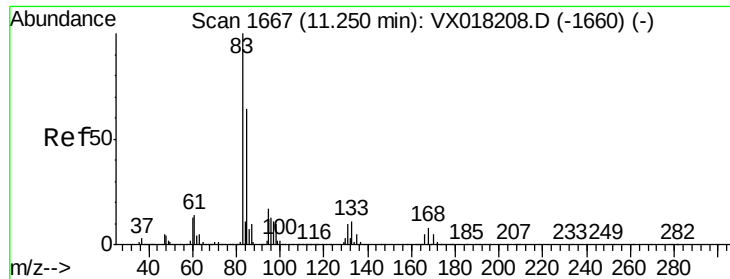
Ion Ratio Lower Upper

105 100

120 28.5 21.3 31.9

77 15.9 12.7 19.1





#58

1,1,2,2-Tetrachloroethane

Concen: 2.295 ug/L

RT: 11.25 min Scan# 1667

Delta R.T. 0.00 min

Lab File: VX018218.D

Acq: 02 Sep 2020 15:49

Instrument :

MSVOA\_X

ClientSampleId :

MDL06

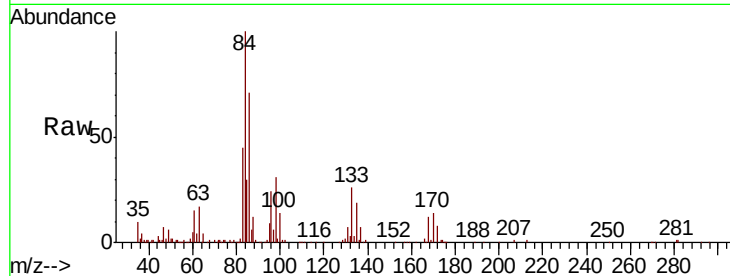
Tot Ion: 83 Resp: 15337

Ion Ratio Lower Upper

83 100

85 66.2 44.6 82.8

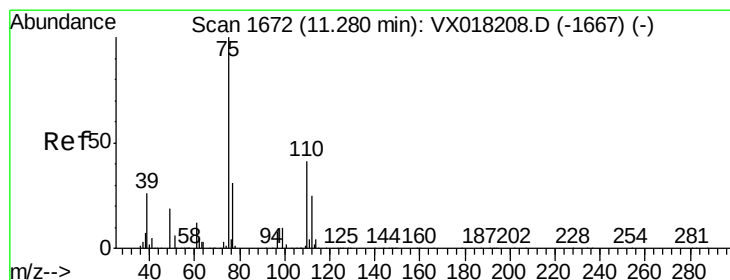
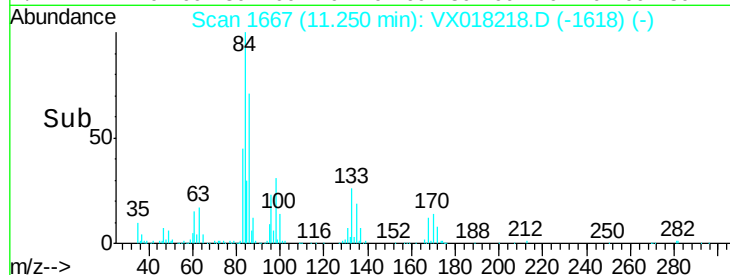
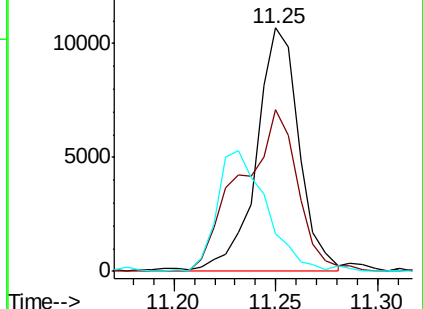
131 15.6 8.0 12.0#



Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 85.00 (84.70 to 85.70): VX0

