

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX012624\  
 Data File : VX039984.D  
 Acq On : 26 Jan 2024 16:10  
 Operator : JC/MD  
 Sample : P1261-06  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 BP-VPB-191-GW-523-525

Quant Time: Jan 29 00:42:43 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X011024W.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Jan 11 03:51:26 2024  
 Response via : Initial Calibration

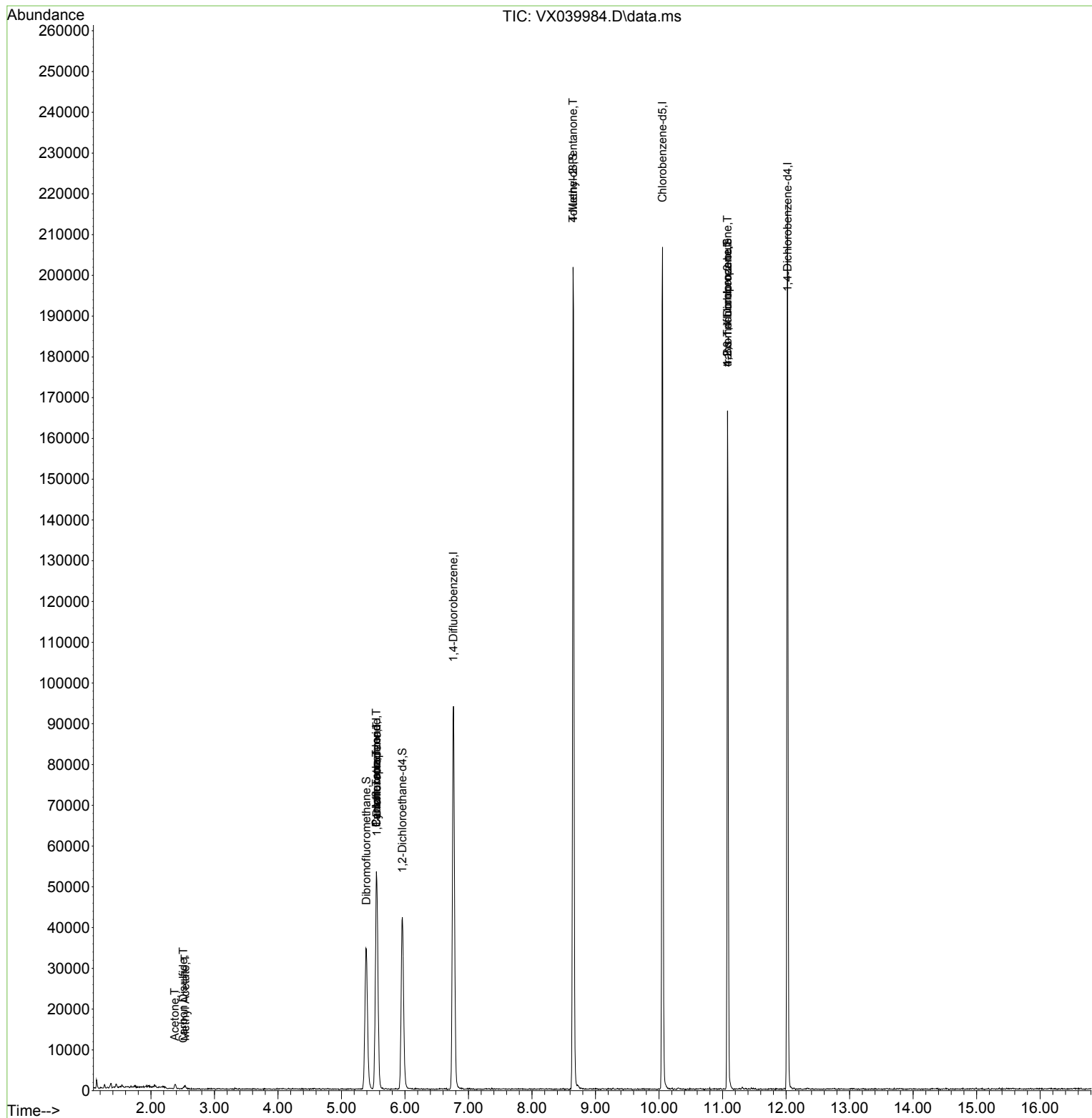
| Compound                      | R.T.           | QIon | Response   | Conc     | Units  | Dev(Min) |
|-------------------------------|----------------|------|------------|----------|--------|----------|
| -----                         |                |      |            |          |        |          |
| Internal Standards            |                |      |            |          |        |          |
| 1) Pentafluorobenzene         | 5.550          | 168  | 43580      | 50.000   | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene       | 6.763          | 114  | 88073      | 50.000   | ug/l   | 0.00     |
| 63) Chlorobenzene-d5          | 10.055         | 117  | 84066      | 50.000   | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4    | 12.024         | 152  | 38756      | 50.000   | ug/l   | 0.00     |
|                               |                |      |            |          |        |          |
| System Monitoring Compounds   |                |      |            |          |        |          |
| 33) 1,2-Dichloroethane-d4     | 5.958          | 65   | 40485      | 55.457   | ug/l   | 0.00     |
| Spiked Amount 50.000          | Range 78 - 117 |      | Recovery = | 110.920% |        |          |
| 35) Dibromofluoromethane      | 5.391          | 113  | 29197      | 49.219   | ug/l   | 0.00     |
| Spiked Amount 50.000          | Range 75 - 124 |      | Recovery = | 98.440%  |        |          |
| 50) Toluene-d8                | 8.647          | 98   | 115132     | 51.460   | ug/l   | 0.00     |
| Spiked Amount 50.000          | Range 92 - 112 |      | Recovery = | 102.920% |        |          |
| 62) 4-Bromofluorobenzene      | 11.079         | 95   | 42123      | 48.146   | ug/l   | 0.00     |
| Spiked Amount 50.000          | Range 83 - 123 |      | Recovery = | 96.300%  |        |          |
|                               |                |      |            |          |        |          |
| Target Compounds              |                |      |            |          | Qvalue |          |
| 16) Acetone                   | 2.373          | 43   | 1334       | 3.249    | ug/l   | 92       |
| 17) Carbon Disulfide          | 2.508          | 76   | 375        | 0.249    | ug/l # | 76       |
| 18) Methyl Acetate            | 2.538          | 43   | 301        | 0.350    | ug/l # | 53       |
| 31) Cyclohexane               | 5.550          | 56   | 1474       | 1.530    | ug/l # | 69       |
| 36) 1,1-Dichloropropene       | 5.556          | 75   | 4814       | 5.214    | ug/l # | 47       |
| 38) Carbon Tetrachloride      | 5.550          | 117  | 5307       | 6.275    | ug/l # | 14       |
| 51) 4-Methyl-2-Pentanone      | 8.647          | 43   | 676        | 0.543    | ug/l # | 1        |
| 76) 1,2,3-Trichloropropane    | 11.079         | 75   | 25227      | 25.107   | ug/l # | 39       |
| 81) trans-1,4-Dichloro-2-b... | 11.079         | 75   | 25227      | 71.771   | ug/l # | 5        |
| -----                         |                |      |            |          |        |          |

