

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX060223\  
 Data File : VX035983.D  
 Acq On : 02 Jun 2023 14:54  
 Operator : JC/MD  
 Sample : 03022-02  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 BP-VPB-RW11-GW-518-520

Quant Time: Jun 05 01:35:51 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X053123W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed May 31 12:50:30 2023  
 Response via : Initial Calibration

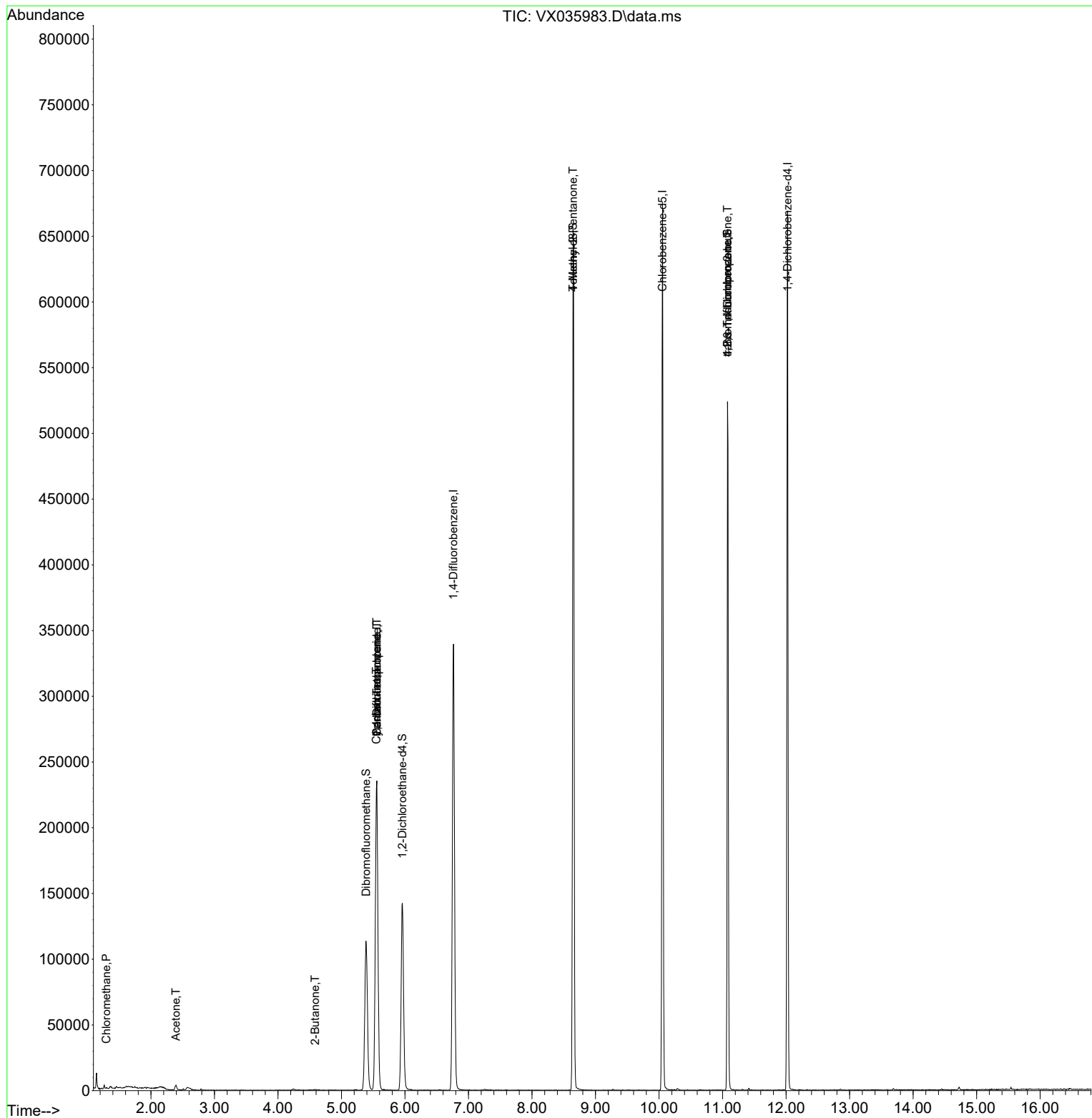
| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|--------|----------|
| -----                         |        |       |          |          |        |          |
| Internal Standards            |        |       |          |          |        |          |
| 1) Pentafluorobenzene         | 5.556  | 168   | 203540   | 50.000   | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene       | 6.763  | 114   | 329105   | 50.000   | ug/l   | 0.00     |
| 63) Chlorobenzene-d5          | 10.055 | 117   | 286929   | 50.000   | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4    | 12.024 | 152   | 130916   | 50.000   | ug/l   | 0.00     |
| System Monitoring Compounds   |        |       |          |          |        |          |
| 33) 1,2-Dichloroethane-d4     | 5.958  | 65    | 142364   | 43.073   | ug/l   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 78 - 117 | Recovery | =      | 86.140%  |
| 35) Dibromofluoromethane      | 5.385  | 113   | 101303   | 45.765   | ug/l   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 75 - 124 | Recovery | =      | 91.540%  |
| 50) Toluene-d8                | 8.647  | 98    | 383350   | 48.255   | ug/l   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 92 - 112 | Recovery | =      | 96.500%  |
| 62) 4-Bromofluorobenzene      | 11.079 | 95    | 143016   | 45.604   | ug/l   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 83 - 123 | Recovery | =      | 91.200%  |
| Target Compounds              |        |       |          |          |        |          |
|                               |        |       |          |          | Qvalue |          |
| 3) Chloromethane              | 1.294  | 50    | 543      | 0.214    | ug/l   | 92       |
| 16) Acetone                   | 2.392  | 43    | 4612     | 3.382    | ug/l # | 88       |
| 25) 2-Butanone                | 4.586  | 43    | 524      | 0.268    | ug/l   | 92       |
| 31) Cyclohexane               | 5.550  | 56    | 4906     | 1.418    | ug/l # | 1        |
| 36) 1,1-Dichloropropene       | 5.556  | 75    | 18589    | 6.298    | ug/l # | 51       |
| 38) Carbon Tetrachloride      | 5.556  | 117   | 23220    | 8.073    | ug/l # | 17       |
| 51) 4-Methyl-2-Pentanone      | 8.647  | 43    | 1897     | 0.575    | ug/l # | 1        |
| 76) 1,2,3-Trichloropropane    | 11.079 | 75    | 75659    | 25.623   | ug/l # | 35       |
| 81) trans-1,4-Dichloro-2-b... | 11.079 | 75    | 75659    | 86.308   | ug/l # | 3        |
| -----                         |        |       |          |          |        |          |