Ion 131.00 (130.70 to 131.70): V



#59

1,2,3-Trichloropropane

Concen: 2.180 ug/L

RT: 11.28 min Scan# 1672

Delta R.T. 0.00 min

Lab File: VX018218.D

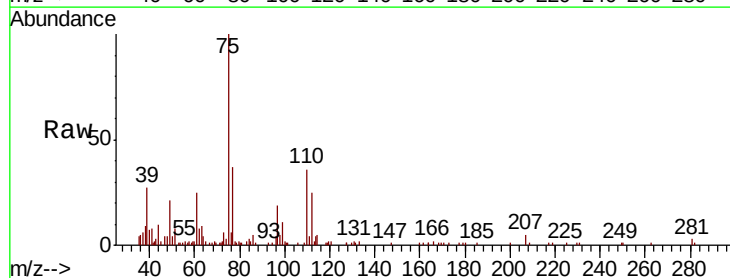
Acq: 02 Sep 2020 15:49

Tgt Ion: 75 Resp: 12627

Ion Ratio Lower Upper

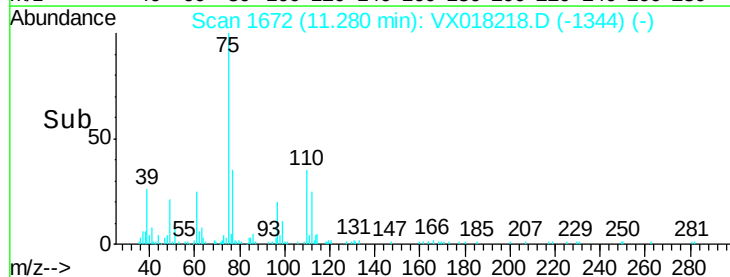
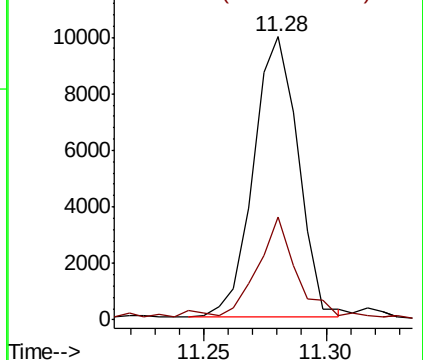
75 100

77 31.7 25.8 38.8

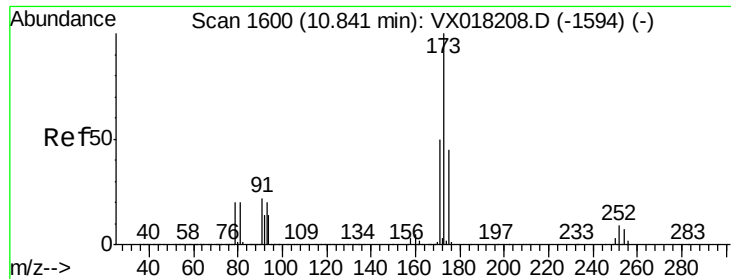


Abundance Ion 75.00 (74.70 to 75.70): VX0

Ion 77.00 (76.70 to 77.70): VX0







#61

Bromoform

Concen: 2.192 ug/L

RT: 10.84 min Scan# 1600

Delta R.T. 0.00 min

Lab File: VX018218.D

Acq: 02 Sep 2020 15:49

Instrument :

MSVOA\_X

ClientSampleId :