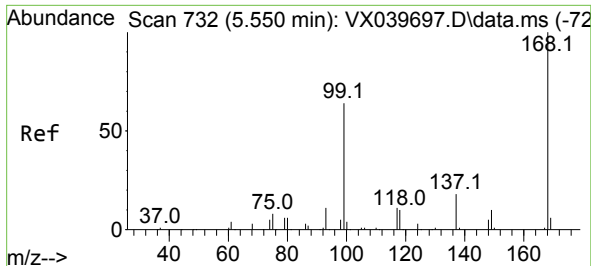
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX012624\  
Data File : VX039984.D  
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Sample : P1261-06  
Misc : 5.0mL/MSVOA\_X/WATER  
ALS Vial : 16 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
BP-VPB-191-GW-523-525

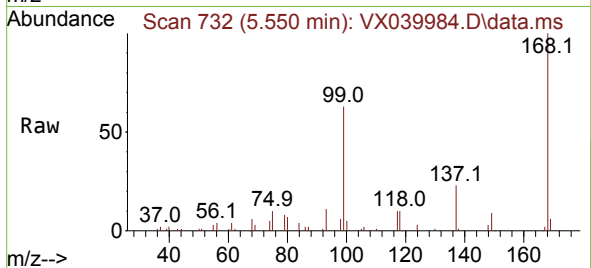
Quant Time: Jan 29 00:42:43 2024  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X011024W.M  
Quant Title : SW846 8260  
QLast Update : Thu Jan 11 03:51:26 2024  
Response via : Initial Calibration



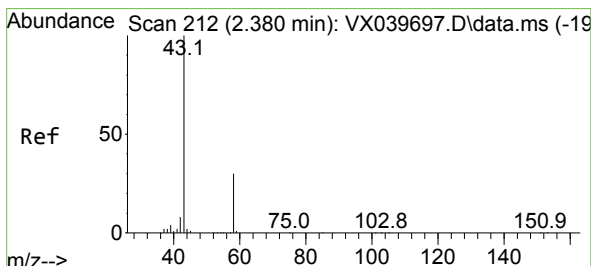
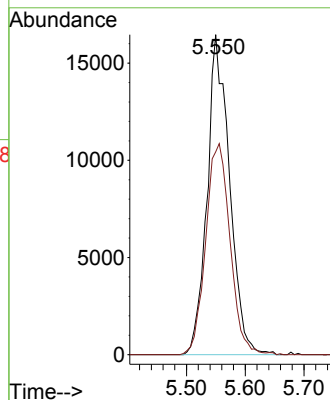
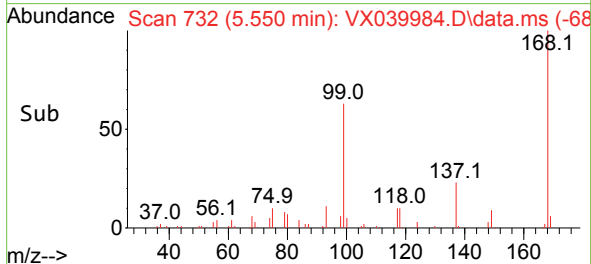


#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.550 min Scan# 71  
Delta R.T. -0.000 min  
Lab File: VX039984.D  
Acq: 26 Jan 2024 16:10

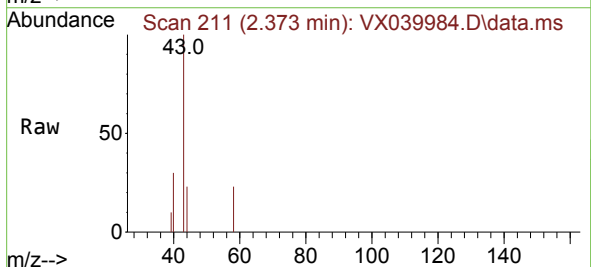
Instrument :  
MSVOA\_X  
ClientSampleId :  
BP-VPB-191-GW-523-525



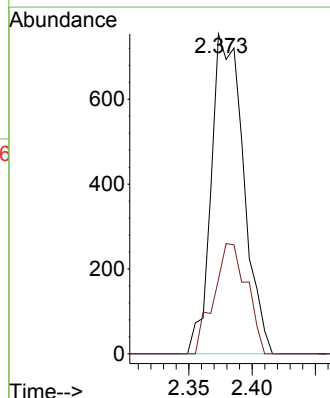
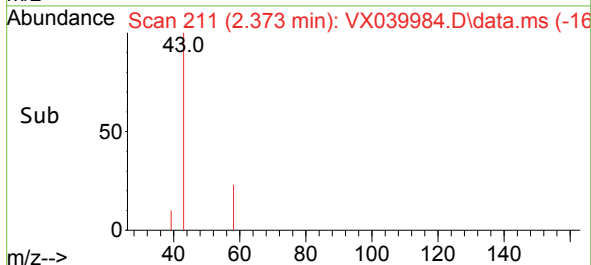
Tgt Ion:168 Resp: 43580  
Ion Ratio Lower Upper  
168 100  
99 63.4 56.6 85.0