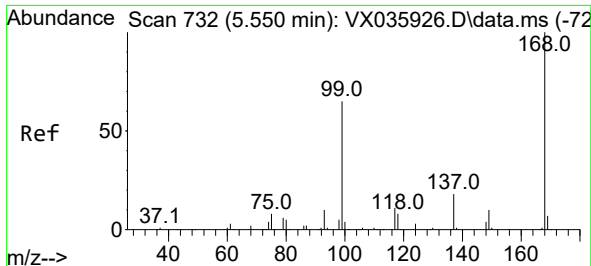
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 15 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
BP-VPB-RW11-GW-518-520

Quant Time: Jun 05 01:35:51 2023  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X053123W.M  
Quant Title : SW846 8260  
QLast Update : Wed May 31 12:50:30 2023  
Response via : Initial Calibration

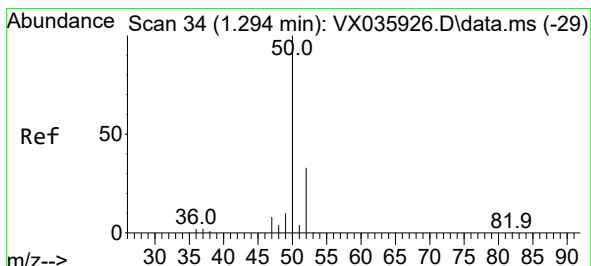
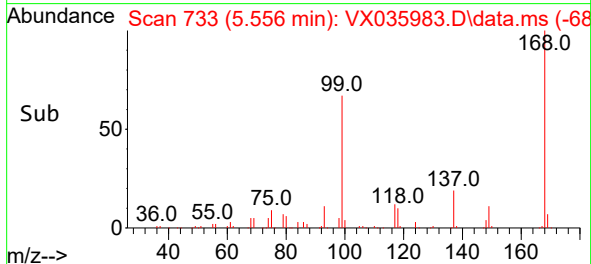
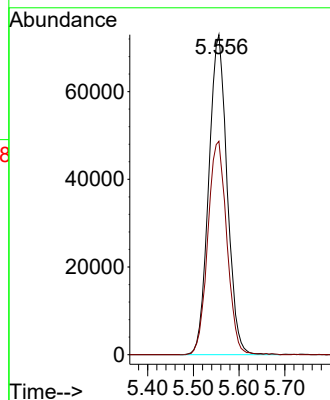
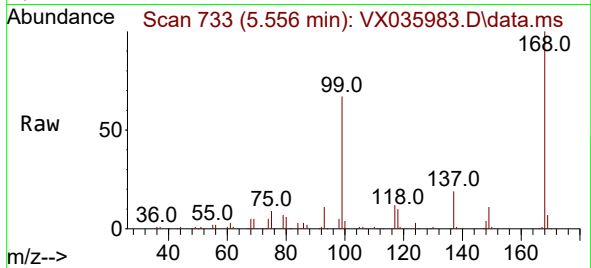




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.556 min Scan# 71  
Delta R.T. 0.007 min  
Lab File: VX035983.D  
Acq: 02 Jun 2023 14:54

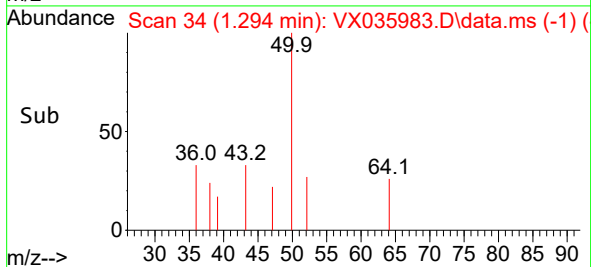
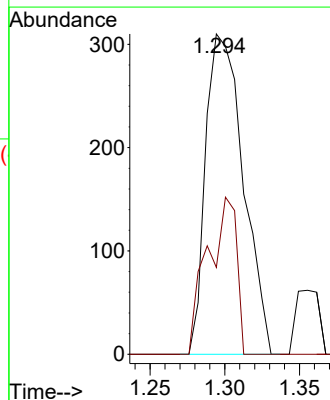
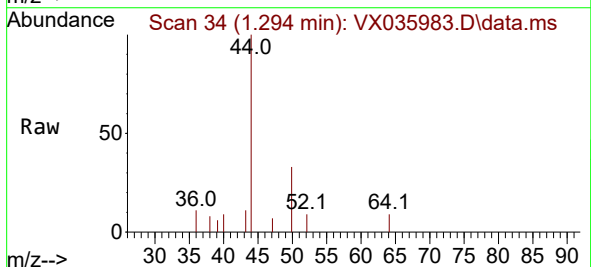
Instrument :  
MSVOA\_X  
ClientSampleId :  
BP-VPB-RW11-GW-518-520

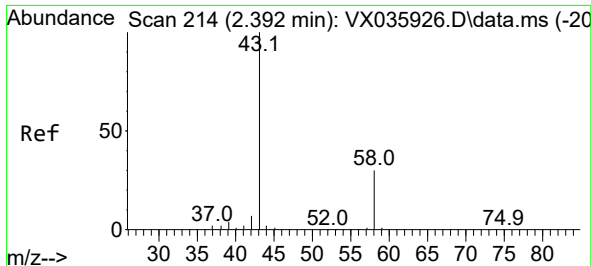
Tgt Ion:168 Resp: 203540  
Ion Ratio Lower Upper  
168 100  
99 66.7 57.0 85.6



