

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX050223\  
 Data File : VX035483.D  
 Acq On : 02 May 2023 16:45  
 Operator : JC/MD  
 Sample : 02533-01  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 19 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 22-MW-3S

Quant Time: May 03 03:16:57 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X042523W.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Apr 25 16:31:40 2023  
 Response via : Initial Calibration

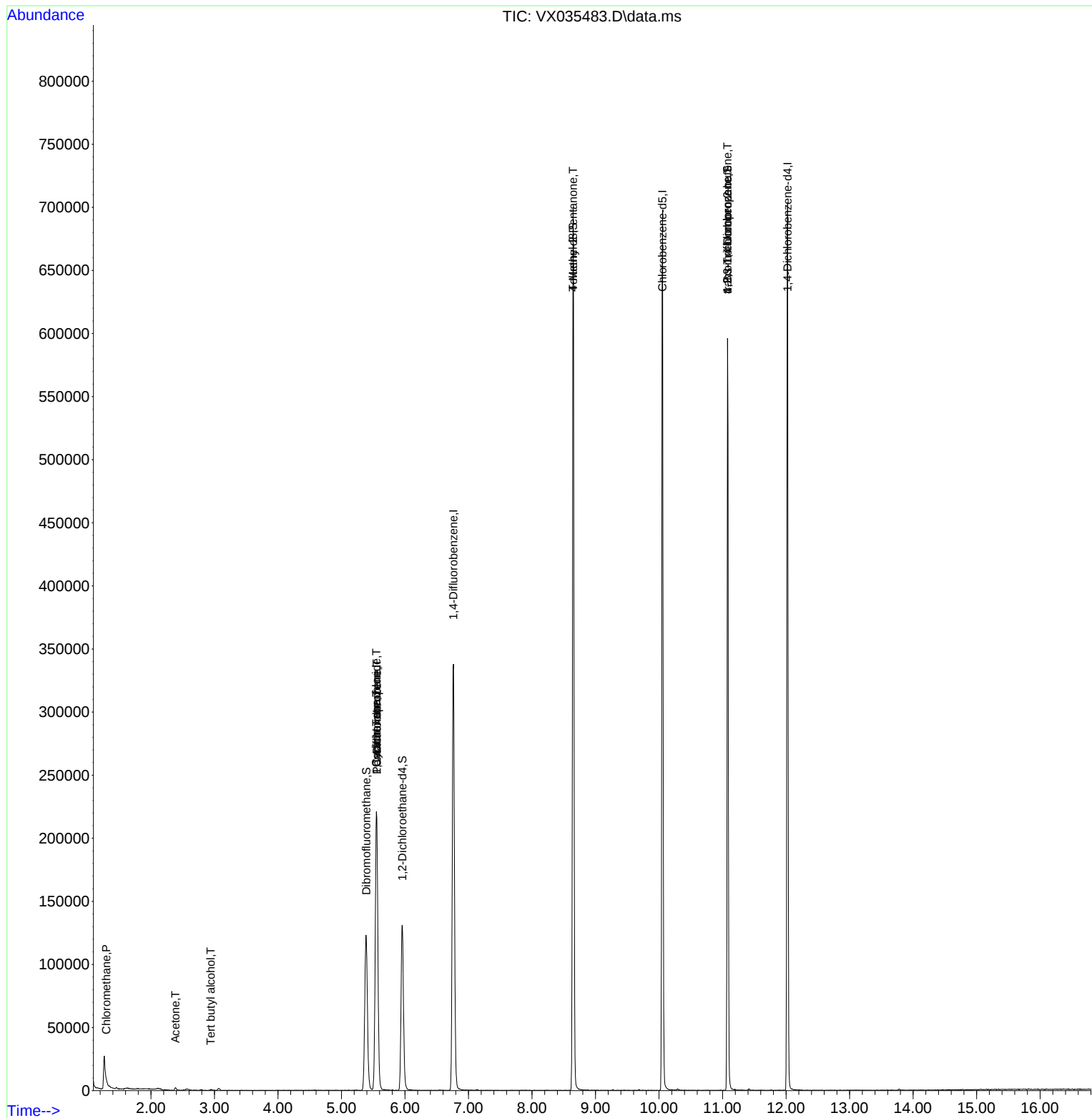
| Compound                      | R.T.   | QIon           | Response | Conc   | Units    | Dev(Min) |
|-------------------------------|--------|----------------|----------|--------|----------|----------|
| -----                         |        |                |          |        |          |          |
| Internal Standards            |        |                |          |        |          |          |
| 1) Pentafluorobenzene         | 5.556  | 168            | 220555   | 50.000 | ug/l     | 0.00     |
| 34) 1,4-Difluorobenzene       | 6.763  | 114            | 359988   | 50.000 | ug/l     | 0.00     |
| 63) Chlorobenzene-d5          | 10.055 | 117            | 330335   | 50.000 | ug/l     | 0.00     |
| 72) 1,4-Dichlorobenzene-d4    | 12.024 | 152            | 158272   | 50.000 | ug/l     | 0.00     |
| System Monitoring Compounds   |        |                |          |        |          |          |
| 33) 1,2-Dichloroethane-d4     | 5.958  | 65             | 130433   | 49.019 | ug/l     | 0.00     |
| Spiked Amount                 | 50.000 | Range 78 - 117 | Recovery | =      | 98.040%  |          |
| 35) Dibromofluoromethane      | 5.391  | 113            | 110099   | 49.830 | ug/l     | 0.00     |
| Spiked Amount                 | 50.000 | Range 75 - 124 | Recovery | =      | 99.660%  |          |
| 50) Toluene-d8                | 8.647  | 98             | 421433   | 50.562 | ug/l     | 0.00     |
| Spiked Amount                 | 50.000 | Range 92 - 112 | Recovery | =      | 101.120% |          |
| 62) 4-Bromofluorobenzene      | 11.079 | 95             | 162987   | 51.982 | ug/l     | 0.00     |
| Spiked Amount                 | 50.000 | Range 83 - 123 | Recovery | =      | 103.960% |          |
| Target Compounds              |        |                |          |        |          |          |
|                               |        |                |          |        | Qvalue   |          |
| 3) Chloromethane              | 1.294  | 50             | 659      | 0.310  | ug/l     | 97       |
| 11) Tert butyl alcohol        | 2.940  | 59             | 252      | 0.520  | ug/l #   | 73       |
| 16) Acetone                   | 2.386  | 43             | 2331     | 2.017  | ug/l     | 95       |
| 31) Cyclohexane               | 5.550  | 56             | 4077     | 1.080  | ug/l #   | 1        |
| 36) 1,1-Dichloropropene       | 5.556  | 75             | 15614    | 4.526  | ug/l #   | 50       |
| 38) Carbon Tetrachloride      | 5.550  | 117            | 22268    | 6.799  | ug/l #   | 16       |
| 51) 4-Methyl-2-Pentanone      | 8.647  | 43             | 1783     | 0.548  | ug/l #   | 1        |
| 76) 1,2,3-Trichloropropane    | 11.079 | 75             | 79040    | 25.035 | ug/l #   | 34       |
| 81) trans-1,4-Dichloro-2-b... | 11.079 | 75             | 79040    | 81.084 | ug/l #   | 8        |
| -----                         |        |                |          |        |          |          |

