

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX012624\  
 Data File : VX039972.D  
 Acq On : 26 Jan 2024 10:54  
 Operator : JC/MD  
 Sample : VX0126WBL01  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0126WBL01

Quant Time: Jan 29 00:36:55 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

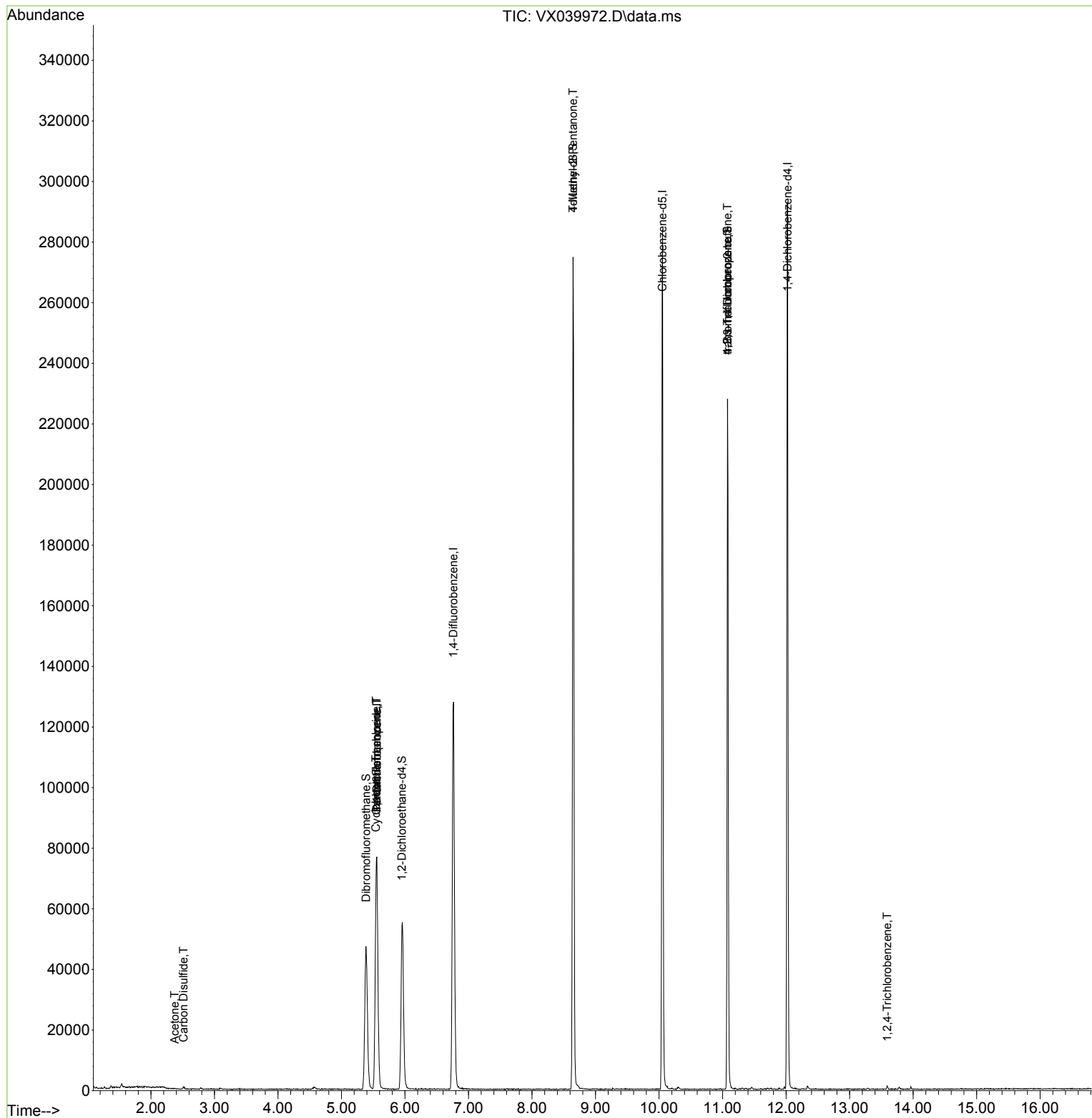
| Compound                      | R.T.   | QIon  | Response | Conc      | Units  | Dev(Min) |
|-------------------------------|--------|-------|----------|-----------|--------|----------|
| -----                         |        |       |          |           |        |          |
| Internal Standards            |        |       |          |           |        |          |
| 1) Pentafluorobenzene         | 5.556  | 168   | 68267    | 50.000    | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene       | 6.763  | 114   | 128582   | 50.000    | ug/l   | 0.00     |
| 63) Chlorobenzene-d5          | 10.055 | 117   | 122768   | 50.000    | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4    | 12.024 | 152   | 58463    | 50.000    | ug/l   | 0.00     |
| System Monitoring Compounds   |        |       |          |           |        |          |
| 33) 1,2-Dichloroethane-d4     | 5.952  | 65    | 53385    | 46.683    | ug/l   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 78 - 117 | Recovery  | =      | 93.360%  |
| 35) Dibromofluoromethane      | 5.385  | 113   | 40170    | 46.383    | ug/l   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 75 - 124 | Recovery  | =      | 92.760%  |
| 50) Toluene-d8                | 8.647  | 98    | 157560   | 48.237    | ug/l   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 92 - 112 | Recovery  | =      | 96.480%  |
| 62) 4-Bromofluorobenzene      | 11.079 | 95    | 60878    | 47.661    | ug/l   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 83 - 123 | Recovery  | =      | 95.320%  |
| Target Compounds              |        |       |          |           |        |          |
|                               |        |       |          |           | Qvalue |          |
| 13) Acrolein                  | 2.245  | 56    | 25       | Below Cal | #      | 70       |
| 16) Acetone                   | 2.373  | 43    | 193      | 0.300     | ug/l # | 47       |
| 17) Carbon Disulfide          | 2.514  | 76    | 732      | 0.310     | ug/l   | 99       |
| 31) Cyclohexane               | 5.544  | 56    | 1887     | 1.250     | ug/l # | 47       |
| 36) 1,1-Dichloropropene       | 5.556  | 75    | 6083     | 4.512     | ug/l # | 51       |
| 38) Carbon Tetrachloride      | 5.550  | 117   | 7546     | 6.112     | ug/l # | 14       |
| 51) 4-Methyl-2-Pentanone      | 8.647  | 43    | 845      | 0.465     | ug/l # | 1        |
| 76) 1,2,3-Trichloropropane    | 11.079 | 75    | 32921    | 21.720    | ug/l # | 39       |
| 81) trans-1,4-Dichloro-2-b... | 11.079 | 75    | 32921    | 63.122    | ug/l # | 5        |
| 93) 1,2,4-Trichlorobenzene    | 13.591 | 180   | 353      | 0.294     | ug/l   | 80       |
| -----                         |        |       |          |           |        |          |