#3  
Chloromethane  
Concen: 0.214 ug/l  
RT: 1.294 min Scan# 34  
Delta R.T. 0.000 min  
Lab File: VX035983.D  
Acq: 02 Jun 2023 14:54

Tgt Ion: 50 Resp: 543  
Ion Ratio Lower Upper  
50 100  
52 27.1 25.4 38.2

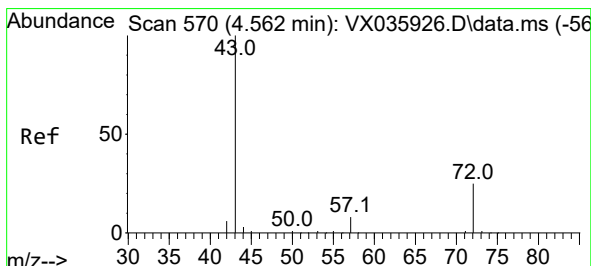
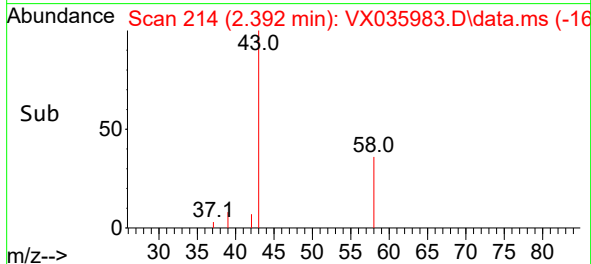
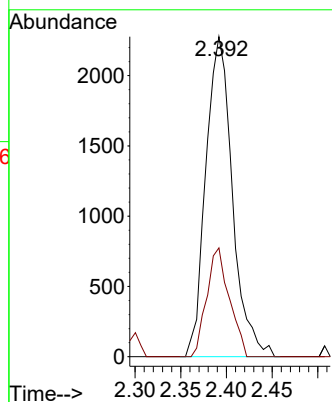
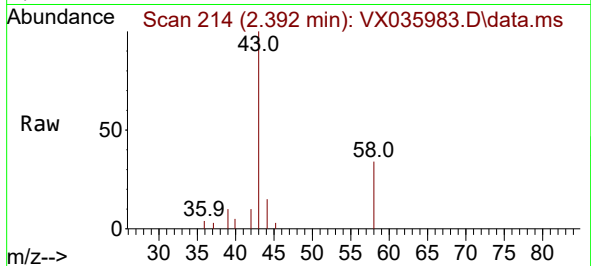




#16  
Acetone  
Concen: 3.382 ug/l  
RT: 2.392 min Scan# 214  
Delta R.T. 0.001 min  
Lab File: VX035983.D  
Acq: 02 Jun 2023 14:54

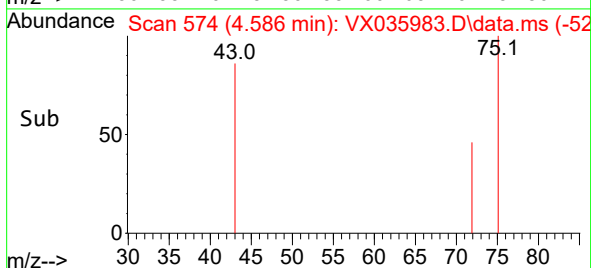
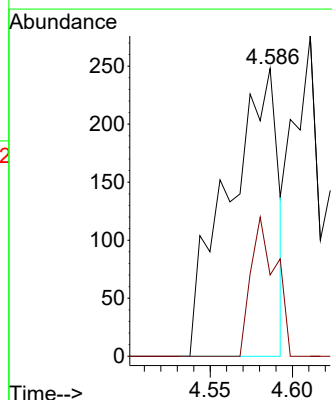
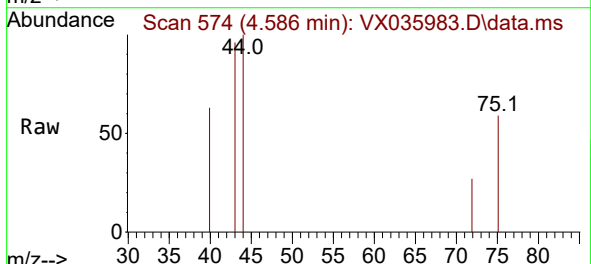
Instrument : MSVOA\_X  
ClientSampleId : BP-VPB-RW11-GW-518-520

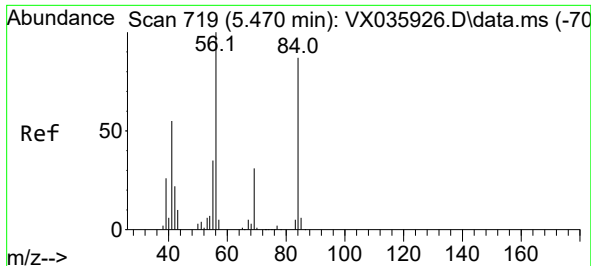
Tgt Ion: 43 Resp: 4612  
Ion Ratio Lower Upper  
43 100  
58 34.0 22.2 33.2#



#25  
2-Butanone  
Concen: 0.268 ug/l  
RT: 4.586 min Scan# 574  
Delta R.T. 0.024 min  
Lab File: VX035983.D  
Acq: 02 Jun 2023 14:54