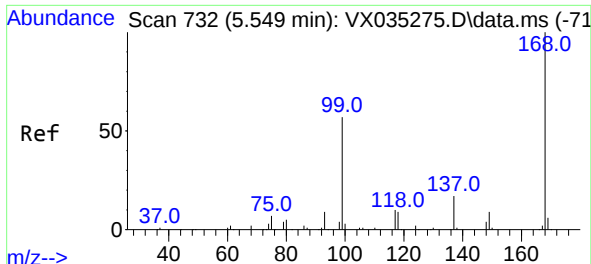
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Instrument :  
MSVOA\_X  
ClientSampleId :  
22-MW-3S

Quant Time: May 03 03:16:57 2023  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X042523W.M  
Quant Title : SW846 8260  
QLast Update : Tue Apr 25 16:31:40 2023  
Response via : Initial Calibration

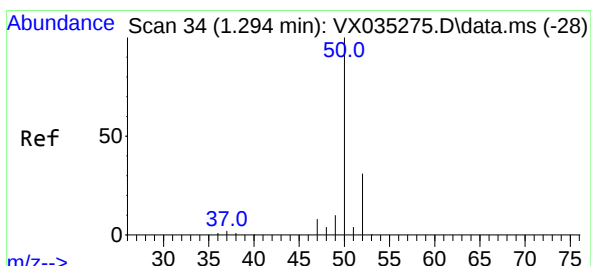
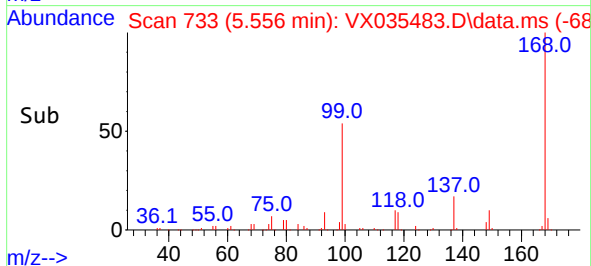
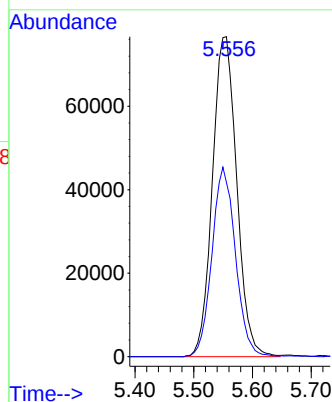
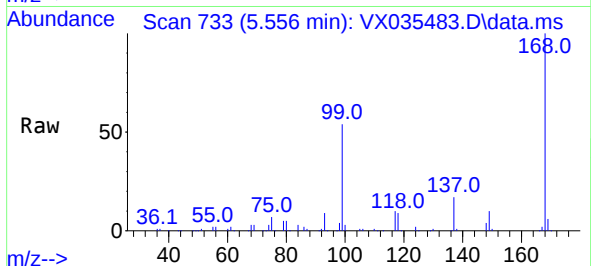




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.556 min Scan# 71  
Delta R.T. 0.007 min  
Lab File: VX035483.D  
Acq: 02 May 2023 16:45

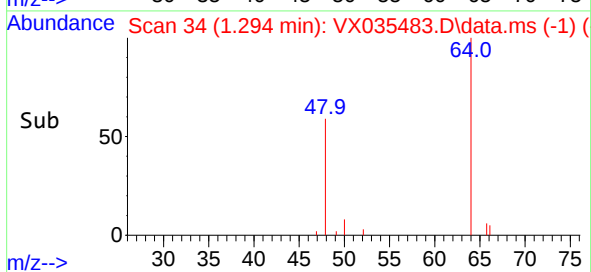
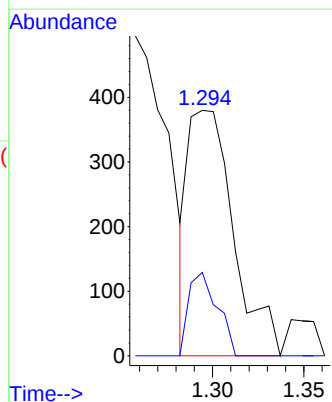
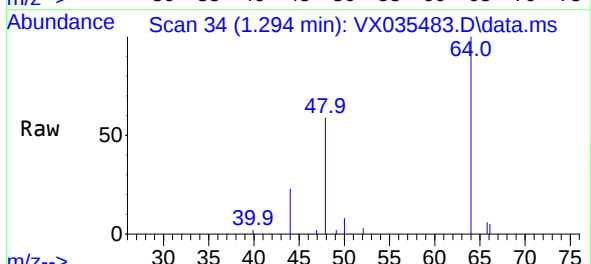
Instrument :  
MSVOA\_X  
ClientSampleId :  
22-MW-3S