MDL06

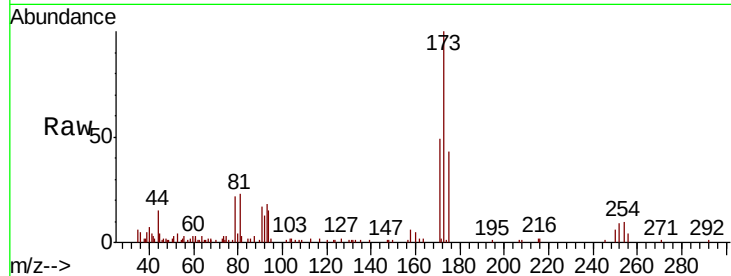
Tot Ion:173 Resp: 8410

Ion Ratio Lower Upper

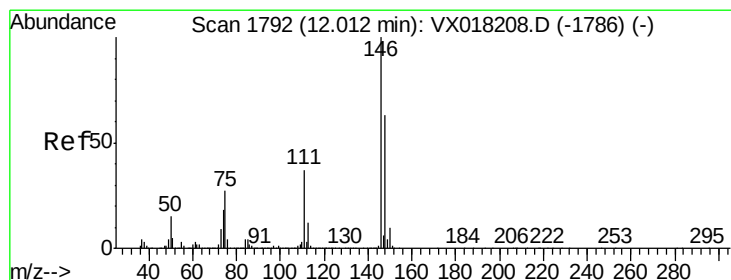
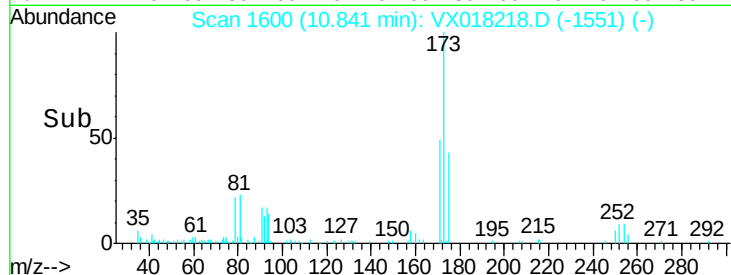
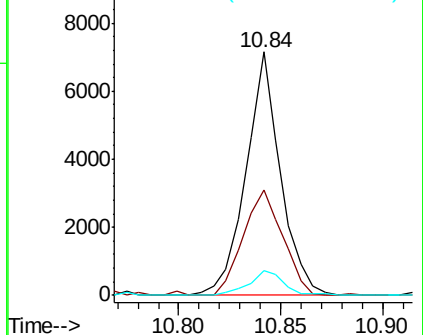
173 100

175 49.4 37.9 56.9

254 9.7 6.6 10.0



Abundance Ion 173.00 (172.70 to 173.70): V  
Ion 175.00 (174.70 to 175.70): V  
Ion 254.00 (253.70 to 254.70): V



#62

1,3-Dichlorobenzene

Concen: 2.054 ug/L

RT: 12.01 min Scan# 1791

Delta R.T. -0.01 min

Lab File: VX018218.D

Acq: 02 Sep 2020 15:49

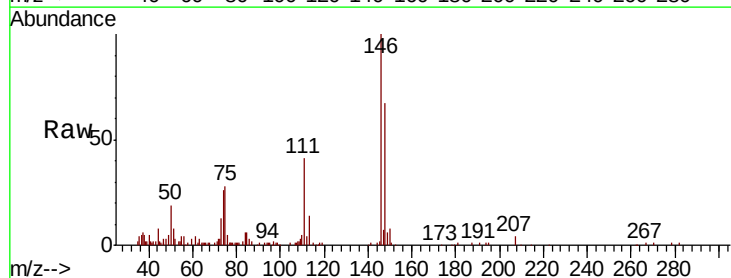
Tgt Ion:146 Resp: 18258

Ion Ratio Lower Upper

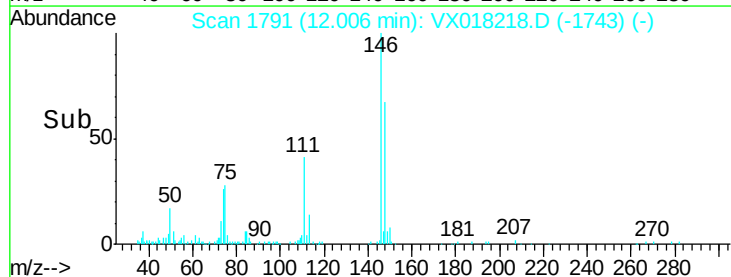
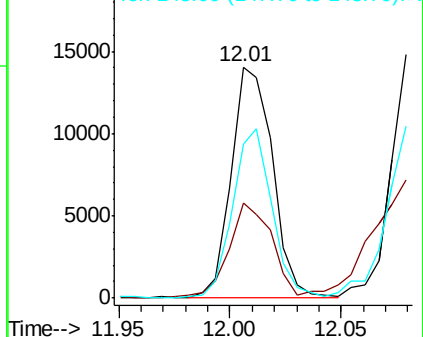
146 100