Tgt Ion: 43 Resp: 524  
Ion Ratio Lower Upper  
43 100  
72 28.2 19.4 29.2

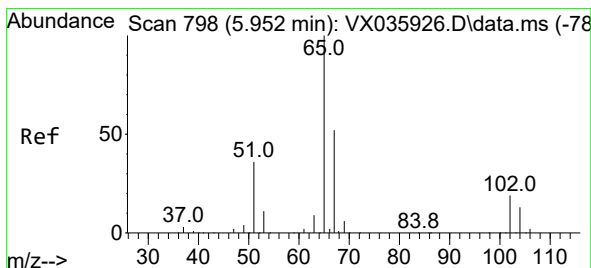
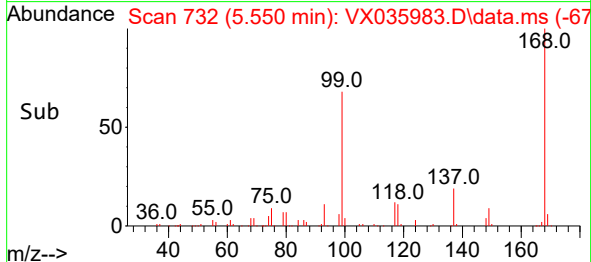
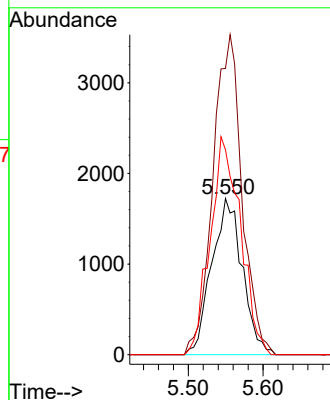
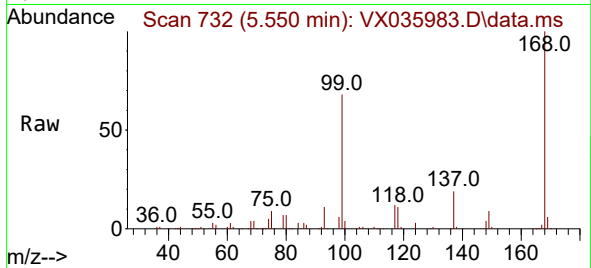




#31  
Cyclohexane  
Concen: 1.418 ug/l  
RT: 5.550 min Scan# 719  
Delta R.T. 0.080 min  
Lab File: VX035983.D  
Acq: 02 Jun 2023 14:54

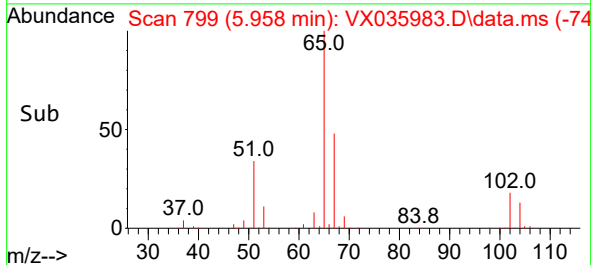
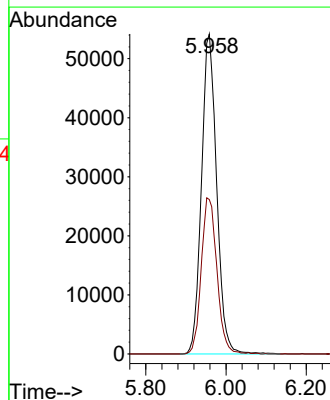
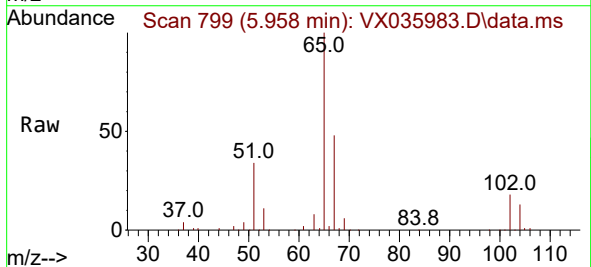
Instrument :  
MSVOA\_X  
ClientSampleId :  
BP-VPB-RW11-GW-518-520

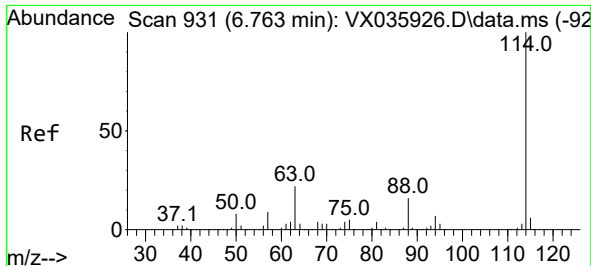
Tgt Ion: 56 Resp: 4906  
Ion Ratio Lower Upper  
56 100  
69 183.3 25.9 38.9#  
84 131.1 67.6 101.4#



#33  
1,2-Dichloroethane-d4  
Concen: 43.073 ug/l  
RT: 5.958 min Scan# 799  
Delta R.T. 0.006 min  
Lab File: VX035983.D  
Acq: 02 Jun 2023 14:54

Tgt Ion: 65 Resp: 142364  
Ion Ratio Lower Upper  
65 100  
67 50.2 0.0 99.6

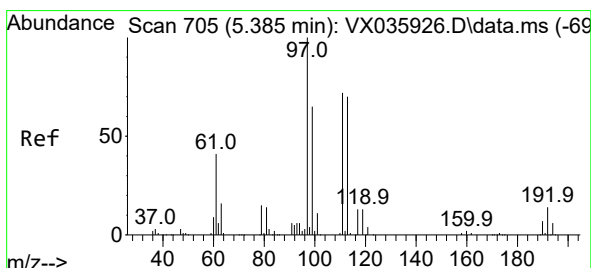
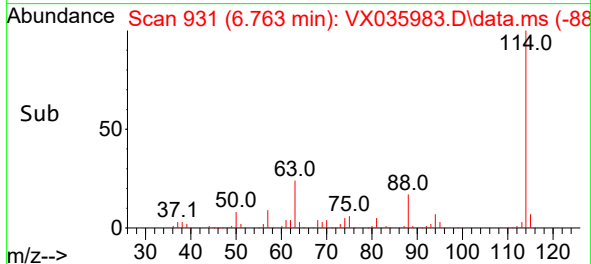
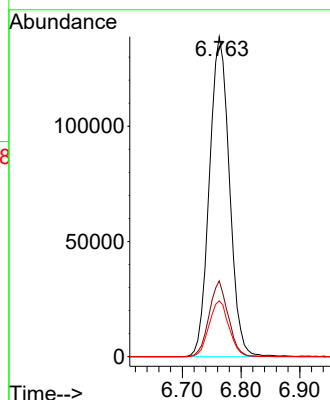
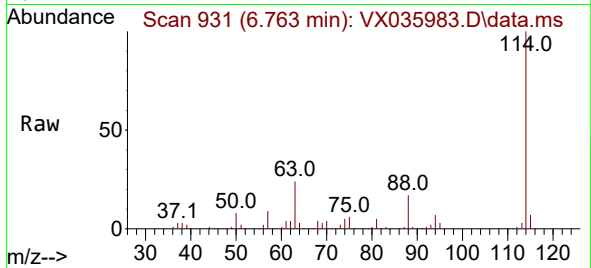