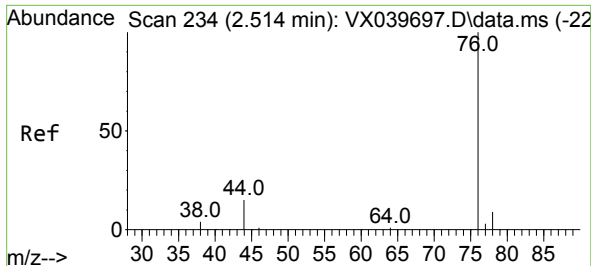


#16  
Acetone  
Concen: 3.249 ug/l  
RT: 2.373 min Scan# 211  
Delta R.T. -0.006 min  
Lab File: VX039984.D  
Acq: 26 Jan 2024 16:10



Tgt Ion: 43 Resp: 1334  
Ion Ratio Lower Upper  
43 100  
58 23.2 21.9 32.9





#17

Carbon Disulfide

Concen: 0.249 ug/l

RT: 2.508 min Scan# 21

Delta R.T. -0.006 min

Lab File: VX039984.D

Acq: 26 Jan 2024 16:10

Instrument :

MSVOA\_X

ClientSampleId :

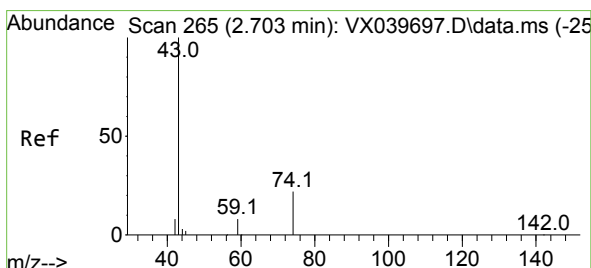
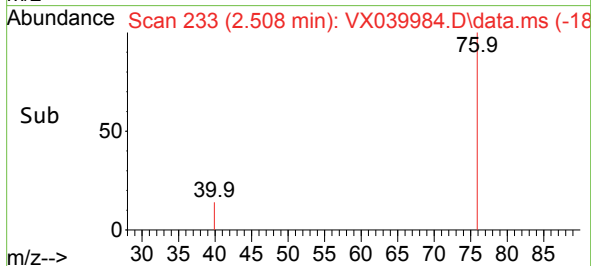
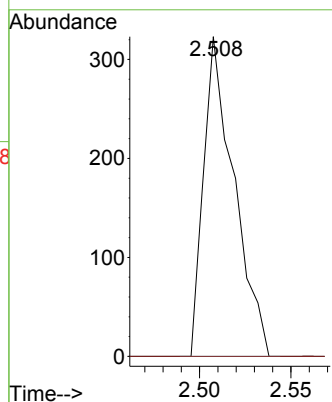
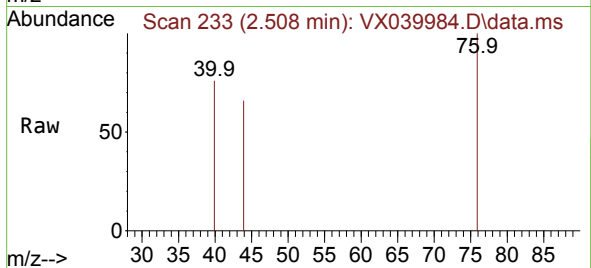
BP-VPB-191-GW-523-525

Tgt Ion: 76 Resp: 375

Ion Ratio Lower Upper

76 100

78 0.0 7.0 10.6#



#18

Methyl Acetate

Concen: 0.350 ug/l

RT: 2.538 min Scan# 238

Delta R.T. -0.165 min

Lab File: VX039984.D

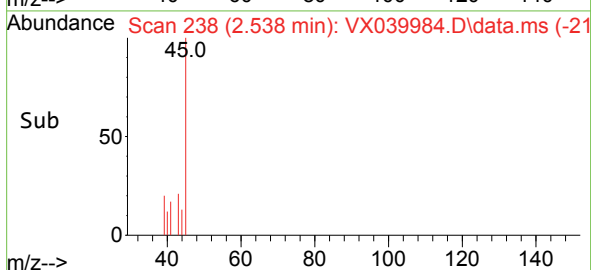
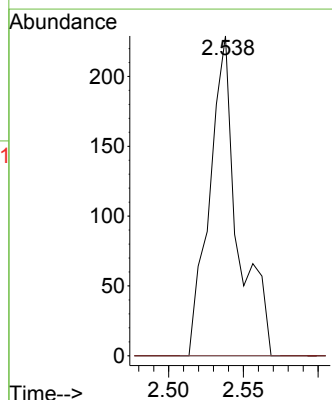
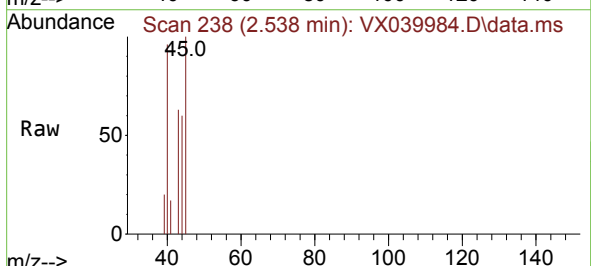
Acq: 26 Jan 2024 16:10