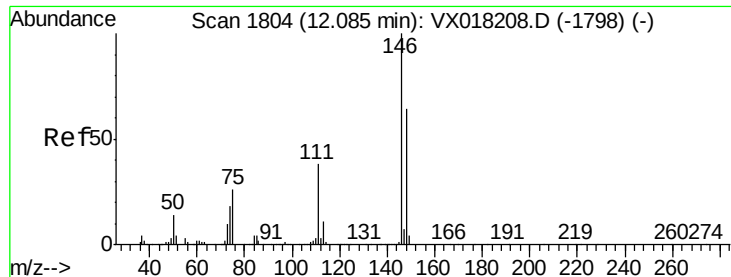
111 41.4 26.2 48.6

148 66.6 44.2 82.2



Abundance Ion 146.00 (145.70 to 146.70): V  
Ion 111.00 (110.70 to 111.70): V  
Ion 148.00 (147.70 to 148.70): V





#63

1,4-Dichlorobenzene

Concen: 2.124 ug/L

RT: 12.08 min Scan# 1803

Delta R.T. -0.01 min

Lab File: VX018218.D

Acq: 02 Sep 2020 15:49

Instrument :

MSVOA\_X

ClientSampleId :

MDL06

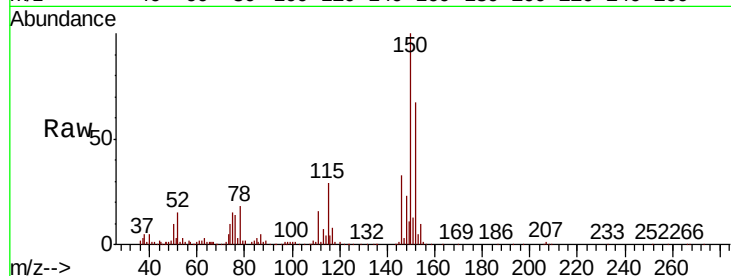
Tot Ion:146 Resp: 19220

Ion Ratio Lower Upper

146 100

111 48.7 26.5 49.1

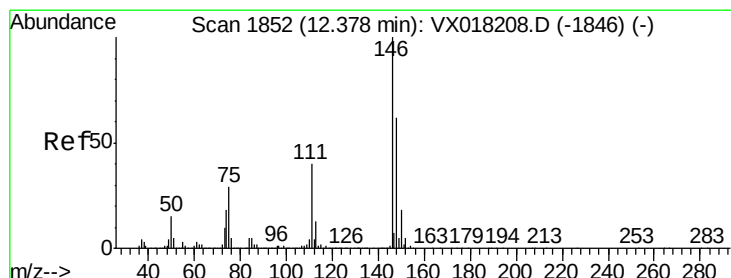
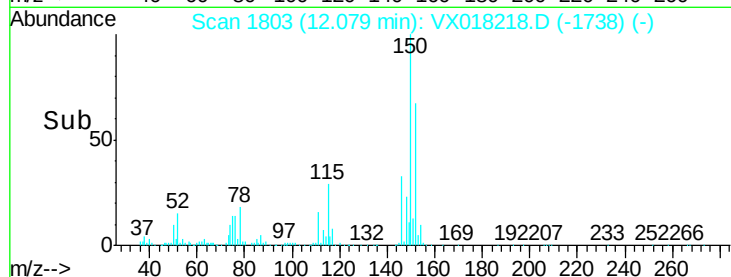
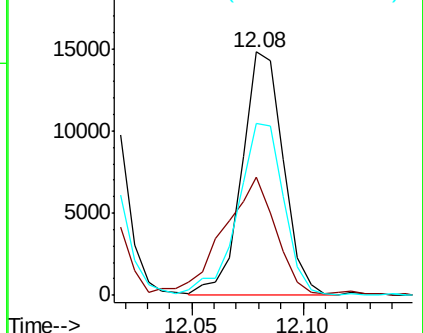
148 70.5 44.5 82.7



Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V



#65

1,2-Dichlorobenzene

Concen: 2.231 ug/L

RT: 12.38 min Scan# 1852

Delta R.T. 0.00 min

Lab File: VX018218.D

Acq: 02 Sep 2020 15:49

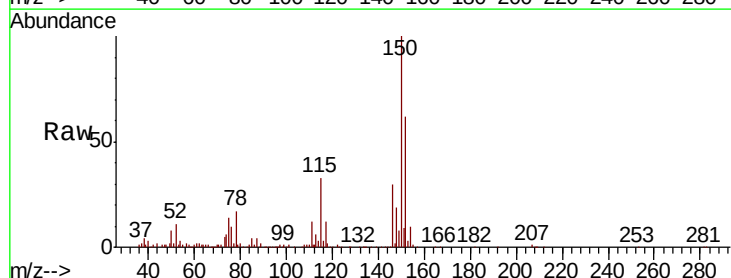
Tgt Ion:146 Resp: 19103

Ion Ratio Lower Upper

146 100

111 39.2 32.4 48.6

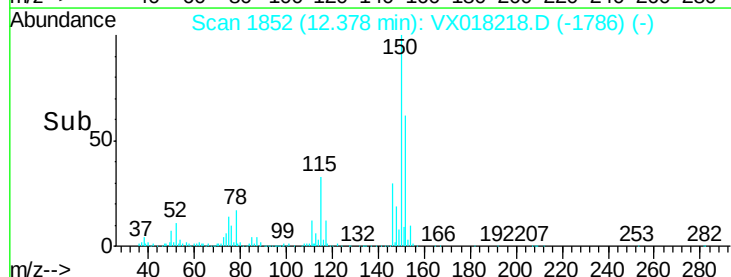
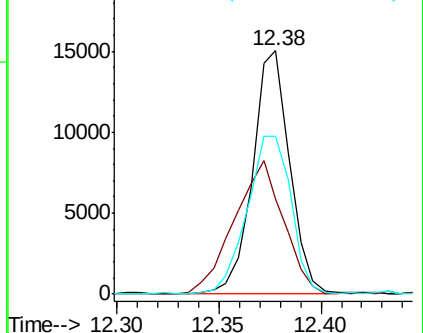
148 64.8 49.7 74.5

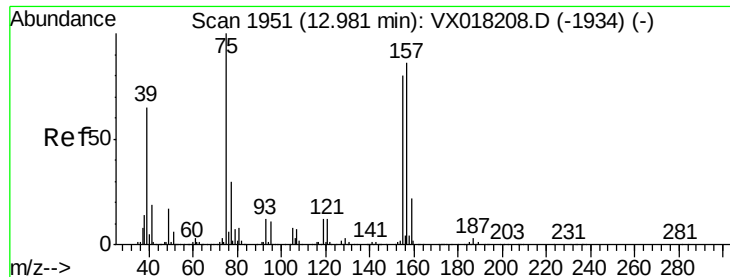


Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V

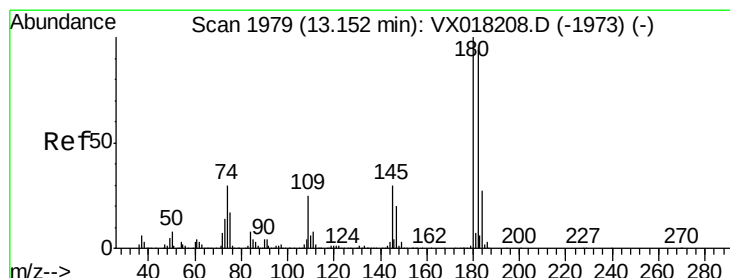
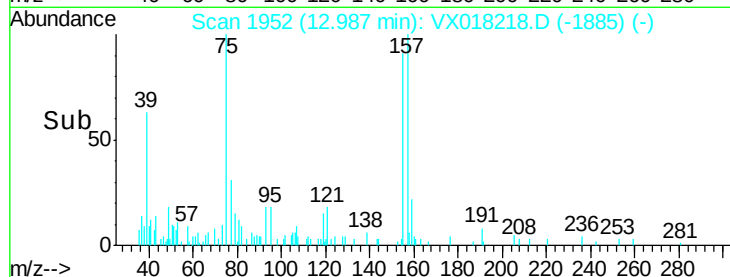
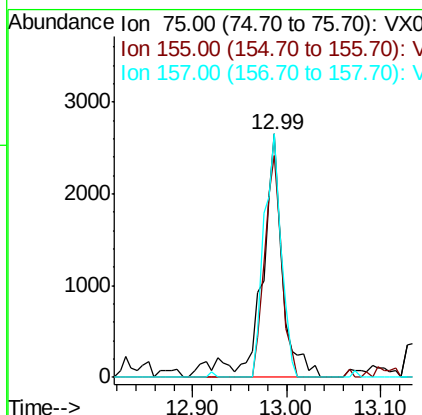
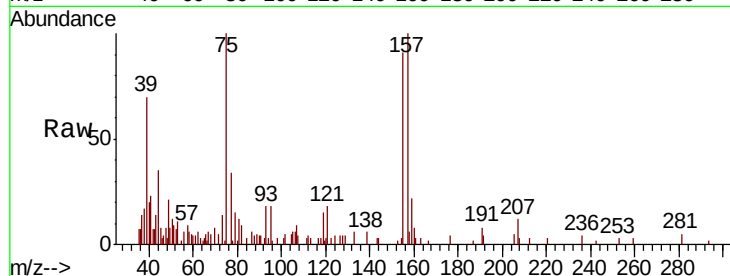