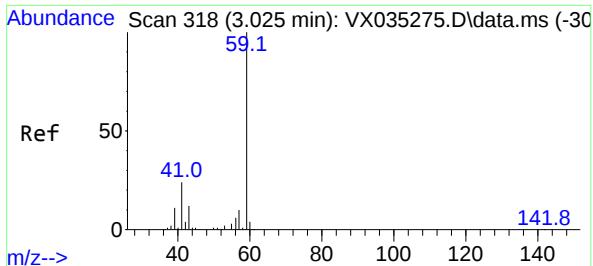
Tgt Ion:168 Resp: 220555  
Ion Ratio Lower Upper  
168 100  
99 54.5 45.7 68.5



#3  
Chloromethane  
Concen: 0.310 ug/l  
RT: 1.294 min Scan# 34  
Delta R.T. 0.000 min  
Lab File: VX035483.D  
Acq: 02 May 2023 16:45

Tgt Ion: 50 Resp: 659  
Ion Ratio Lower Upper  
50 100  
52 33.9 25.9 38.9





#11

Tert butyl alcohol

Concen: 0.520 ug/l

RT: 2.940 min Scan# 30

Delta R.T. -0.085 min

Lab File: VX035483.D

Acq: 02 May 2023 16:45

Instrument :

MSVOA\_X

ClientSampleId :

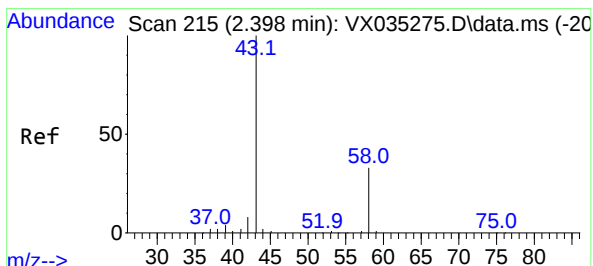
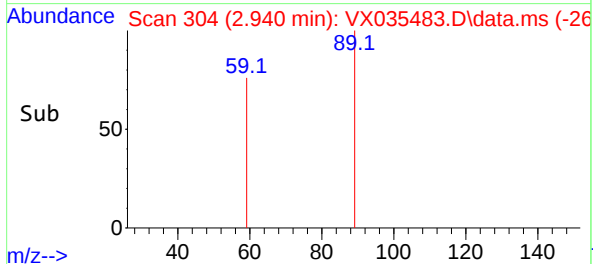
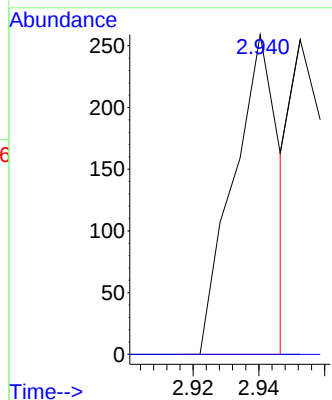
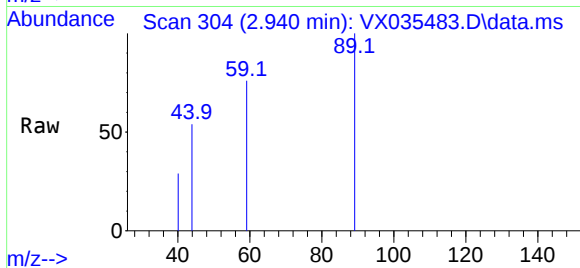
22-MW-3S

Tgt Ion: 59 Resp: 252

Ion Ratio Lower Upper

59 100

57 0.0 8.1 12.1#



#16

Acetone

Concen: 2.017 ug/l

RT: 2.386 min Scan# 213

Delta R.T. -0.012 min

Lab File: VX035483.D

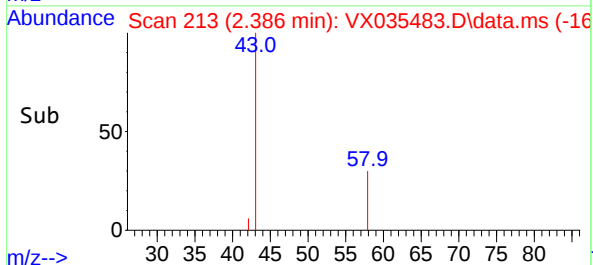
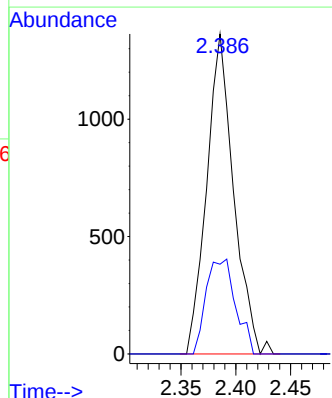
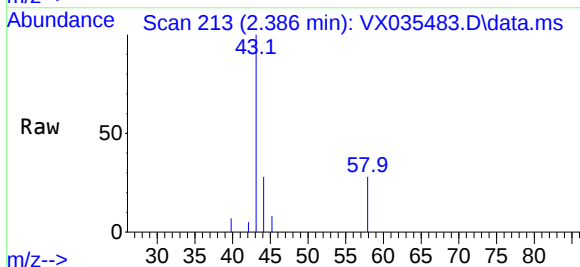
Acq: 02 May 2023 16:45