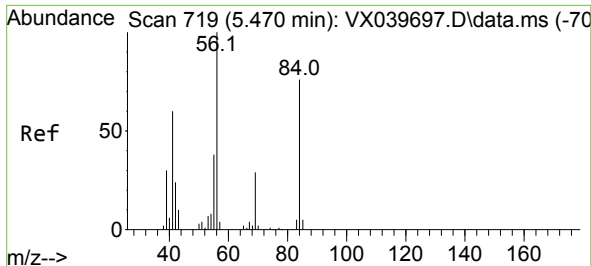
Tgt Ion: 43 Resp: 301

Ion Ratio Lower Upper

43 100

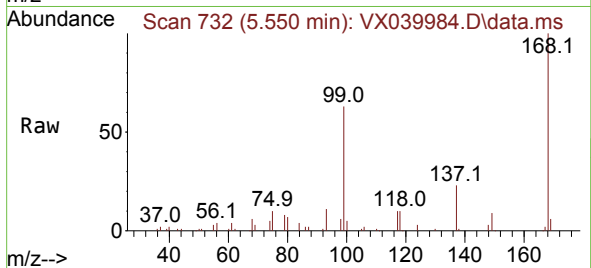
74 0.0 17.8 26.8#



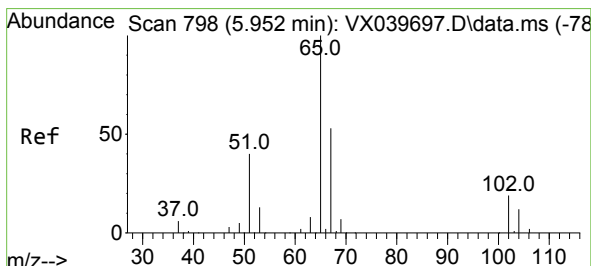
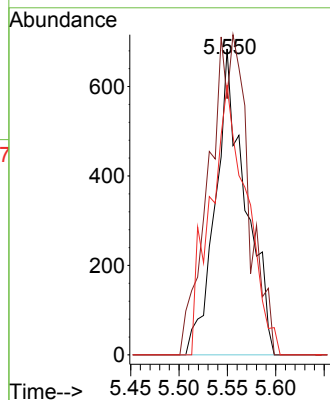
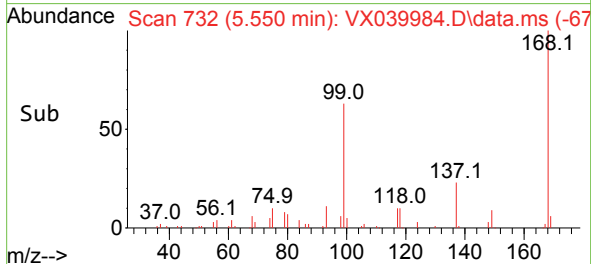


#31  
Cyclohexane  
Concen: 1.530 ug/l  
RT: 5.550 min Scan# 719  
Delta R.T. 0.079 min  
Lab File: VX039984.D  
Acq: 26 Jan 2024 16:10

Instrument :  
MSVOA\_X  
ClientSampleId :  
BP-VPB-191-GW-523-525

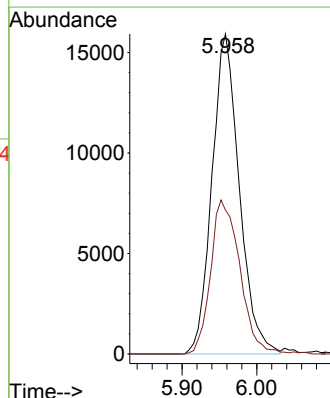
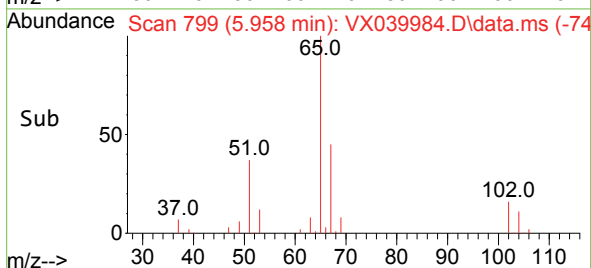
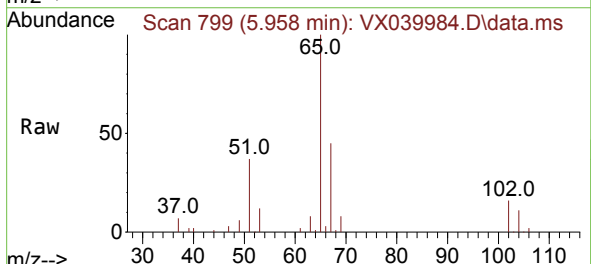


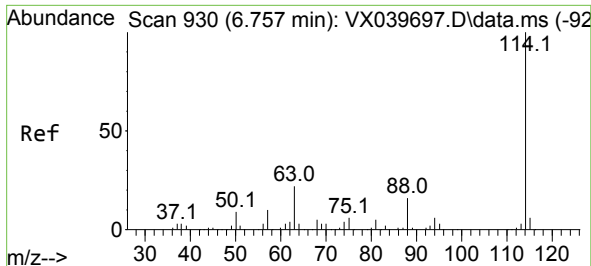
Tgt Ion: 56 Resp: 1474  
Ion Ratio Lower Upper  
56 100  
69 83.8 23.4 35.2#  
84 88.2 65.9 98.9



#33  
1,2-Dichloroethane-d4  
Concen: 55.457 ug/l  
RT: 5.958 min Scan# 799  
Delta R.T. 0.006 min  
Lab File: VX039984.D  
Acq: 26 Jan 2024 16:10

Tgt Ion: 65 Resp: 40485  
Ion Ratio Lower Upper  
65 100  
67 51.3 0.0 100.2

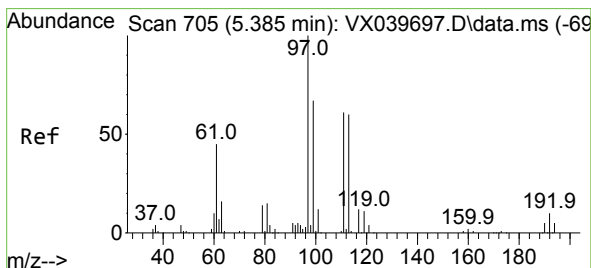
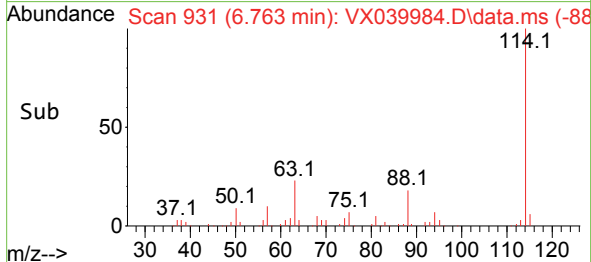
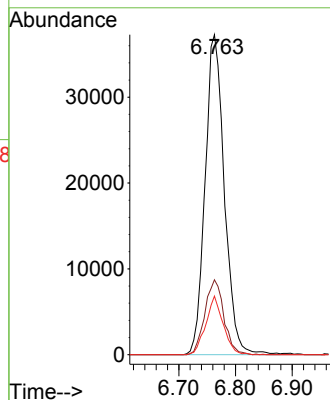
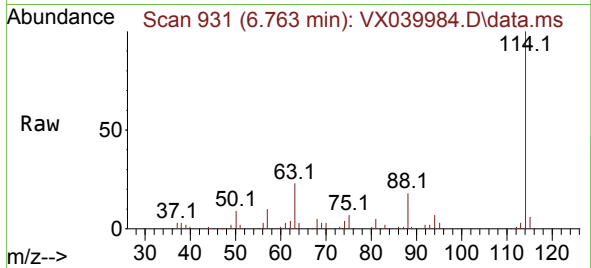