#66  
 1,2-Dibromo-3-chloropropane  
 Concen: 2.562 ug/L  
 RT: 12.99 min Scan# 1952  
 Delta R.T. 0.01 min  
 Lab File: VX018218.D  
 Acq: 02 Sep 2020 15:49

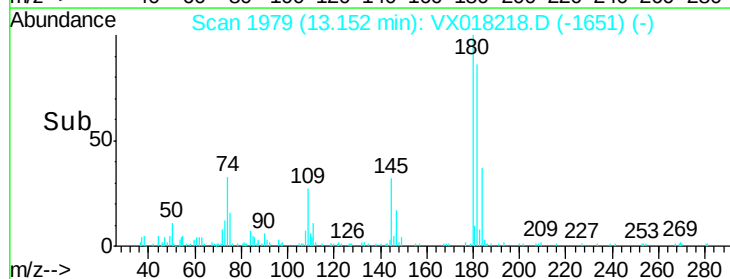
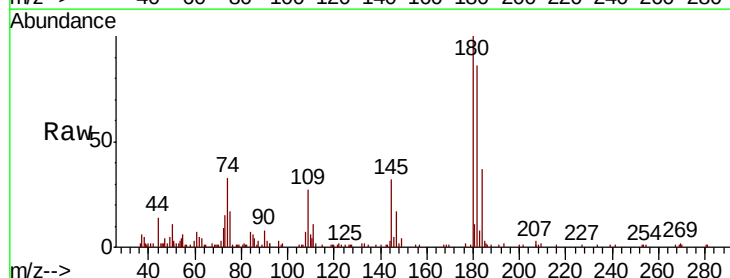
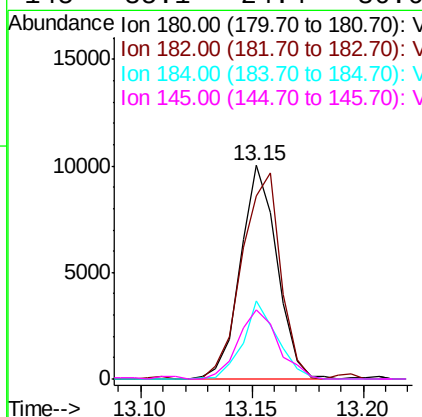
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 MDL06

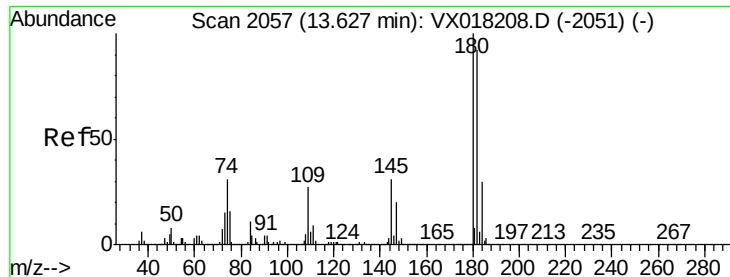
Tot Ion: 75 Resp: 4102  
 Ion Ratio Lower Upper  
 75 100  
 155 91.0 63.8 95.8  
 157 99.8 68.5 102.7