#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 6.763 min Scan# 91  
Delta R.T. -0.000 min  
Lab File: VX035983.D  
Acq: 02 Jun 2023 14:54

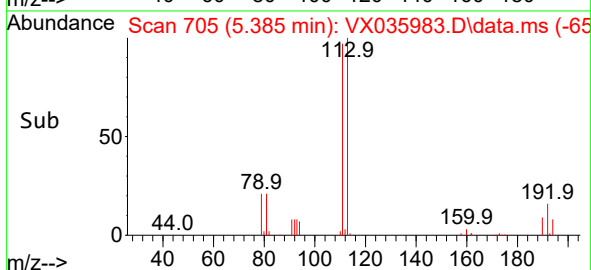
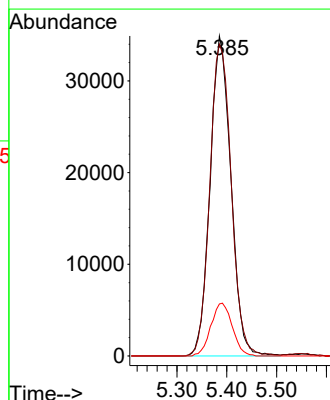
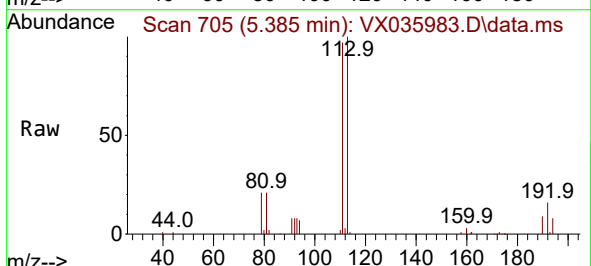
Instrument :  
MSVOA\_X  
ClientSampleId :  
BP-VPB-RW11-GW-518-520

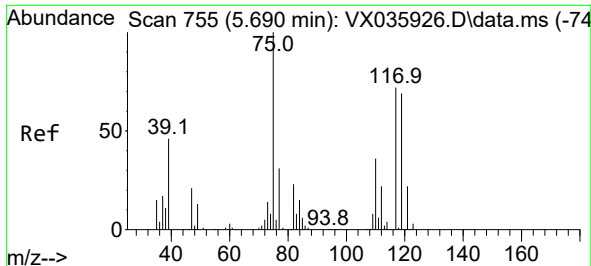
Tgt Ion:114 Resp: 329105  
Ion Ratio Lower Upper  
114 100  
63 23.7 0.0 46.0  
88 17.4 0.0 35.2



#35  
Dibromofluoromethane  
Concen: 45.765 ug/l  
RT: 5.385 min Scan# 705  
Delta R.T. 0.000 min  
Lab File: VX035983.D  
Acq: 02 Jun 2023 14:54

Tgt Ion:113 Resp: 101303  
Ion Ratio Lower Upper  
113 100  
111 100.5 81.7 122.5  
192 16.9 13.5 20.3

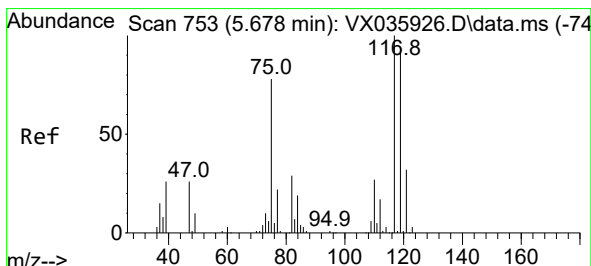
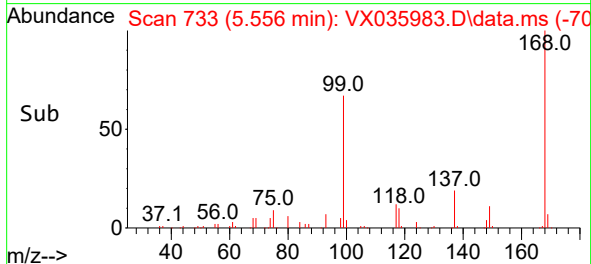
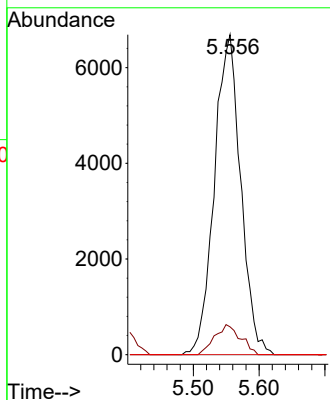
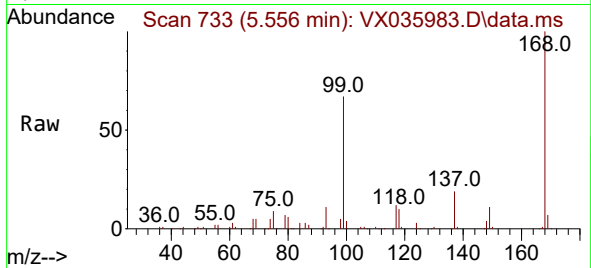




#36  
1,1-Dichloropropene  
Concen: 6.298 ug/l  
RT: 5.556 min Scan# 713  
Delta R.T. -0.134 min  
Lab File: VX035983.D  
Acq: 02 Jun 2023 14:54