#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 6.763 min Scan# 91  
Delta R.T. 0.006 min  
Lab File: VX039984.D  
Acq: 26 Jan 2024 16:10

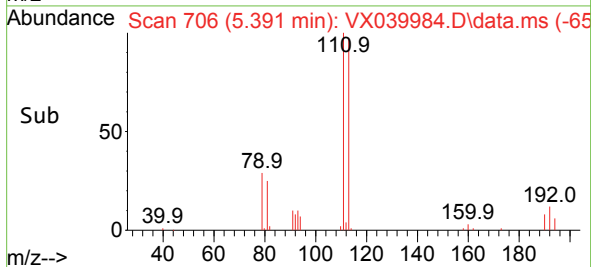
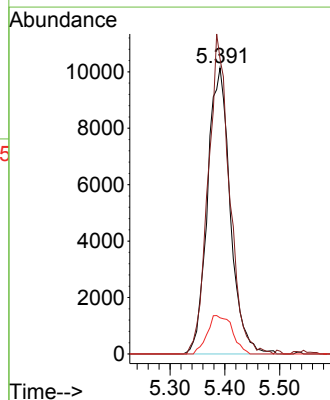
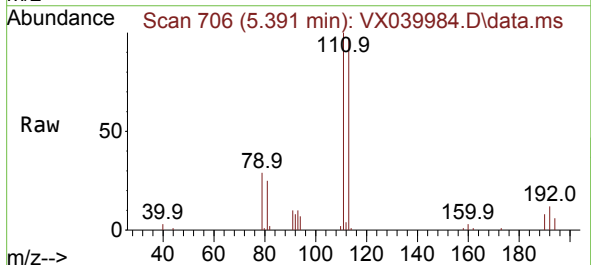
Instrument :  
MSVOA\_X  
ClientSampleId :  
BP-VPB-191-GW-523-525

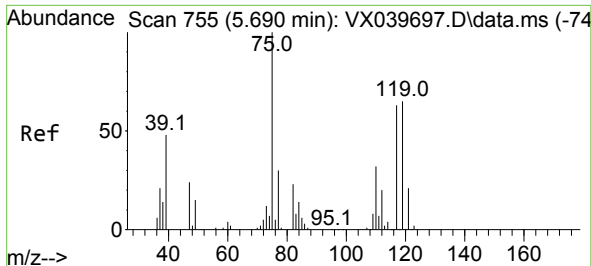
Tgt Ion:114 Resp: 88073  
Ion Ratio Lower Upper  
114 100  
63 23.4 0.0 45.0  
88 18.3 0.0 36.6



#35  
Dibromofluoromethane  
Concen: 49.219 ug/l  
RT: 5.391 min Scan# 706  
Delta R.T. 0.006 min  
Lab File: VX039984.D  
Acq: 26 Jan 2024 16:10

Tgt Ion:113 Resp: 29197  
Ion Ratio Lower Upper  
113 100  
111 105.3 82.9 124.3  
192 14.8 13.3 19.9

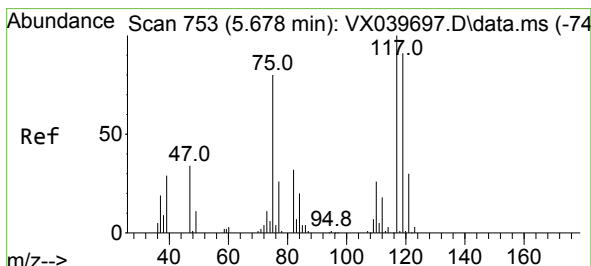
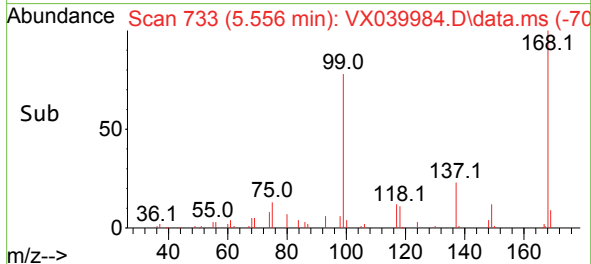
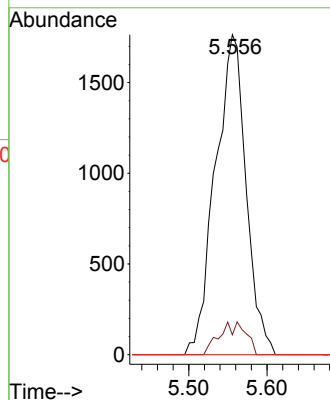
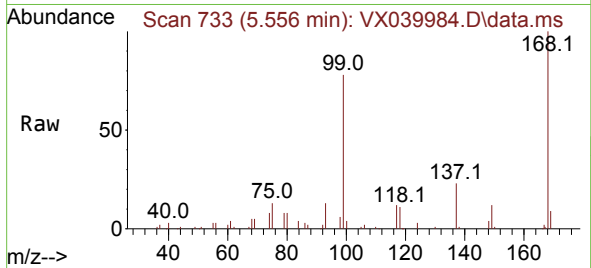




#36  
1,1-Dichloropropene  
Concen: 5.214 ug/l  
RT: 5.556 min Scan# 711  
Delta R.T. -0.134 min  
Lab File: VX039984.D  
Acq: 26 Jan 2024 16:10