#67  
 1,3,5-Trichlorobenzene  
 Concen: 1.988 ug/L  
 RT: 13.15 min Scan# 1979  
 Delta R.T. 0.00 min  
 Lab File: VX018218.D  
 Acq: 02 Sep 2020 15:49

Tgt Ion: 180 Resp: 11530  
 Ion Ratio Lower Upper  
 180 100  
 182 101.8 77.1 115.7  
 184 33.9 23.8 35.6  
 145 35.1 24.4 36.6

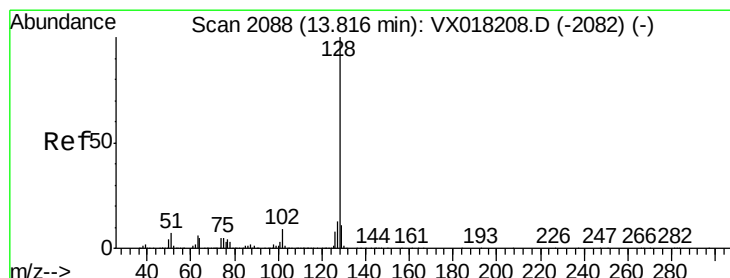
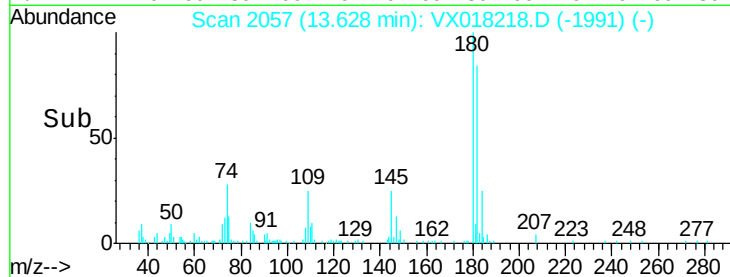
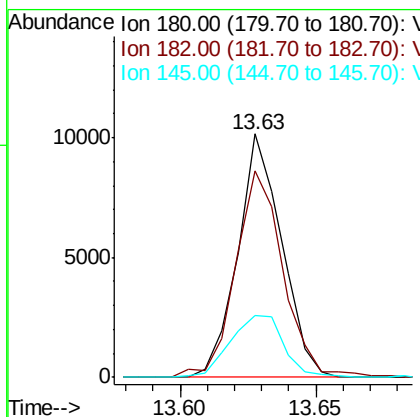
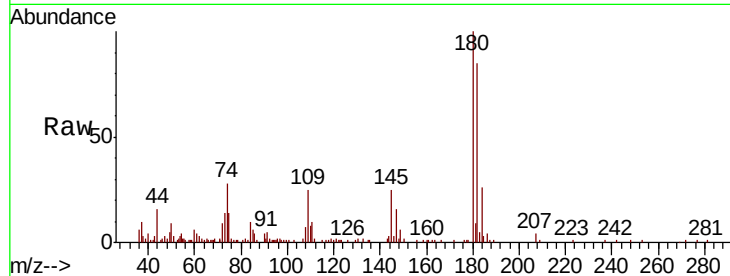




#68  
 1,2,4-trichlorobenzene  
 Concen: 2.131 ug/L  
 RT: 13.63 min Scan# 2057  
 Delta R.T. 0.00 min  
 Lab File: VX018218.D  
 Acq: 02 Sep 2020 15:49