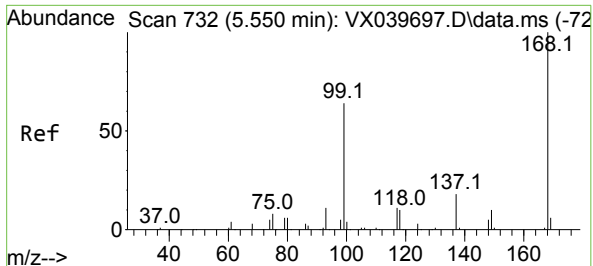
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX012624\  
Data File : VX039972.D  
Acq On : 26 Jan 2024 10:54  
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Sample : VX0126WBL01  
Misc : 5.0mL/MSVOA\_X/WATER  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0126WBL01

Quant Time: Jan 29 00:36:55 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

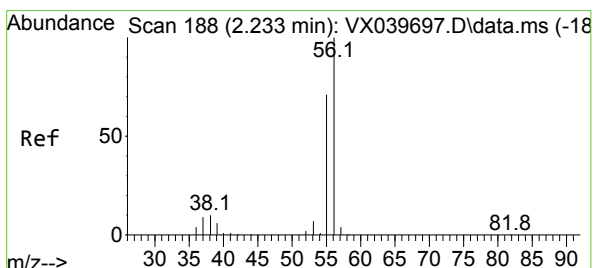
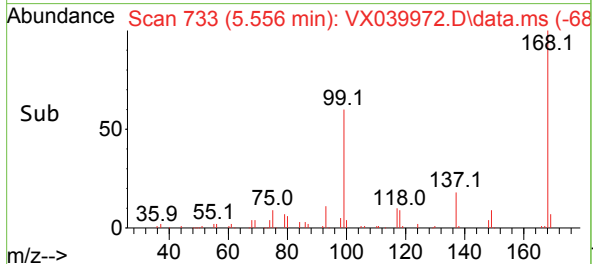
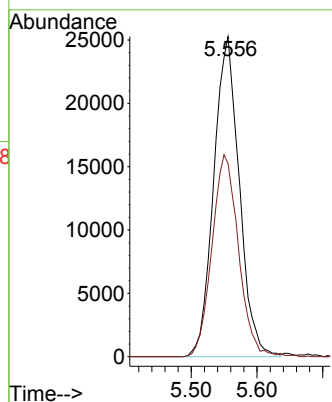
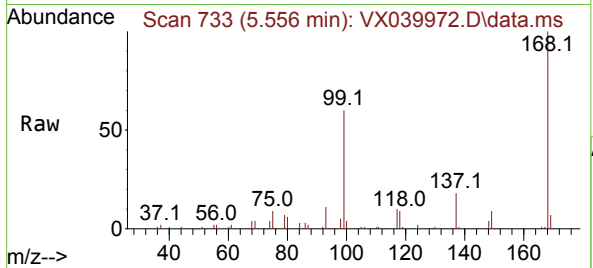




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.556 min Scan# 71  
Delta R.T. 0.006 min  
Lab File: VX039972.D  
Acq: 26 Jan 2024 10:54

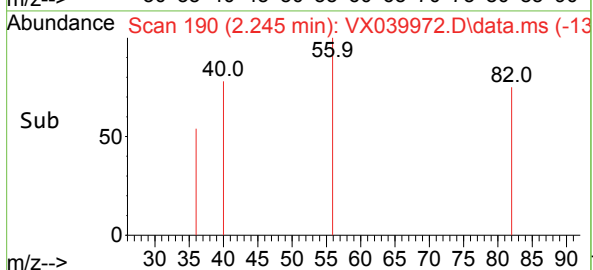
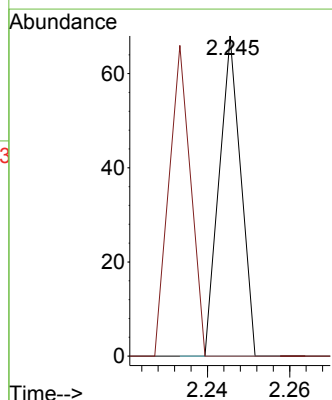
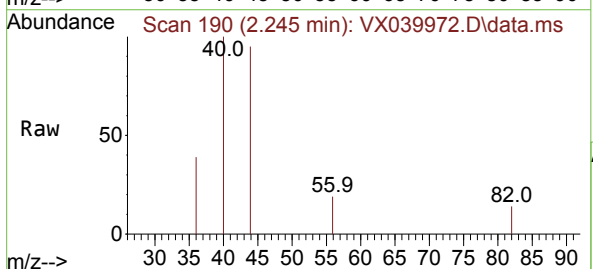
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0126WBL01

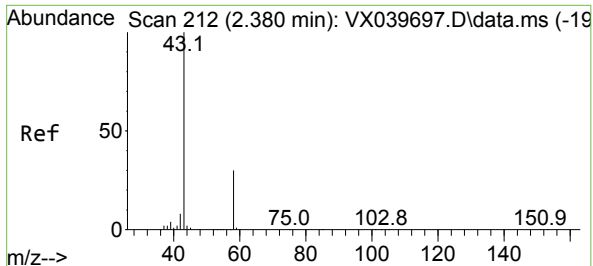
Tgt Ion:168 Resp: 68267  
Ion Ratio Lower Upper  
168 100  
99 60.4 56.6 85.0



#13  
Acrolein  
Concen: Below Cal  
RT: 2.245 min Scan# 190  
Delta R.T. 0.012 min  
Lab File: VX039972.D  
Acq: 26 Jan 2024 10:54