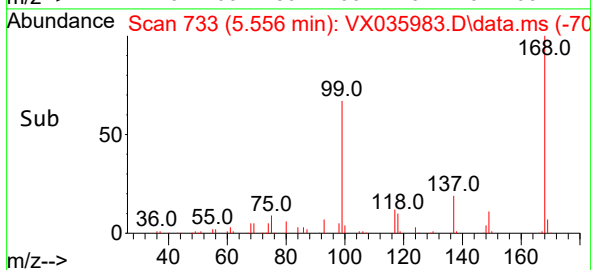
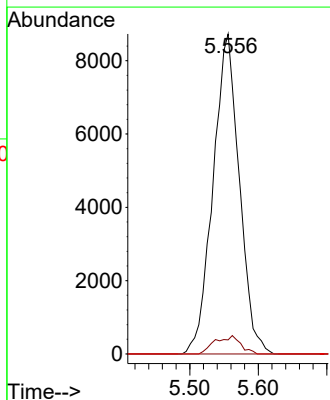
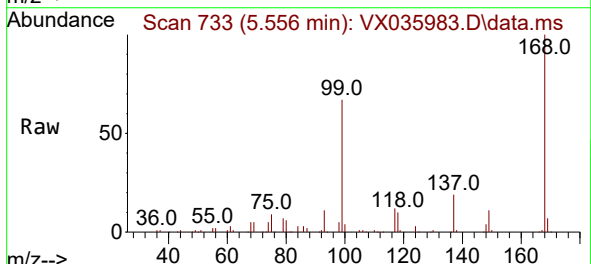
Instrument :  
MSVOA\_X  
ClientSampleId :  
BP-VPB-RW11-GW-518-520

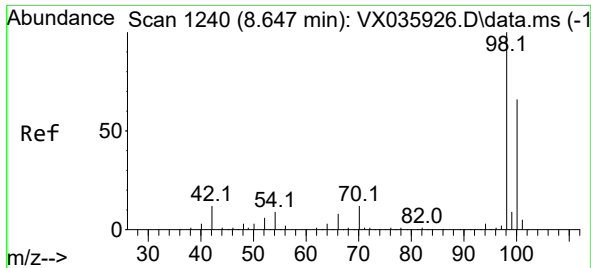
Tgt Ion: 75 Resp: 18589  
Ion Ratio Lower Upper  
75 100  
110 9.2 16.6 49.7#  
77 0.0 24.4 36.6#



#38  
Carbon Tetrachloride  
Concen: 8.073 ug/l  
RT: 5.556 min Scan# 733  
Delta R.T. -0.121 min  
Lab File: VX035983.D  
Acq: 02 Jun 2023 14:54

Tgt Ion: 117 Resp: 23220  
Ion Ratio Lower Upper  
117 100  
119 4.4 74.1 111.1#  
121 0.0 25.0 37.4#

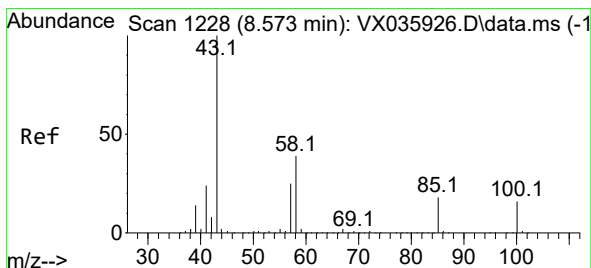
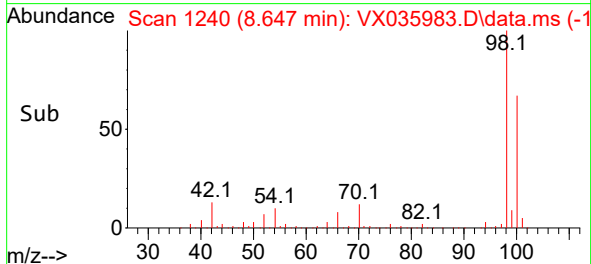
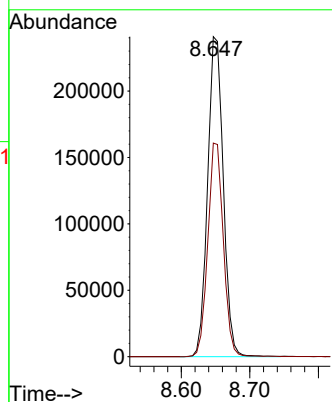
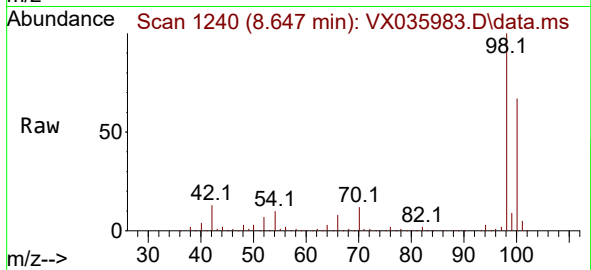




#50  
Toluene-d8  
Concen: 48.255 ug/l  
RT: 8.647 min Scan# 1240  
Delta R.T. 0.001 min  
Lab File: VX035983.D  
Acq: 02 Jun 2023 14:54

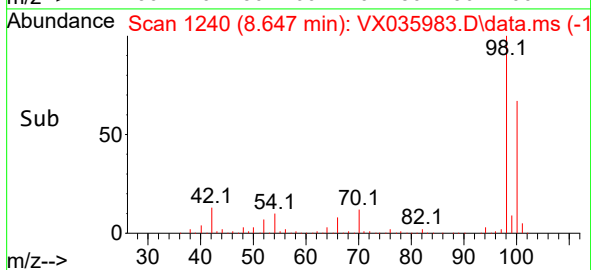
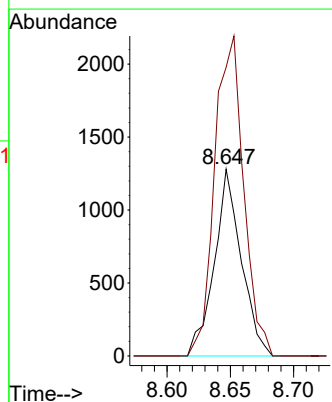
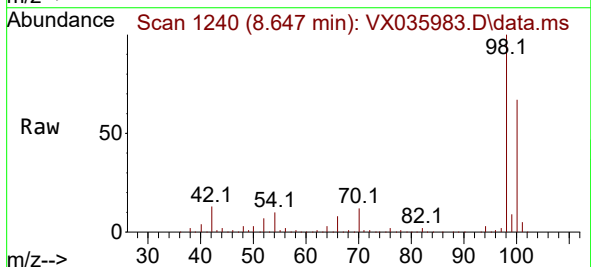
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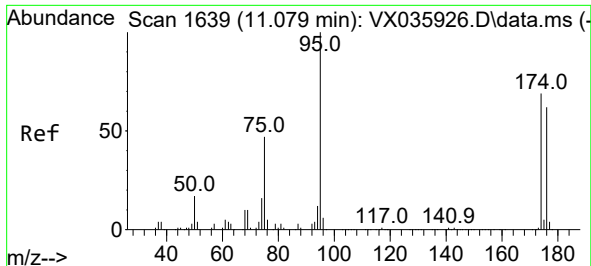
Tgt Ion: 98 Resp: 383350  
Ion Ratio Lower Upper  
98 100  
100 66.0 53.4 80.0