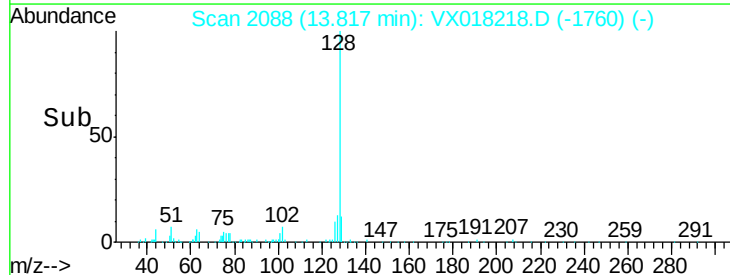
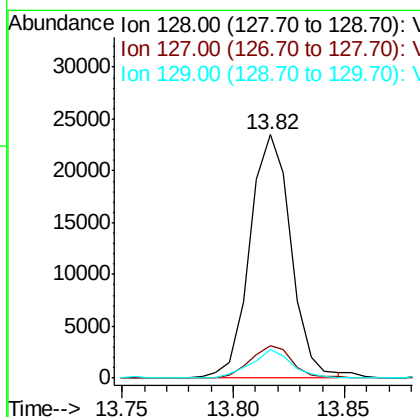
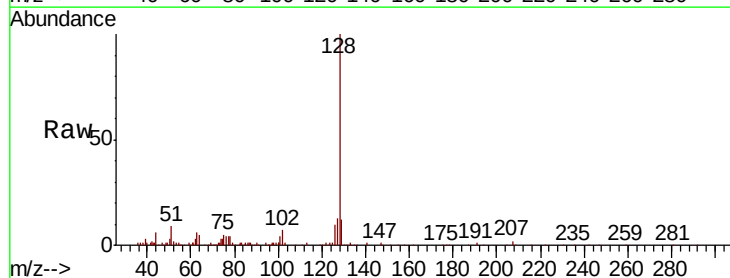
Instrument :  
 MSVOA\_X  
 ClientSampled :  
 MDL06

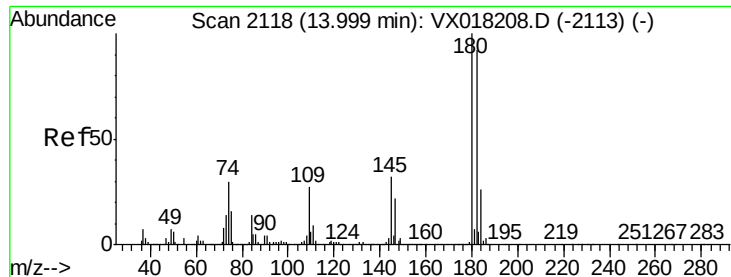
Tot Ion:180 Resp: 11402  
 Ion Ratio Lower Upper  
 180 100  
 182 90.2 74.1 111.1  
 145 30.9 25.0 37.4



#69  
 Naphthalene  
 Concen: 1.788 ug/L  
 RT: 13.82 min Scan# 2088  
 Delta R.T. 0.00 min  
 Lab File: VX018218.D  
 Acq: 02 Sep 2020 15:49

Tgt Ion:128 Resp: 30249  
 Ion Ratio Lower Upper  
 128 100  
 127 13.4 10.0 15.0  
 129 11.4 8.6 12.8





#70

1,2,3-Trichlorobenzene

Concen: 2.045 ug/L

RT: 14.00 min Scan# 2118

Delta R.T. 0.00 min

Lab File: VX018218.D

Acq: 02 Sep 2020 15:49

Instrument :

MSVOA\_X

ClientSampleId :

MDL06

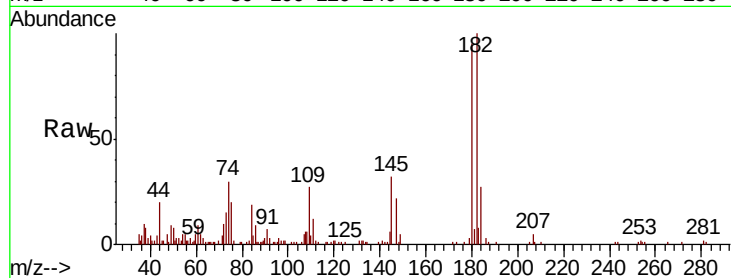
Tot Ion:180 Resp: 10946

Ion Ratio Lower Upper

180 100

182 97.3 77.0 115.4

145 32.9 27.2 40.8



Abundance

Ion 180.00 (179.70 to 180.70): V

Ion 182.00 (181.70 to 182.70): V

Ion 145.00 (144.70 to 145.70): V