Tgt Ion: 56 Resp: 25  
Ion Ratio Lower Upper  
56 100  
55 96.0 57.1 85.7#

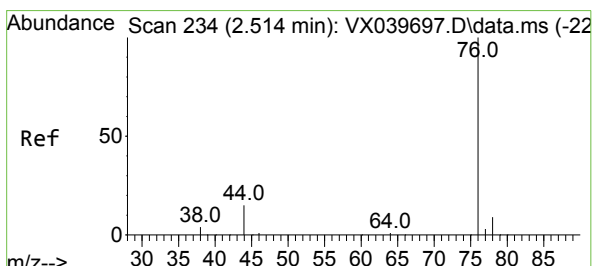
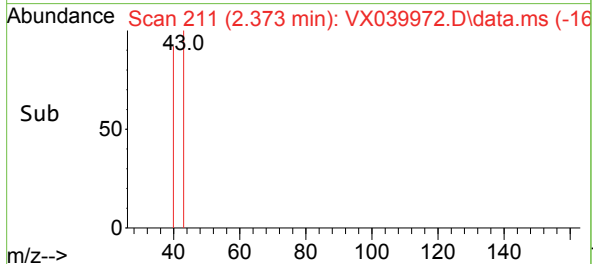
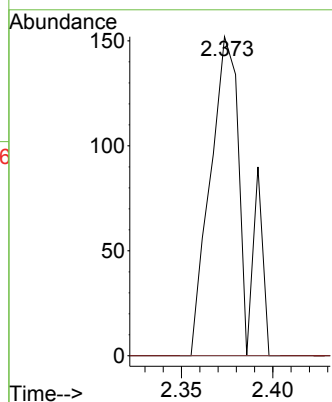
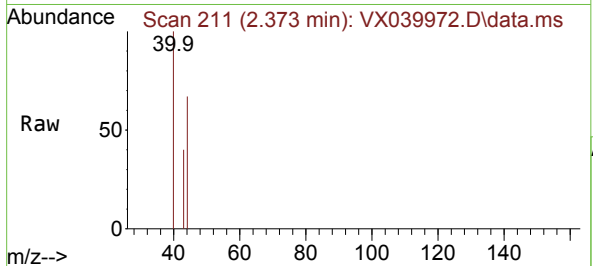




#16  
Acetone  
Concen: 0.300 ug/l  
RT: 2.373 min Scan# 211  
Delta R.T. -0.006 min  
Lab File: VX039972.D  
Acq: 26 Jan 2024 10:54

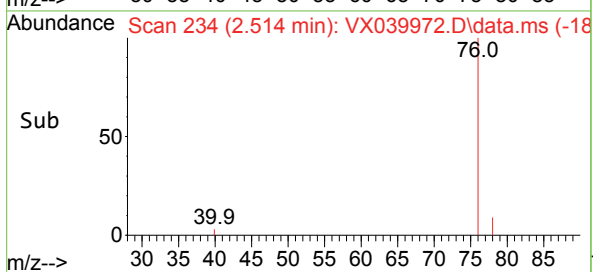
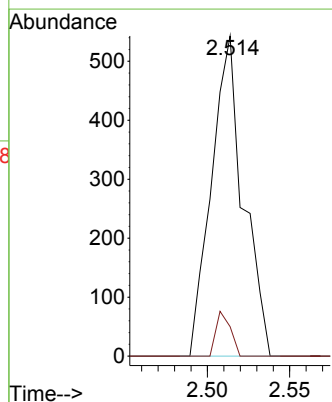
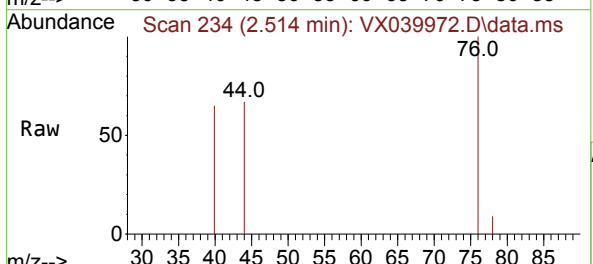
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0126WBL01

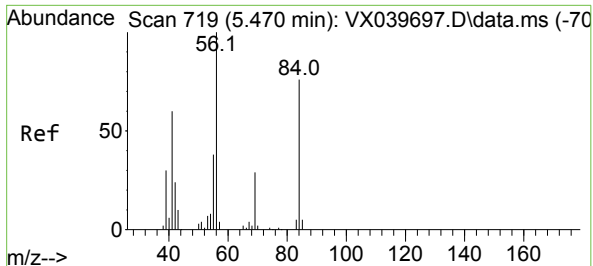
Tgt Ion: 43 Resp: 193  
Ion Ratio Lower Upper  
43 100  
58 0.0 21.9 32.9#



#17  
Carbon Disulfide  
Concen: 0.310 ug/l  
RT: 2.514 min Scan# 234  
Delta R.T. 0.000 min  
Lab File: VX039972.D  
Acq: 26 Jan 2024 10:54

Tgt Ion: 76 Resp: 732  
Ion Ratio Lower Upper  
76 100  
78 9.2 7.0 10.6

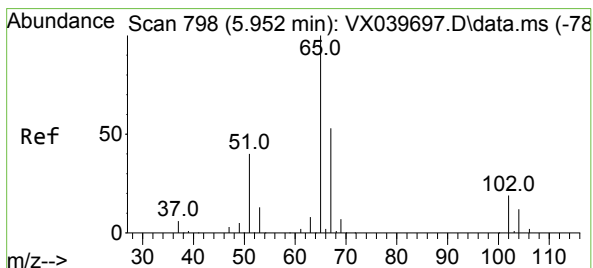
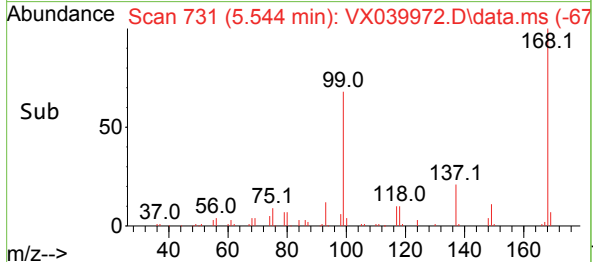
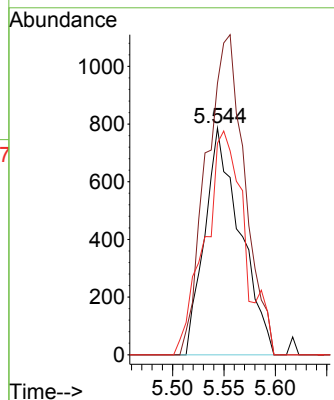
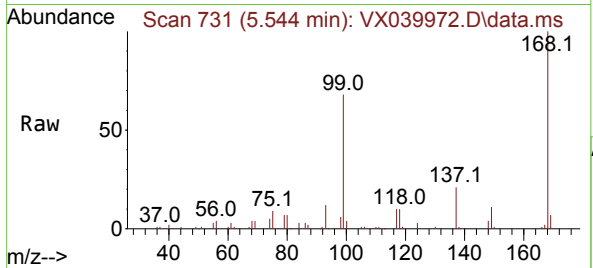