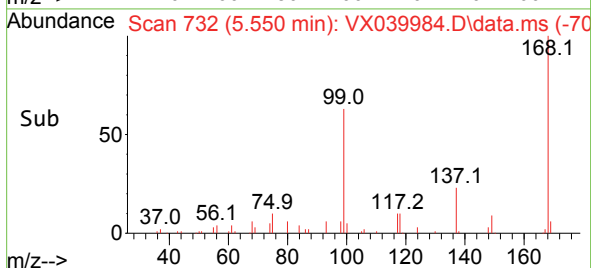
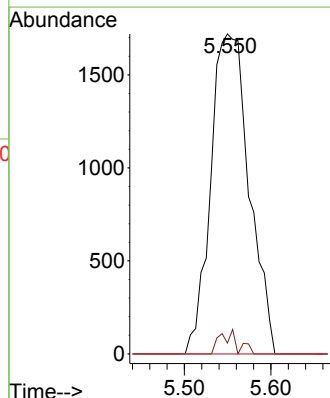
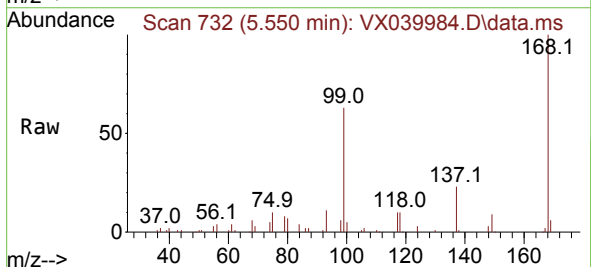
Instrument :  
MSVOA\_X  
ClientSampleId :  
BP-VPB-191-GW-523-525

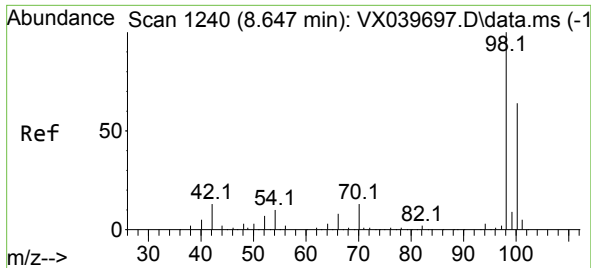
Tgt Ion: 75 Resp: 4814  
Ion Ratio Lower Upper  
75 100  
110 4.8 17.0 50.9#  
77 0.0 24.7 37.1#



#38  
Carbon Tetrachloride  
Concen: 6.275 ug/l  
RT: 5.550 min Scan# 732  
Delta R.T. -0.128 min  
Lab File: VX039984.D  
Acq: 26 Jan 2024 16:10

Tgt Ion: 117 Resp: 5307  
Ion Ratio Lower Upper  
117 100  
119 3.4 78.2 117.2#  
121 0.0 24.4 36.6#

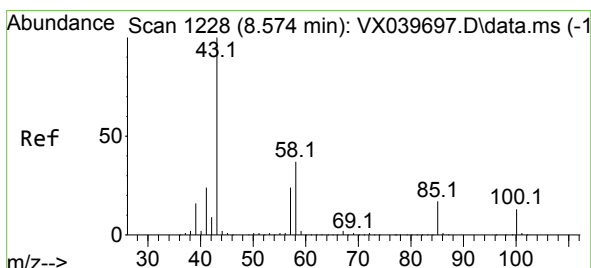
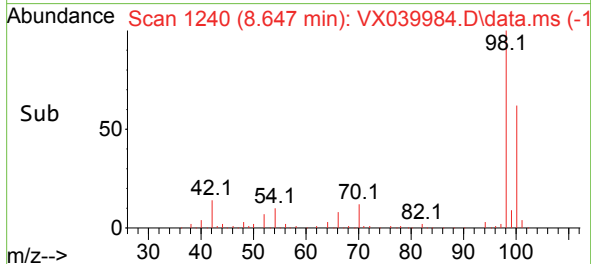
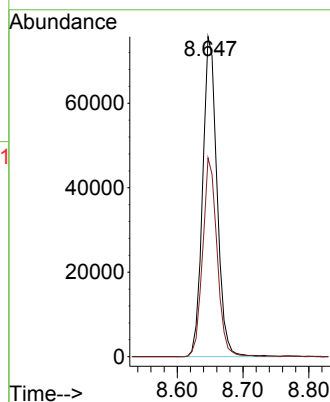
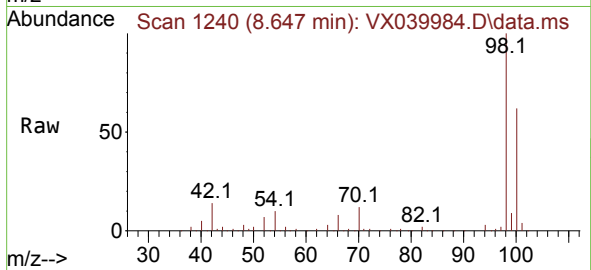




#50  
Toluene-d8  
Concen: 51.460 ug/l  
RT: 8.647 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VX039984.D  
Acq: 26 Jan 2024 16:10

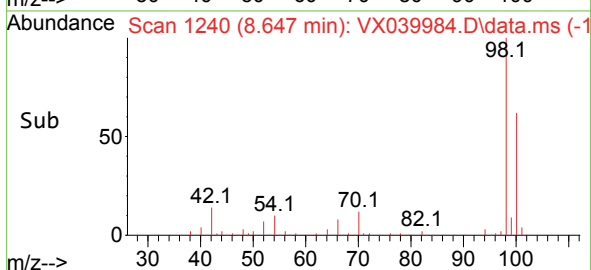
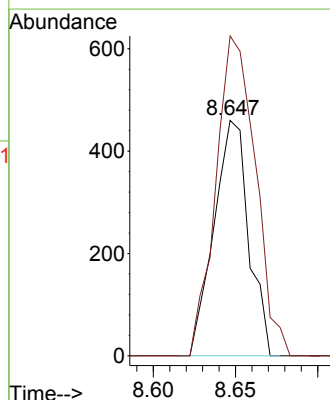
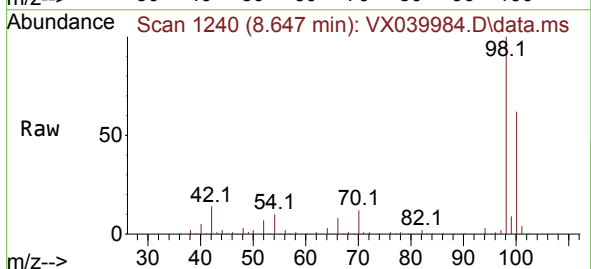
Instrument :  
MSVOA\_X  
ClientSampleId :  
BP-VPB-191-GW-523-525