#51  
4-Methyl-2-Pentanone  
Concen: 0.575 ug/l  
RT: 8.647 min Scan# 1240  
Delta R.T. 0.074 min  
Lab File: VX035983.D  
Acq: 02 Jun 2023 14:54

Tgt Ion: 43 Resp: 1897  
Ion Ratio Lower Upper  
43 100  
58 184.1 30.1 45.1#

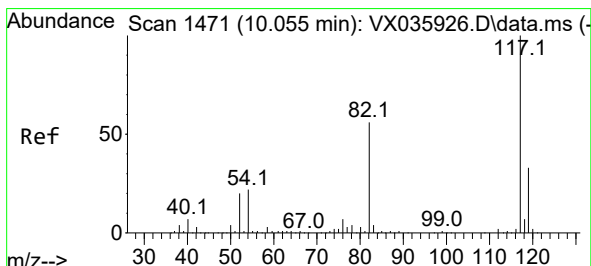
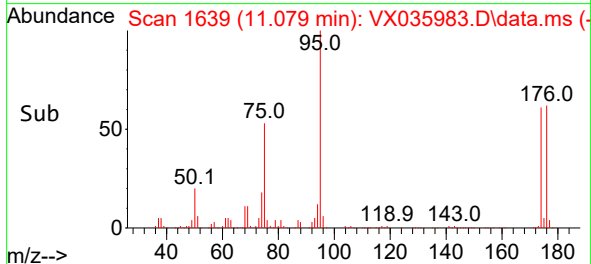
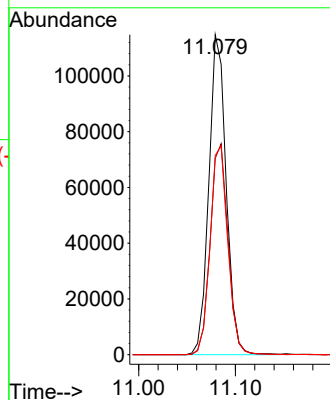
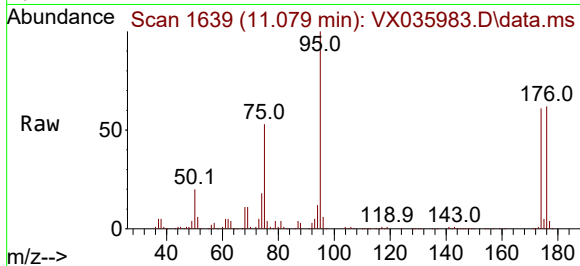




#62  
4-Bromofluorobenzene  
Concen: 45.604 ug/l  
RT: 11.079 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VX035983.D  
Acq: 02 Jun 2023 14:54

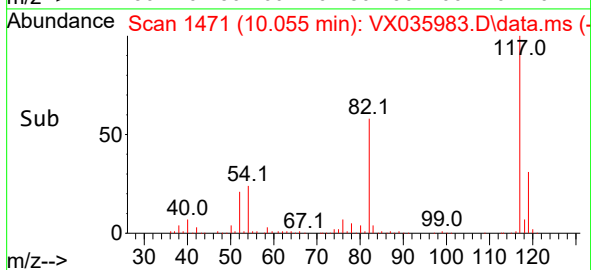
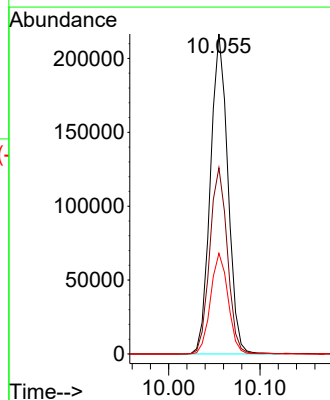
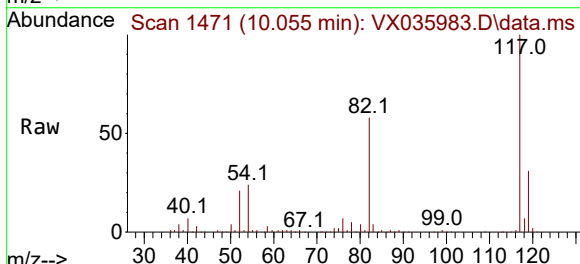
Instrument :  
MSVOA\_X  
ClientSampleId :  
BP-VPB-RW11-GW-518-520

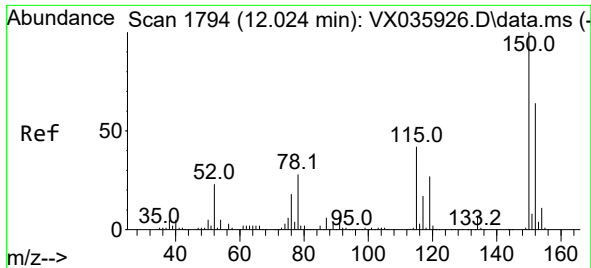
Tgt Ion: 95 Resp: 143016  
Ion Ratio Lower Upper  
95 100  
174 67.9 0.0 132.6  
176 66.7 0.0 128.0



#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.055 min Scan# 1471  
Delta R.T. -0.000 min  
Lab File: VX035983.D  
Acq: 02 Jun 2023 14:54

Tgt Ion: 117 Resp: 286929  
Ion Ratio Lower Upper  
117 100  
82 58.2 46.6 69.8  
119 31.5 25.4 38.2