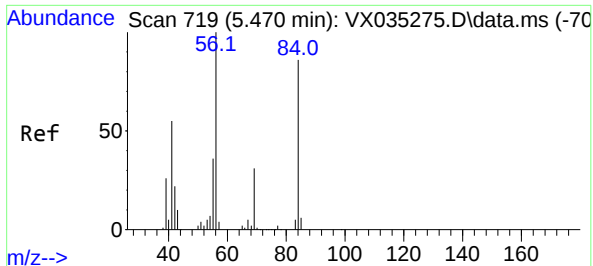
Tgt Ion: 43 Resp: 2331

Ion Ratio Lower Upper

43 100

58 28.0 24.7 37.1

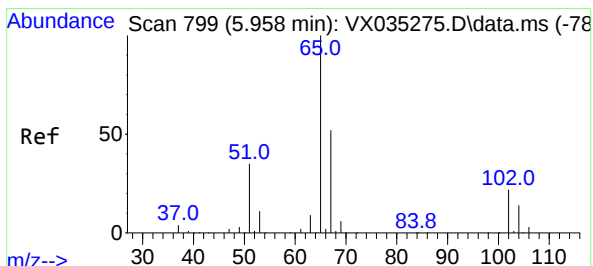
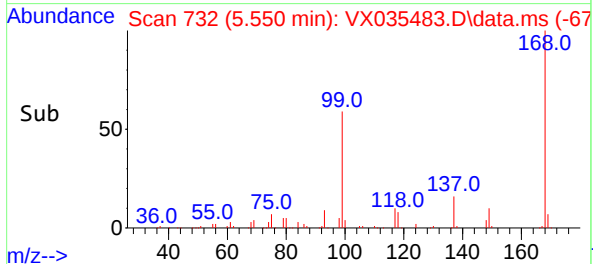
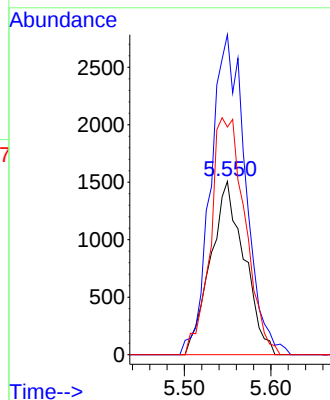
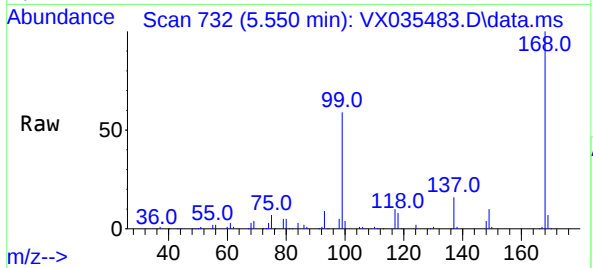




#31  
Cyclohexane  
Concen: 1.080 ug/l  
RT: 5.550 min Scan# 719  
Delta R.T. 0.080 min  
Lab File: VX035483.D  
Acq: 02 May 2023 16:45

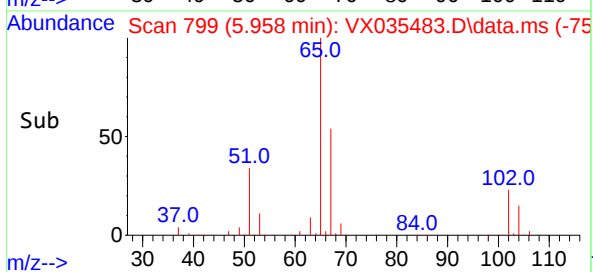
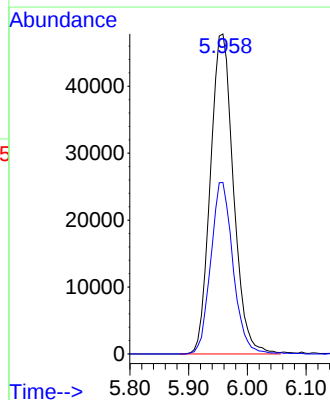
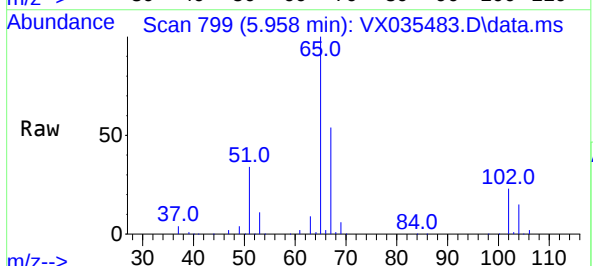
Instrument :  
MSVOA\_X  
ClientSampleId :  
22-MW-3S

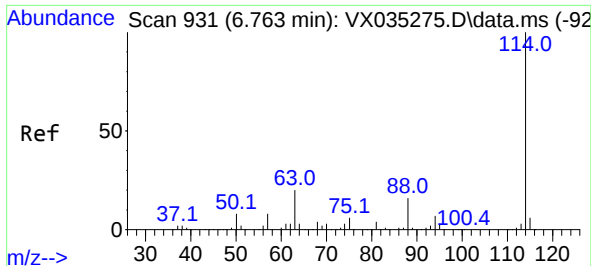
Tgt Ion: 56 Resp: 4077  
Ion Ratio Lower Upper  
56 100  
69 184.6 23.7 35.5#  
84 131.4 68.5 102.7#



#33  
1,2-Dichloroethane-d4  
Concen: 49.019 ug/l  
RT: 5.958 min Scan# 799  
Delta R.T. 0.000 min  
Lab File: VX035483.D  
Acq: 02 May 2023 16:45

Tgt Ion: 65 Resp: 130433  
Ion Ratio Lower Upper  
65 100  
67 52.0 0.0 104.0

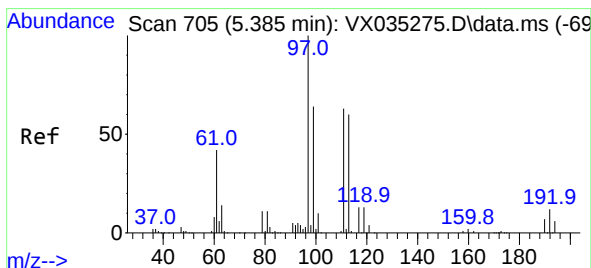
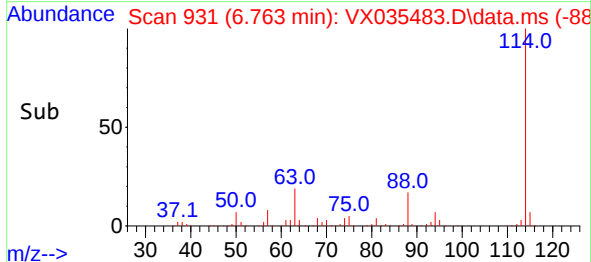
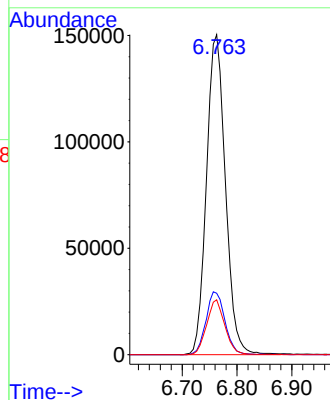
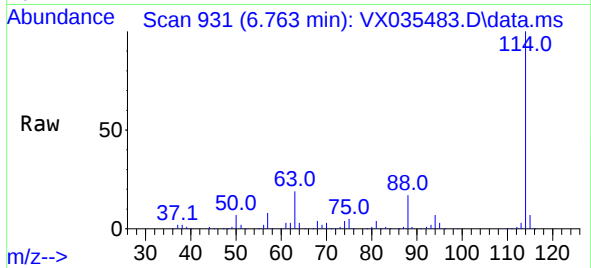