#31  
Cyclohexane  
Concen: 1.250 ug/l  
RT: 5.544 min Scan# 719  
Delta R.T. 0.073 min  
Lab File: VX039972.D  
Acq: 26 Jan 2024 10:54

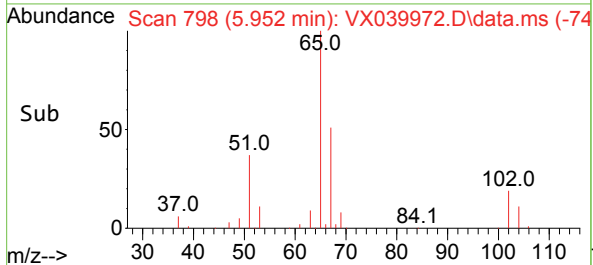
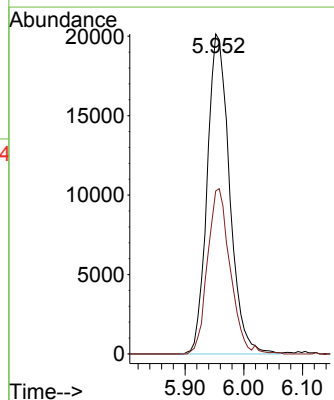
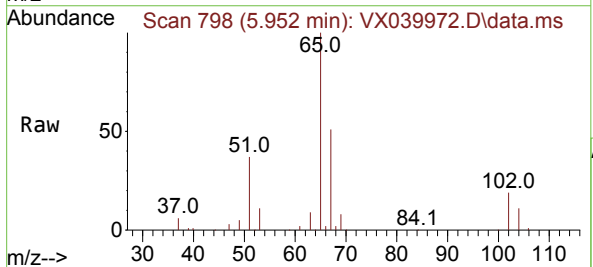
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0126WBL01

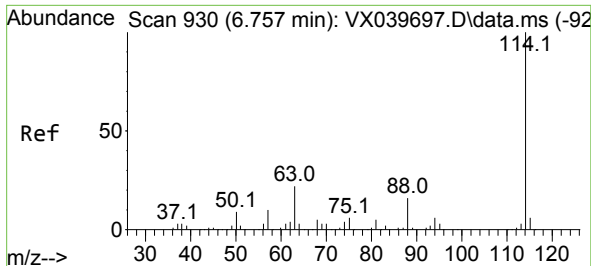
Tgt Ion: 56 Resp: 1887  
Ion Ratio Lower Upper  
56 100  
69 119.8 23.4 35.2#  
84 93.4 65.9 98.9



#33  
1,2-Dichloroethane-d4  
Concen: 46.683 ug/l  
RT: 5.952 min Scan# 798  
Delta R.T. 0.000 min  
Lab File: VX039972.D  
Acq: 26 Jan 2024 10:54

Tgt Ion: 65 Resp: 53385  
Ion Ratio Lower Upper  
65 100  
67 51.5 0.0 100.2

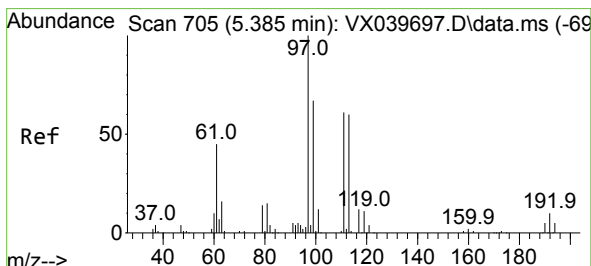
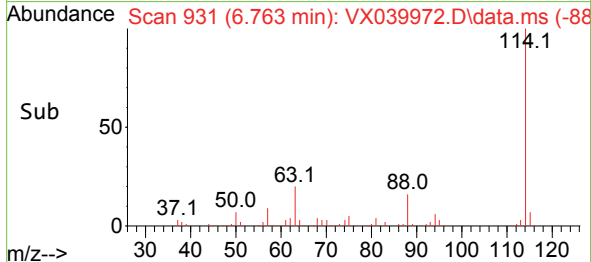
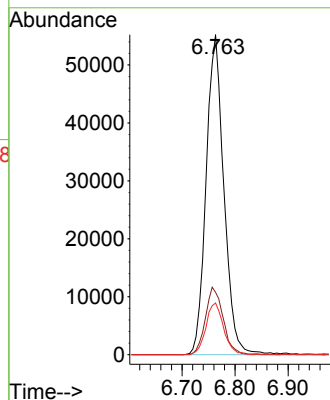
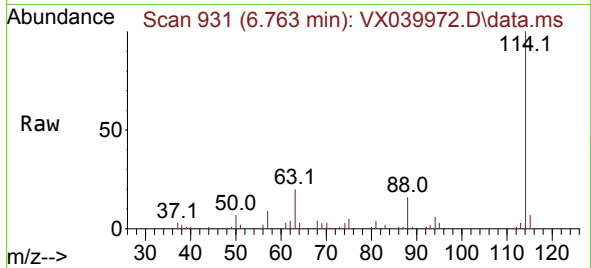




#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 6.763 min Scan# 911  
Delta R.T. 0.006 min  
Lab File: VX039972.D  
Acq: 26 Jan 2024 10:54