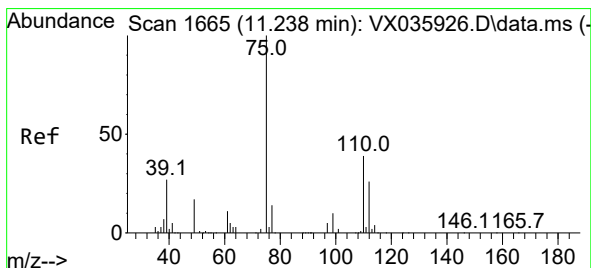
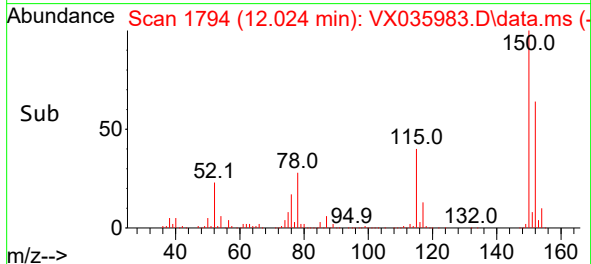
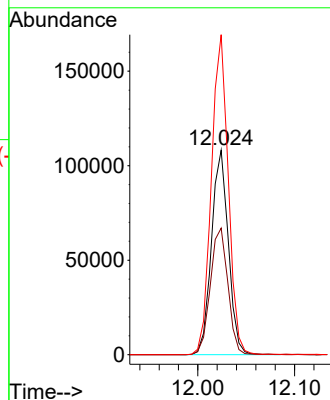
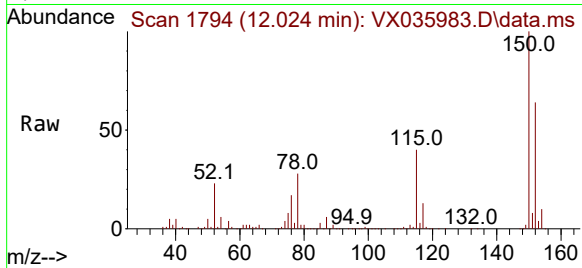




#72  
 1,4-Dichlorobenzene-d4  
 Concen: 50.000 ug/l  
 RT: 12.024 min Scan# 11  
 Delta R.T. 0.000 min  
 Lab File: VX035983.D  
 Acq: 02 Jun 2023 14:54

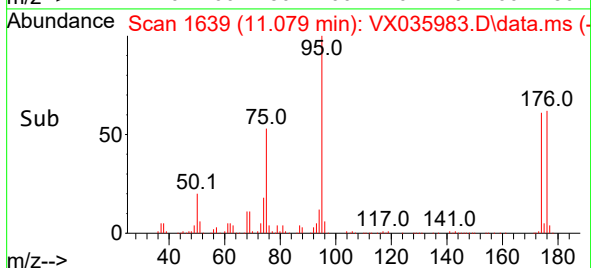
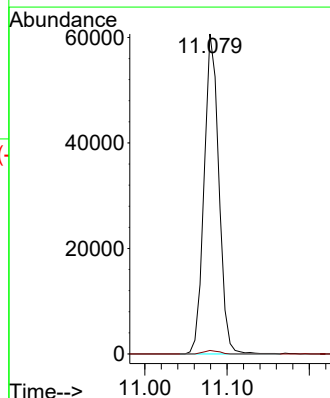
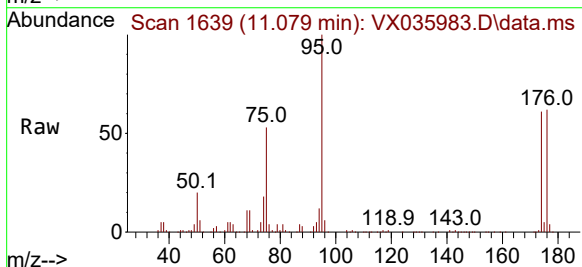
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 BP-VPB-RW11-GW-518-520

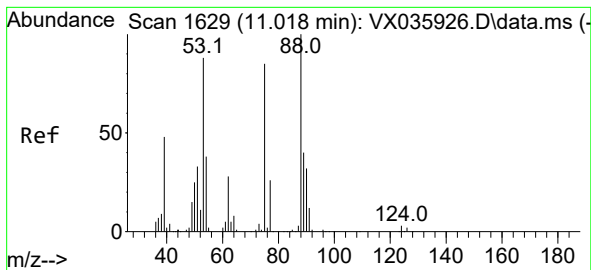
Tgt Ion:152 Resp: 130916  
 Ion Ratio Lower Upper  
 152 100  
 115 64.5 45.5 136.5  
 150 156.6 0.0 345.2



#76  
 1,2,3-Trichloropropane  
 Concen: 25.623 ug/l  
 RT: 11.079 min Scan# 1639  
 Delta R.T. -0.158 min  
 Lab File: VX035983.D  
 Acq: 02 Jun 2023 14:54

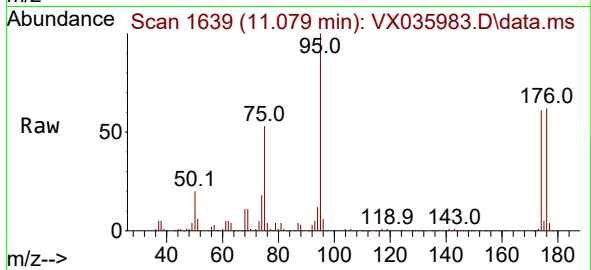
Tgt Ion: 75 Resp: 75659  
 Ion Ratio Lower Upper  
 75 100  
 77 1.1 21.4 64.2#





#81  
 trans-1,4-Dichloro-2-butene  
 Concen: 86.308 ug/l  
 RT: 11.079 min Scan# 1  
 Delta R.T. 0.061 min  
 Lab File: VX035983.D  
 Acq: 02 Jun 2023 14:54

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 BP-VPB-RW11-GW-518-520



Tgt Ion: 75 Resp: 75659  
 Ion Ratio Lower Upper  
 75 100  
 53 0.0 95.2 142.8#  
 89 0.0 38.0 57.0#