#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 6.763 min Scan# 91  
Delta R.T. -0.000 min  
Lab File: VX035483.D  
Acq: 02 May 2023 16:45

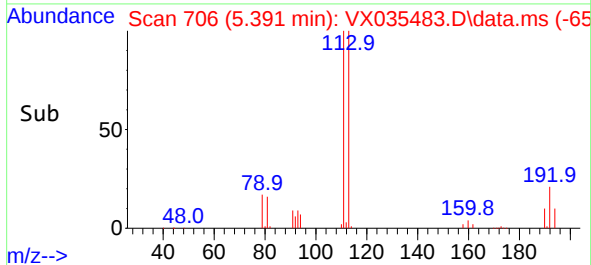
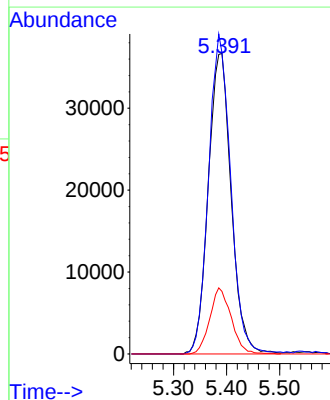
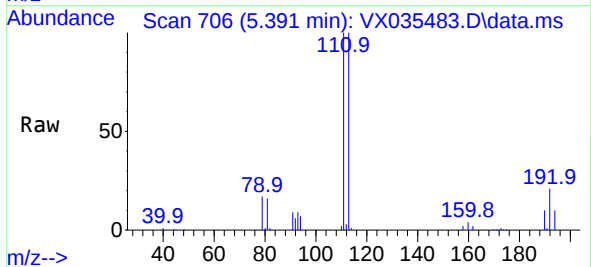
Instrument :  
MSVOA\_X  
ClientSampleId :  
22-MW-3S

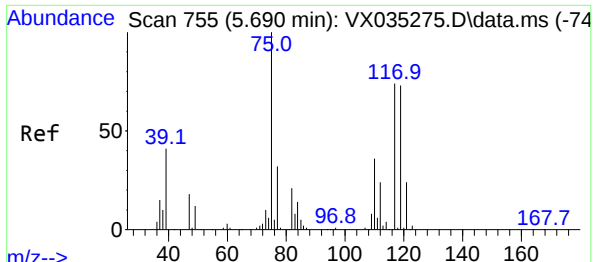
Tgt Ion:114 Resp: 359988  
Ion Ratio Lower Upper  
114 100  
63 19.2 0.0 42.2  
88 17.2 0.0 33.2



#35  
Dibromofluoromethane  
Concen: 49.830 ug/l  
RT: 5.391 min Scan# 706  
Delta R.T. 0.006 min  
Lab File: VX035483.D  
Acq: 02 May 2023 16:45

Tgt Ion:113 Resp: 110099  
Ion Ratio Lower Upper  
113 100  
111 102.8 83.7 125.5  
192 20.6 15.4 23.2

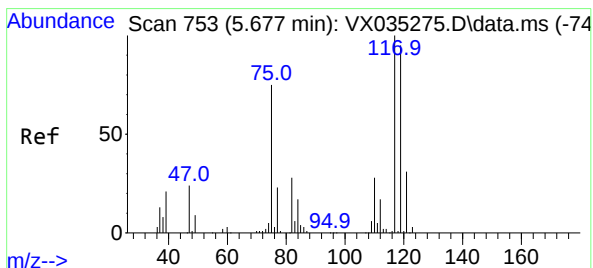
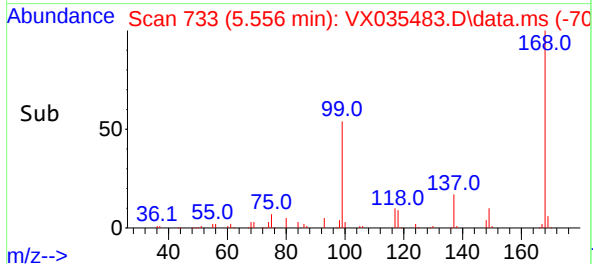
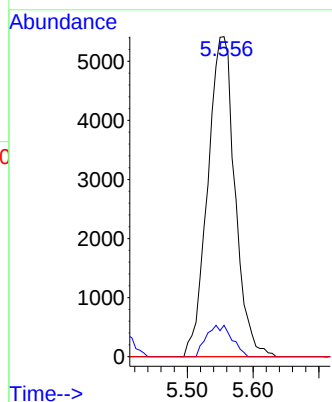
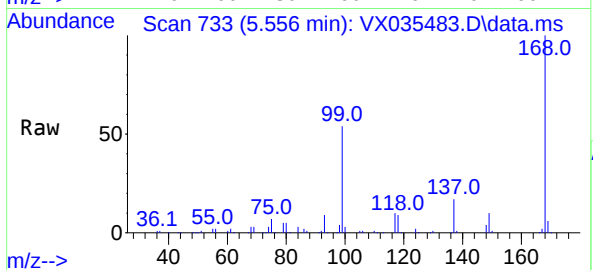




#36  
1,1-Dichloropropene  
Concen: 4.526 ug/l  
RT: 5.556 min Scan# 71  
Delta R.T. -0.134 min  
Lab File: VX035483.D  
Acq: 02 May 2023 16:45