Tgt Ion: 98 Resp: 115132  
Ion Ratio Lower Upper  
98 100  
100 62.2 53.1 79.7

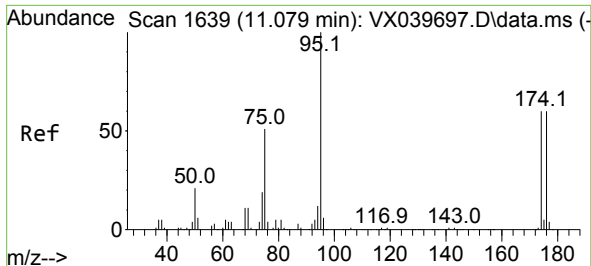


#51  
4-Methyl-2-Pentanone  
Concen: 0.543 ug/l  
RT: 8.647 min Scan# 1240  
Delta R.T. 0.073 min  
Lab File: VX039984.D  
Acq: 26 Jan 2024 16:10

Tgt Ion: 43 Resp: 676  
Ion Ratio Lower Upper  
43 100  
58 155.2 30.4 45.6#



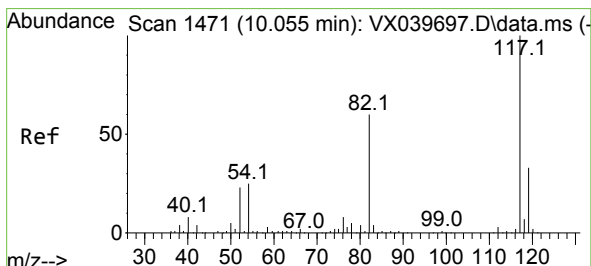
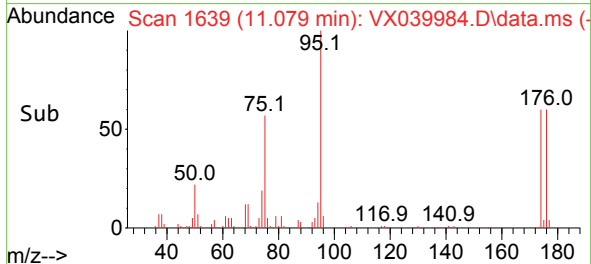
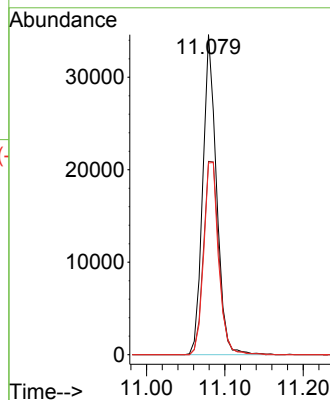
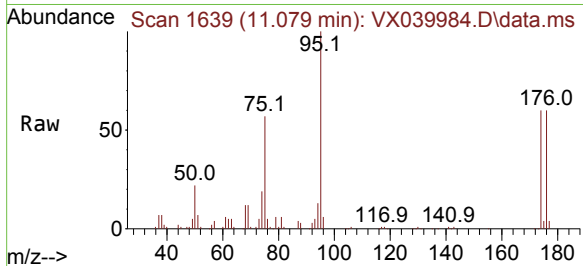




#62  
4-Bromofluorobenzene  
Concen: 48.146 ug/l  
RT: 11.079 min Scan# 1639  
Delta R.T. -0.000 min  
Lab File: VX039984.D  
Acq: 26 Jan 2024 16:10

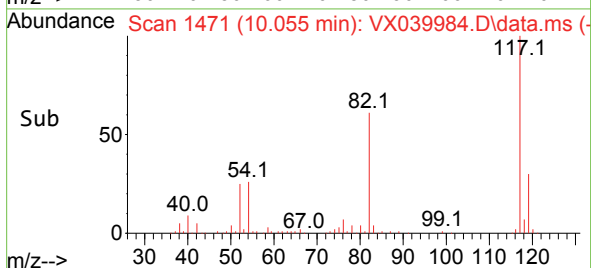
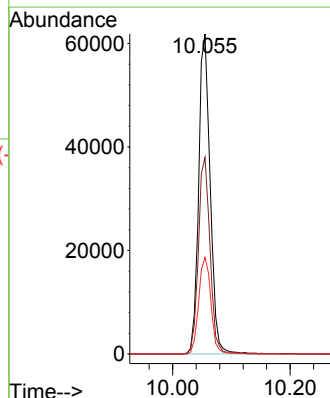
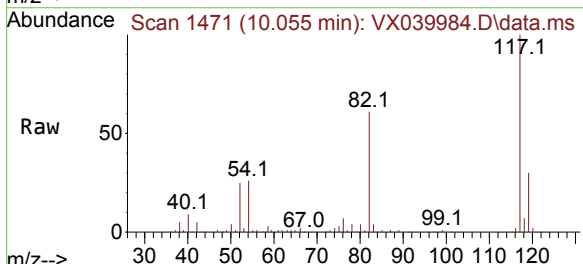
Instrument :  
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ClientSampleId :  
BP-VPB-191-GW-523-525

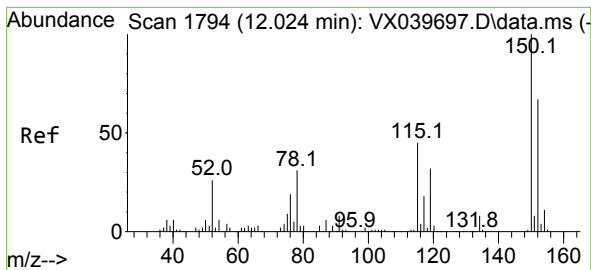
Tgt Ion: 95 Resp: 42123  
Ion Ratio Lower Upper  
95 100  
174 67.9 0.0 135.6  
176 65.0 0.0 131.0