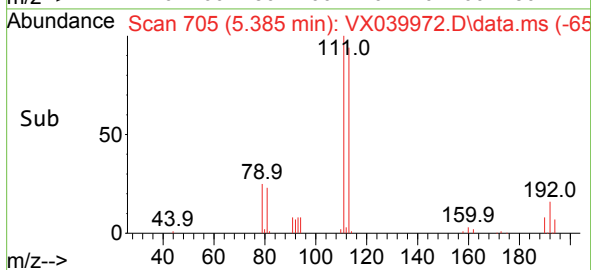
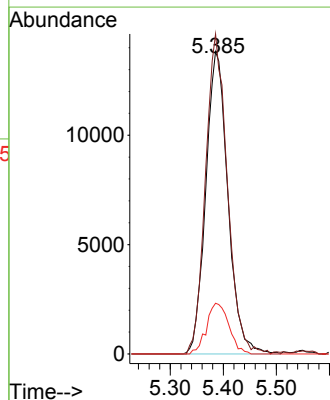
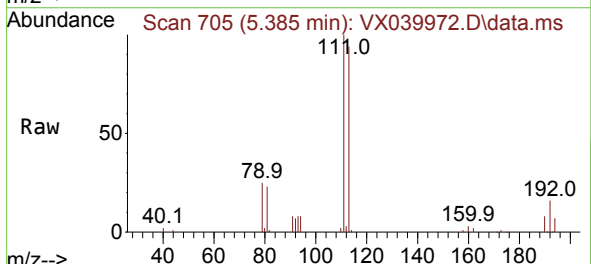
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0126WBL01

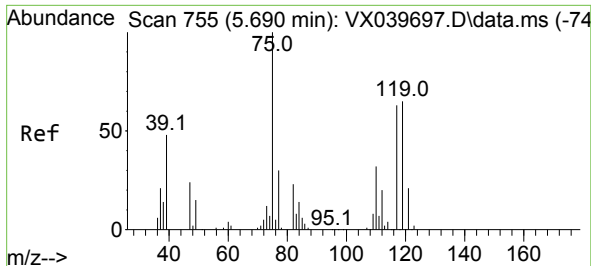
Tgt Ion:114 Resp: 128582  
Ion Ratio Lower Upper  
114 100  
63 19.5 0.0 45.0  
88 16.2 0.0 36.6



#35  
Dibromofluoromethane  
Concen: 46.383 ug/l  
RT: 5.385 min Scan# 705  
Delta R.T. 0.000 min  
Lab File: VX039972.D  
Acq: 26 Jan 2024 10:54

Tgt Ion:113 Resp: 40170  
Ion Ratio Lower Upper  
113 100  
111 104.2 82.9 124.3  
192 16.9 13.3 19.9

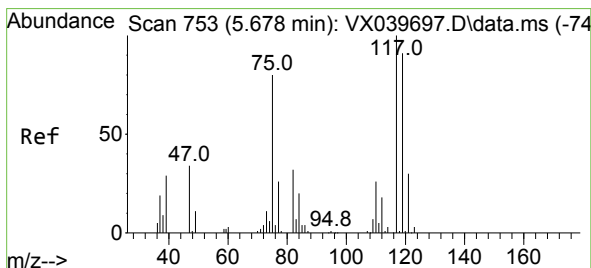
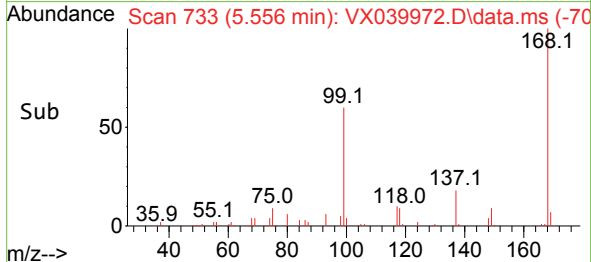
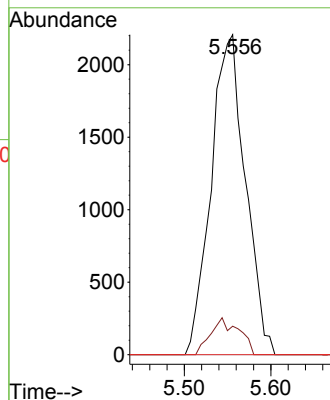
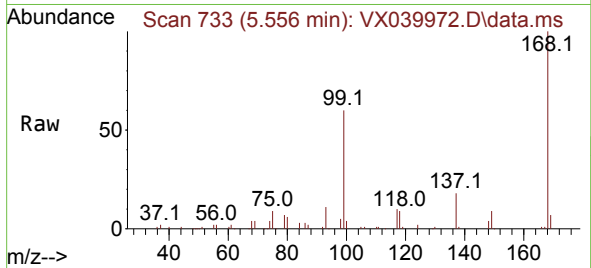




#36  
1,1-Dichloropropene  
Concen: 4.512 ug/l  
RT: 5.556 min Scan# 713  
Delta R.T. -0.134 min  
Lab File: VX039972.D  
Acq: 26 Jan 2024 10:54

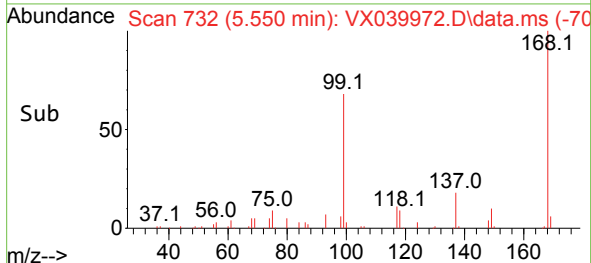
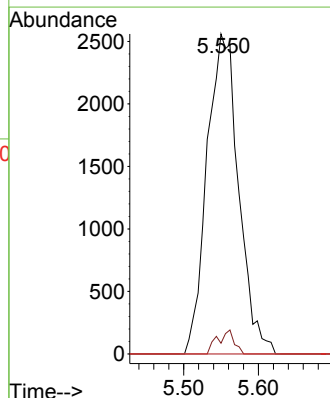
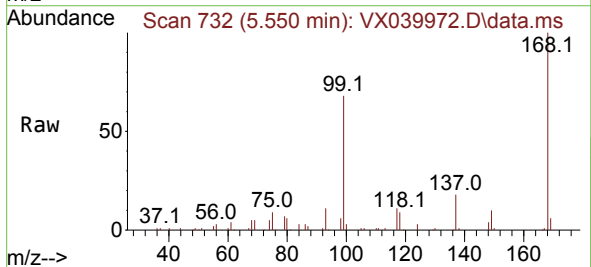
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MSVOA\_X  
ClientSampleId :  
VX0126WBL01