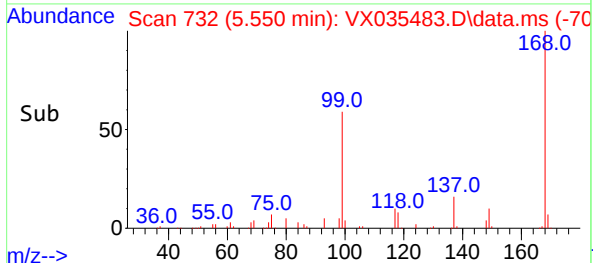
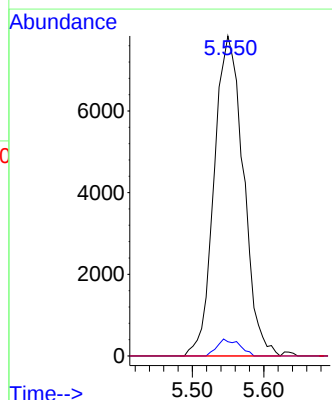
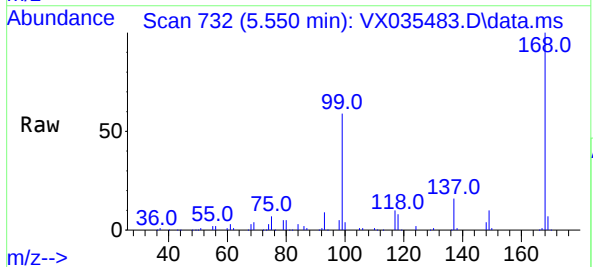
Instrument :  
MSVOA\_X  
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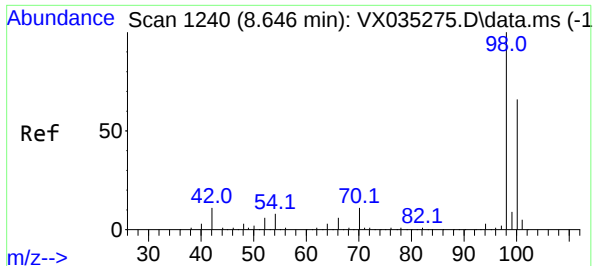
Tgt Ion: 75 Resp: 15614  
Ion Ratio Lower Upper  
75 100  
110 9.2 17.5 52.5#  
77 0.0 24.3 36.5#



#38  
Carbon Tetrachloride  
Concen: 6.799 ug/l  
RT: 5.550 min Scan# 732  
Delta R.T. -0.127 min  
Lab File: VX035483.D  
Acq: 02 May 2023 16:45

Tgt Ion: 117 Resp: 22268  
Ion Ratio Lower Upper  
117 100  
119 4.5 76.6 114.8#  
121 0.0 23.8 35.6#





#50

Toluene-d8

Concen: 50.562 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.001 min

Lab File: VX035483.D

Acq: 02 May 2023 16:45

Instrument :

MSVOA\_X

ClientSampleId :

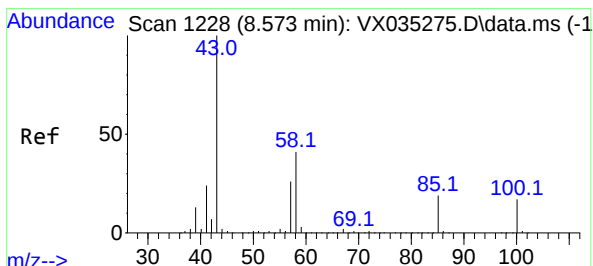
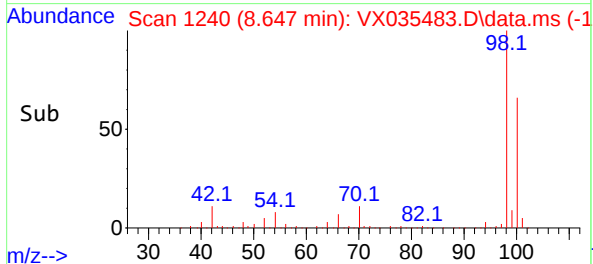
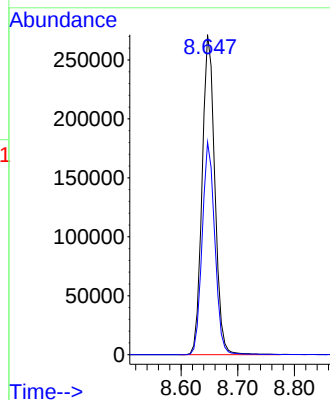
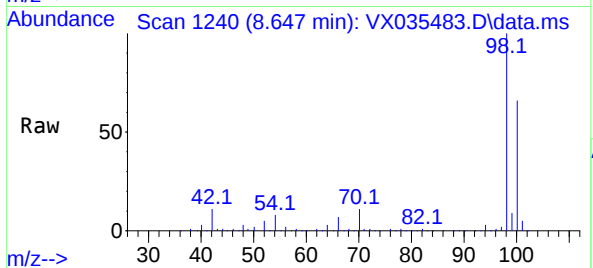
22-MW-3S

Tgt Ion: 98 Resp: 421433

Ion Ratio Lower Upper

98 100

100 66.2 52.5 78.7



#51

4-Methyl-2-Pentanone

Concen: 0.548 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.074 min

Lab File: VX035483.D

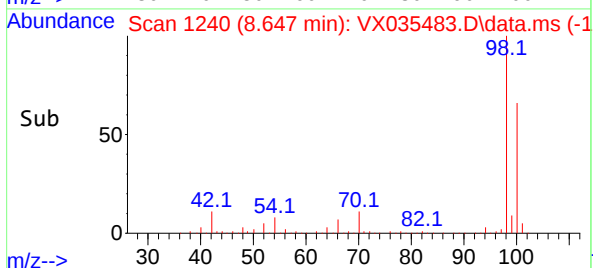
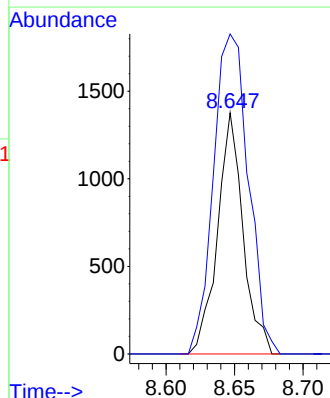
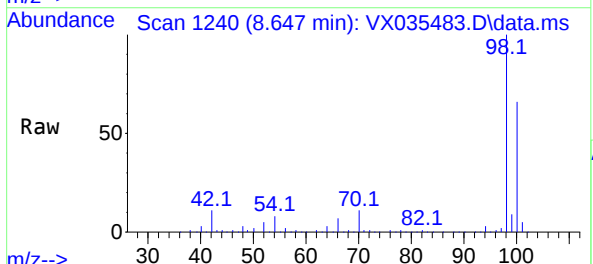
Acq: 02 May 2023 16:45