#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.055 min Scan# 1471  
Delta R.T. -0.000 min  
Lab File: VX039984.D  
Acq: 26 Jan 2024 16:10

Tgt Ion: 117 Resp: 84066  
Ion Ratio Lower Upper  
117 100  
82 61.4 46.2 69.4  
119 30.2 25.5 38.3





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX039984.D

Acq: 26 Jan 2024 16:10

Instrument :

MSVOA\_X

ClientSampleId :

BP-VPB-191-GW-523-525

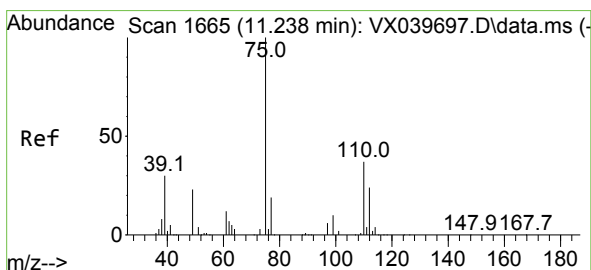
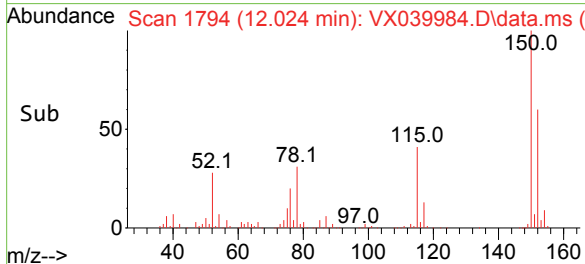
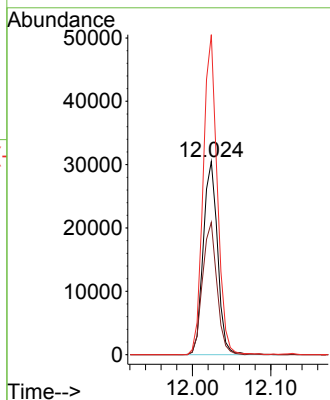
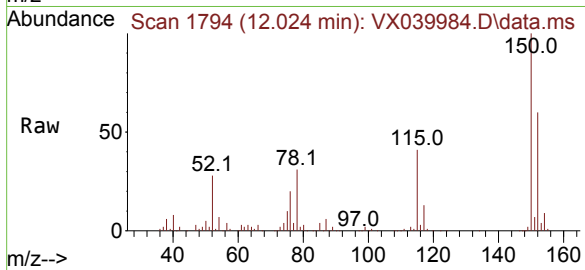
Tgt Ion:152 Resp: 38756

Ion Ratio Lower Upper

152 100

115 68.7 43.3 129.9

150 162.2 0.0 345.0



#76

1,2,3-Trichloropropane

Concen: 25.107 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX039984.D

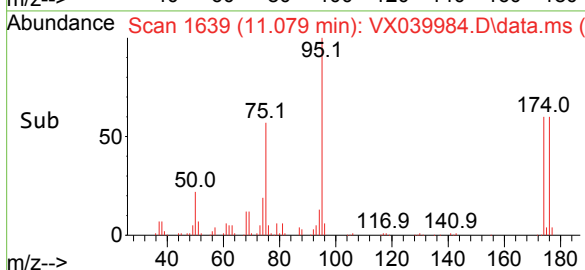
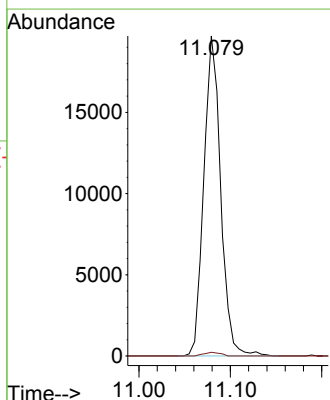
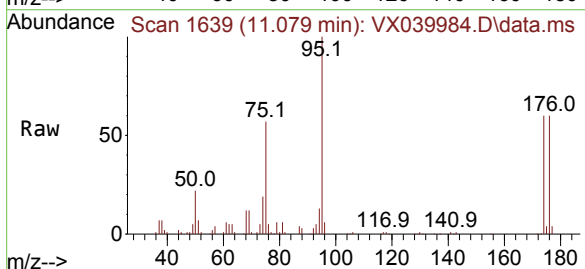
Acq: 26 Jan 2024 16:10

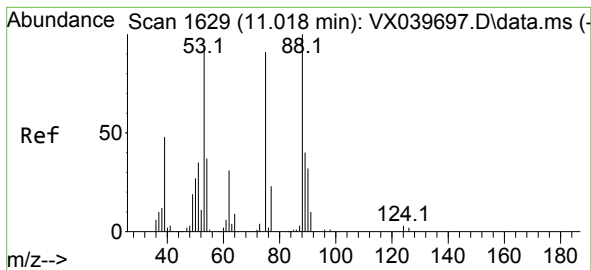
Tgt Ion: 75 Resp: 25227

Ion Ratio Lower Upper

75 100

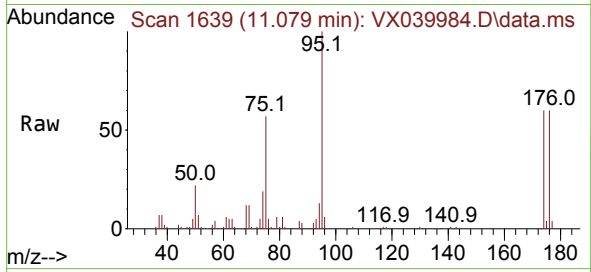
77 1.1 19.1 57.5#





#81  
 trans-1,4-Dichloro-2-butene  
 Concen: 71.771 ug/l  
 RT: 11.079 min Scan# 1  
 Delta R.T. 0.061 min  
 Lab File: VX039984.D  
 Acq: 26 Jan 2024 16:10

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 BP-VPB-191-GW-523-525



Tgt Ion: 75 Resp: 25227  
 Ion Ratio Lower Upper  
 75 100  
 53 0.0 90.5 135.7#  
 89 0.0 36.9 55.3#