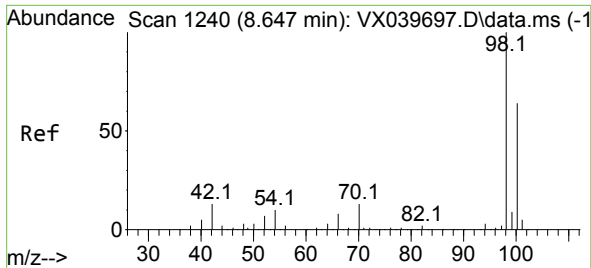
Tgt Ion: 75 Resp: 6083  
Ion Ratio Lower Upper  
75 100  
110 9.5 17.0 50.9#  
77 0.0 24.7 37.1#



#38  
Carbon Tetrachloride  
Concen: 6.112 ug/l  
RT: 5.550 min Scan# 732  
Delta R.T. -0.128 min  
Lab File: VX039972.D  
Acq: 26 Jan 2024 10:54

Tgt Ion: 117 Resp: 7546  
Ion Ratio Lower Upper  
117 100  
119 3.3 78.2 117.2#  
121 0.0 24.4 36.6#

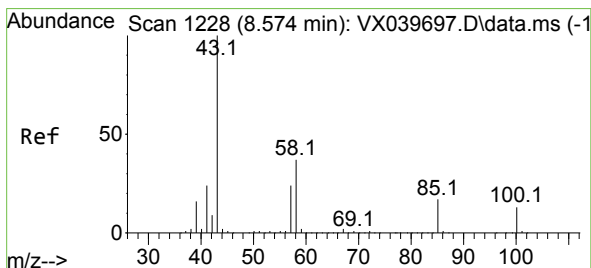
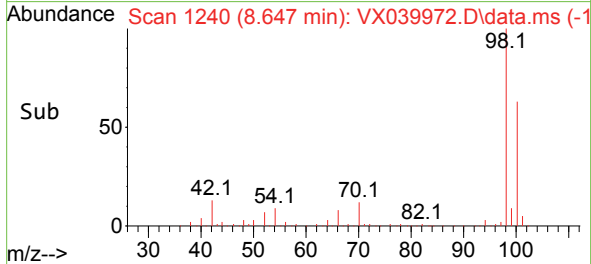
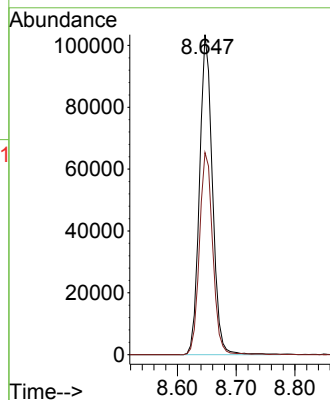
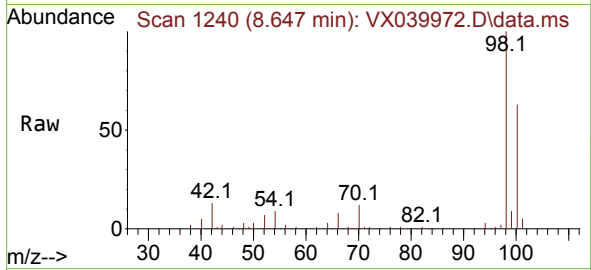




#50  
Toluene-d8  
Concen: 48.237 ug/l  
RT: 8.647 min Scan# 1240  
Delta R.T. 0.000 min  
Lab File: VX039972.D  
Acq: 26 Jan 2024 10:54

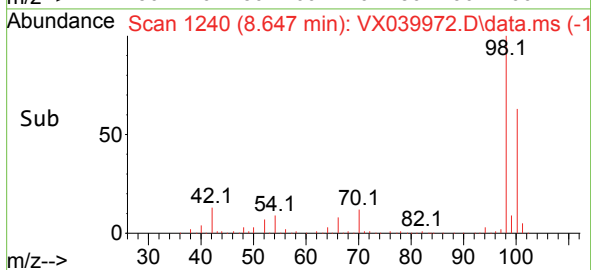
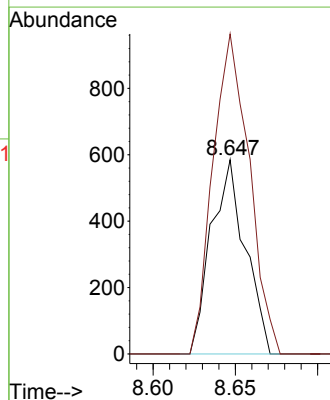
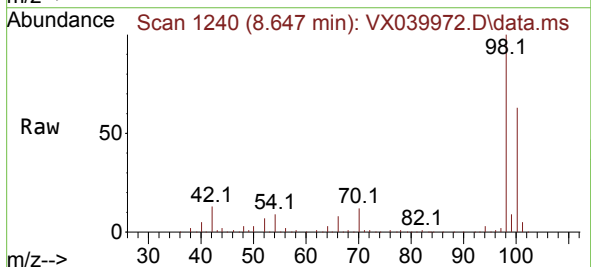
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VX0126WBL01

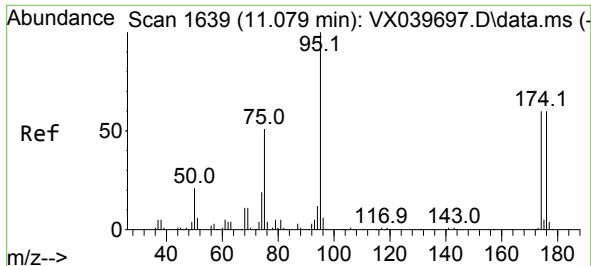
Tgt Ion: 98 Resp: 157560  
Ion Ratio Lower Upper  
98 100  
100 64.8 53.1 79.7



#51  
4-Methyl-2-Pentanone  
Concen: 0.465 ug/l  
RT: 8.647 min Scan# 1240  
Delta R.T. 0.073 min  
Lab File: VX039972.D  
Acq: 26 Jan 2024 10:54