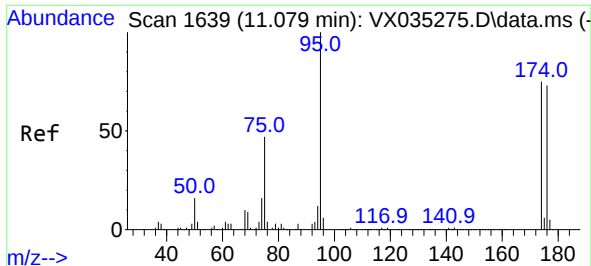
Tgt Ion: 43 Resp: 1783

Ion Ratio Lower Upper

43 100

58 181.7 30.6 46.0#

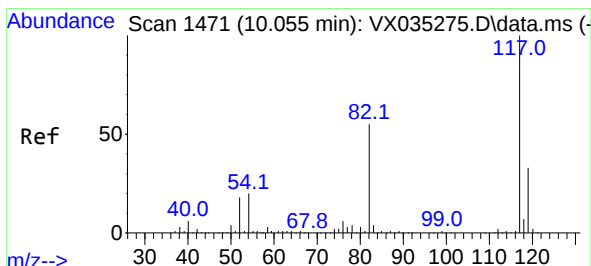
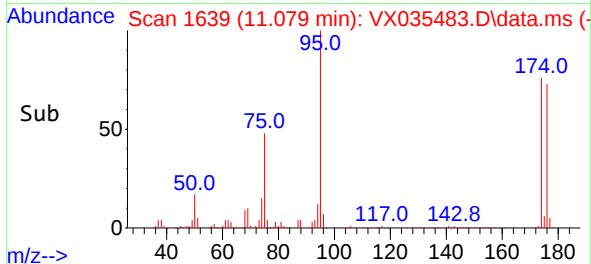
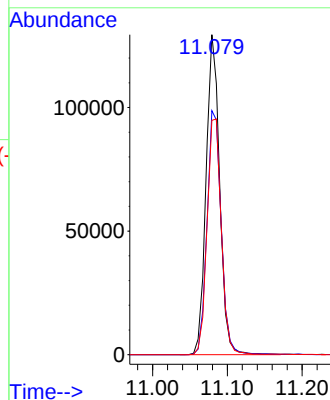
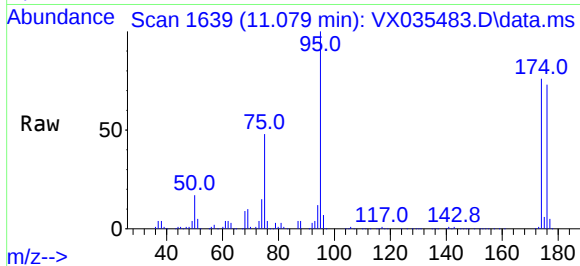




#62  
4-Bromofluorobenzene  
Concen: 51.982 ug/l  
RT: 11.079 min Scan# 1639  
Delta R.T. 0.000 min  
Lab File: VX035483.D  
Acq: 02 May 2023 16:45

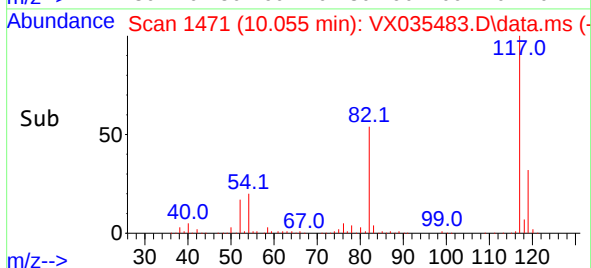
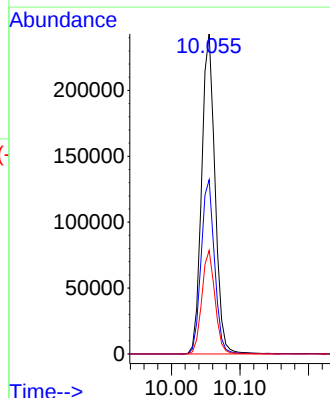
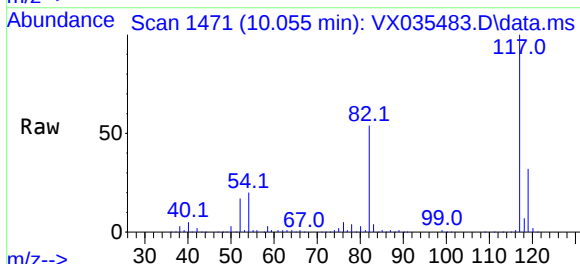
Instrument :  
MSVOA\_X  
ClientSampleId :  
22-MW-3S

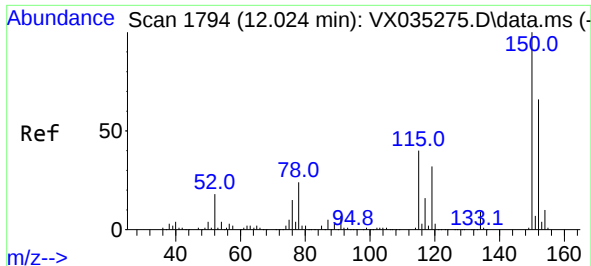
Tgt Ion: 95 Resp: 162987  
Ion Ratio Lower Upper  
95 100  
174 79.6 0.0 147.4  
176 77.4 0.0 140.6



#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.055 min Scan# 1471  
Delta R.T. -0.000 min  
Lab File: VX035483.D  
Acq: 02 May 2023 16:45

Tgt Ion: 117 Resp: 330335  
Ion Ratio Lower Upper  
117 100  
82 54.5 45.0 67.4  
119 32.4 26.0 39.0

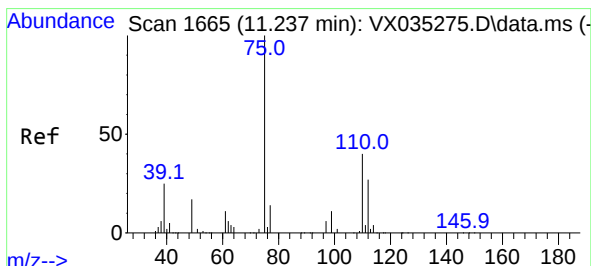
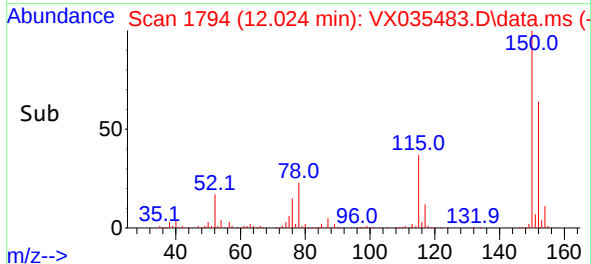
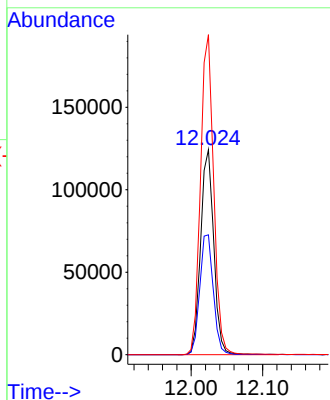
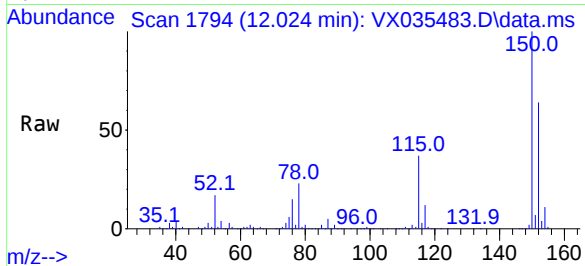




#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 12.024 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VX035483.D  
Acq: 02 May 2023 16:45

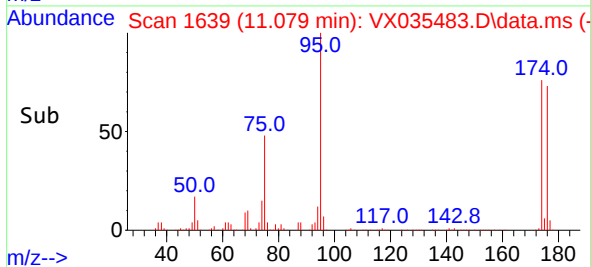
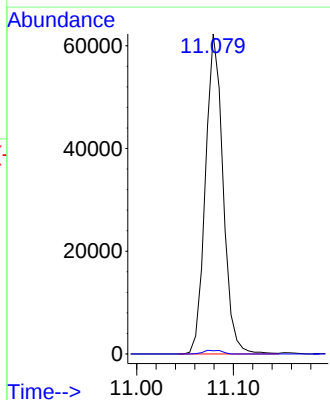
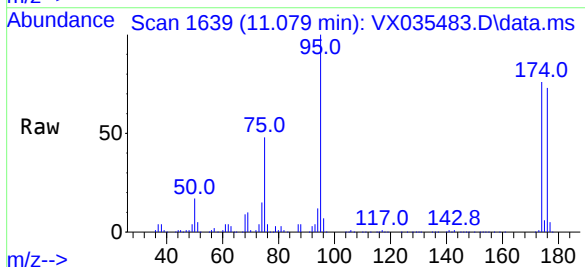
Instrument :  
MSVOA\_X  
ClientSampleId :  
22-MW-3S

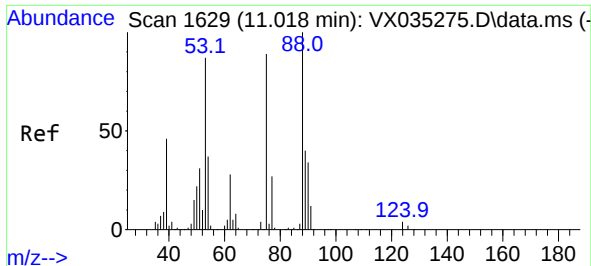
Tgt Ion:152 Resp: 158272  
Ion Ratio Lower Upper  
152 100  
115 60.5 45.0 135.0  
150 157.3 0.0 352.4



#76  
1,2,3-Trichloropropane  
Concen: 25.035 ug/l  
RT: 11.079 min Scan# 1639  
Delta R.T. -0.158 min  
Lab File: VX035483.D  
Acq: 02 May 2023 16:45

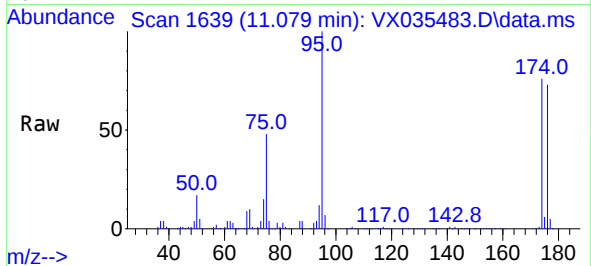
Tgt Ion: 75 Resp: 79040  
Ion Ratio Lower Upper  
75 100  
77 1.2 21.6 64.8#





#81  
trans-1,4-Dichloro-2-butene  
Concen: 81.084 ug/l  
RT: 11.079 min Scan# 1  
Delta R.T. 0.061 min  
Lab File: VX035483.D  
Acq: 02 May 2023 16:45

Instrument :  
MSVOA\_X  
ClientSampleId :  
22-MW-3S



Tgt Ion: 75 Resp: 79040  
Ion Ratio Lower Upper  
75 100  
53 0.0 82.6 124.0#  
89 0.0 36.9 55.3#