Tgt Ion: 43 Resp: 845  
Ion Ratio Lower Upper  
43 100  
58 175.4 30.4 45.6#

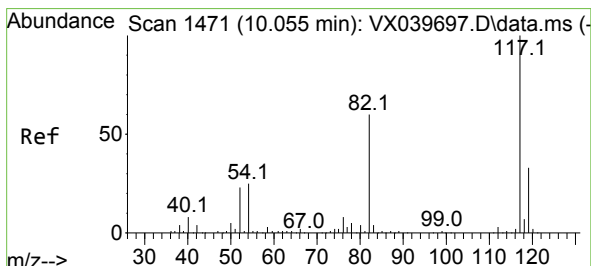
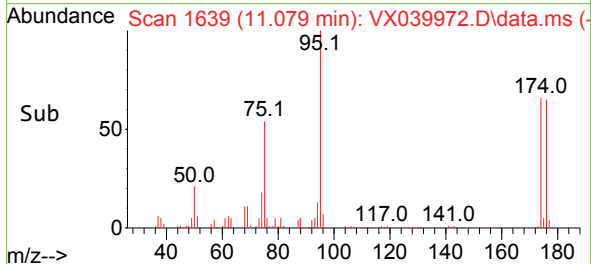
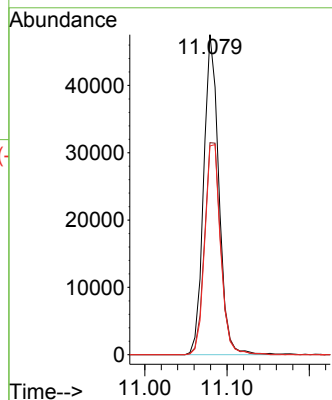
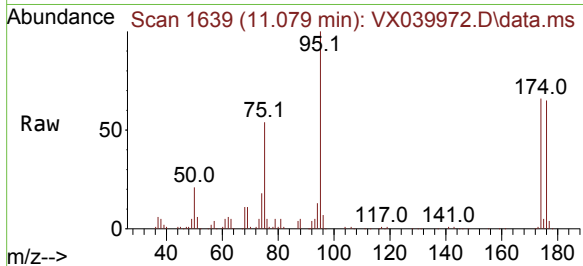




#62  
4-Bromofluorobenzene  
Concen: 47.661 ug/l  
RT: 11.079 min Scan# 1639  
Delta R.T. 0.000 min  
Lab File: VX039972.D  
Acq: 26 Jan 2024 10:54

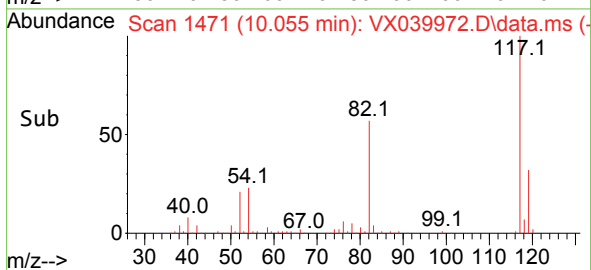
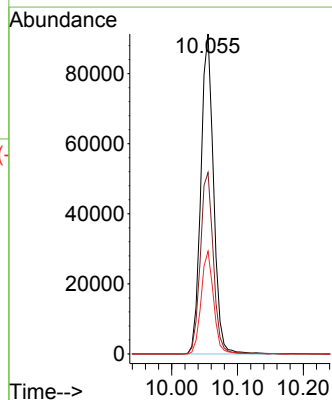
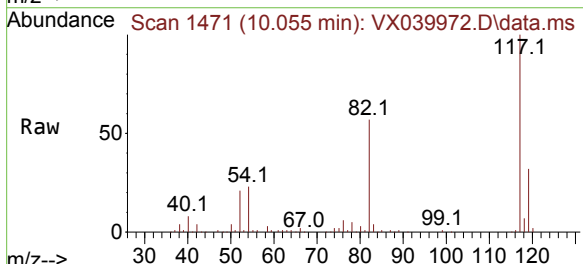
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0126WBL01

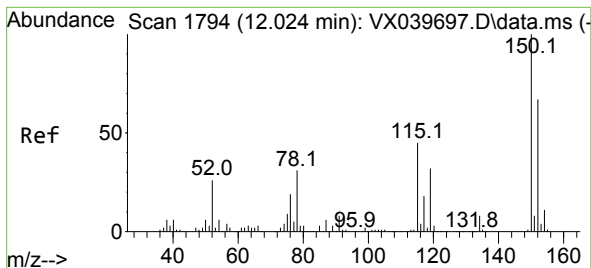
Tgt Ion: 95 Resp: 60878  
Ion Ratio Lower Upper  
95 100  
174 70.9 0.0 135.6  
176 68.5 0.0 131.0



#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.055 min Scan# 1471  
Delta R.T. 0.000 min  
Lab File: VX039972.D  
Acq: 26 Jan 2024 10:54

Tgt Ion: 117 Resp: 122768  
Ion Ratio Lower Upper  
117 100  
82 56.7 46.2 69.4  
119 32.1 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: VX039972.D

Acq: 26 Jan 2024 10:54

Instrument :

MSVOA\_X

ClientSampleId :

VX0126WBL01

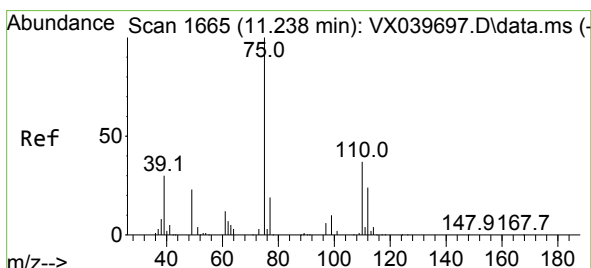
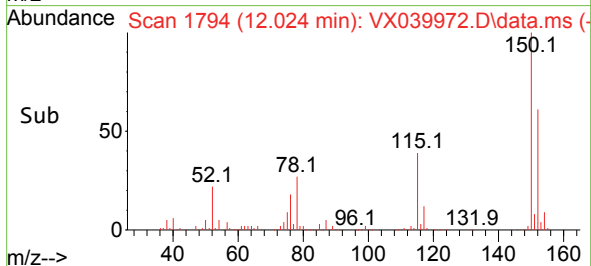
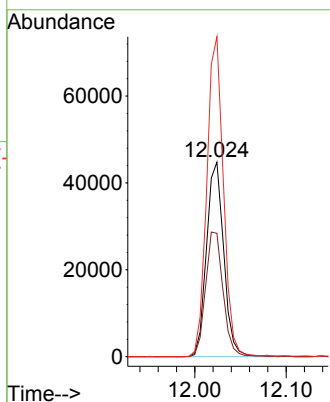
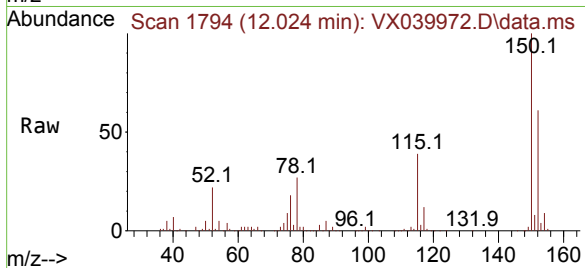
Tgt Ion:152 Resp: 58463

Ion Ratio Lower Upper

152 100

115 65.5 43.3 129.9

150 159.0 0.0 345.0



#76

1,2,3-Trichloropropane

Concen: 21.720 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.158 min

Lab File: VX039972.D

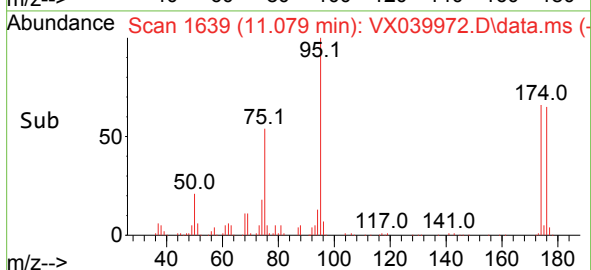
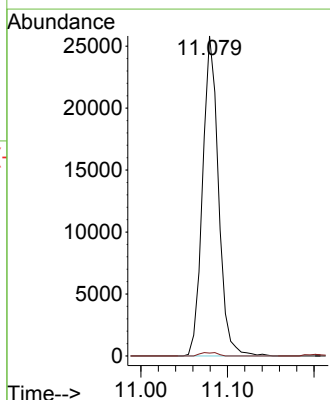
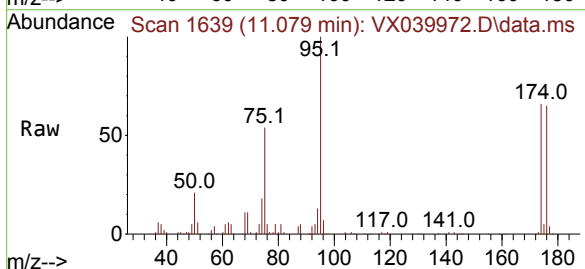
Acq: 26 Jan 2024 10:54

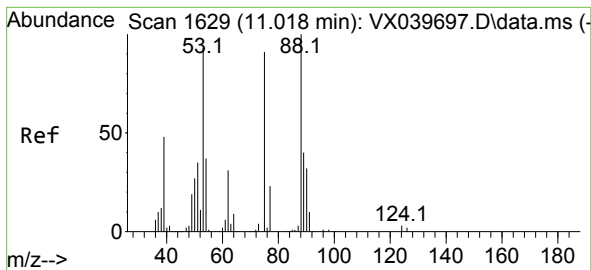
Tgt Ion: 75 Resp: 32921

Ion Ratio Lower Upper

75 100

77 1.2 19.1 57.5#

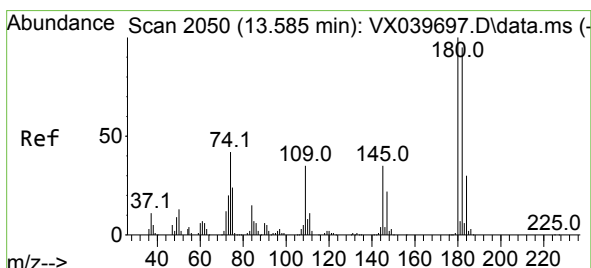
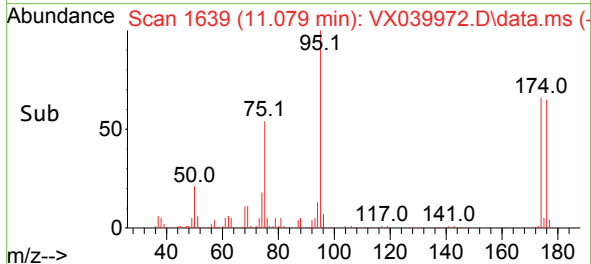
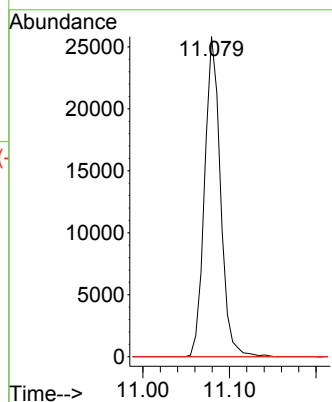
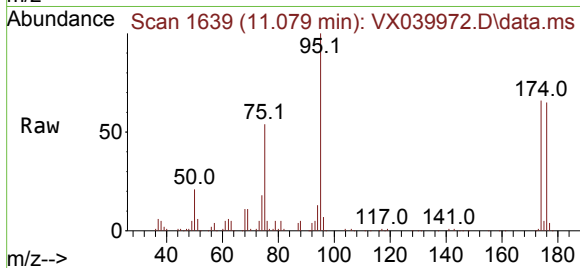




#81  
trans-1,4-Dichloro-2-butene  
Concen: 63.122 ug/l  
RT: 11.079 min Scan# 1  
Delta R.T. 0.061 min  
Lab File: VX039972.D  
Acq: 26 Jan 2024 10:54

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0126WBL01

Tgt Ion: 75 Resp: 32921  
Ion Ratio Lower Upper  
75 100  
53 0.0 90.5 135.7#  
89 0.0 36.9 55.3#



#93  
1,2,4-Trichlorobenzene  
Concen: 0.294 ug/l  
RT: 13.591 min Scan# 2051  
Delta R.T. 0.006 min  
Lab File: VX039972.D  
Acq: 26 Jan 2024 10:54

Tgt Ion: 180 Resp: 353  
Ion Ratio Lower Upper  
180 100  
182 122.4 48.3 144.8  
145 35.4 18.0 54.0

