

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX051923\  
 Data File : VX035759.D  
 Acq On : 19 May 2023 14:45  
 Operator : JC/MD  
 Sample : 02850-06 200X  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 TRE-1741

Quant Time: May 22 05:16:52 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X051123W.M  
 Quant Title : SW846 8260  
 QLast Update : Thu May 11 13:57:54 2023  
 Response via : Initial Calibration

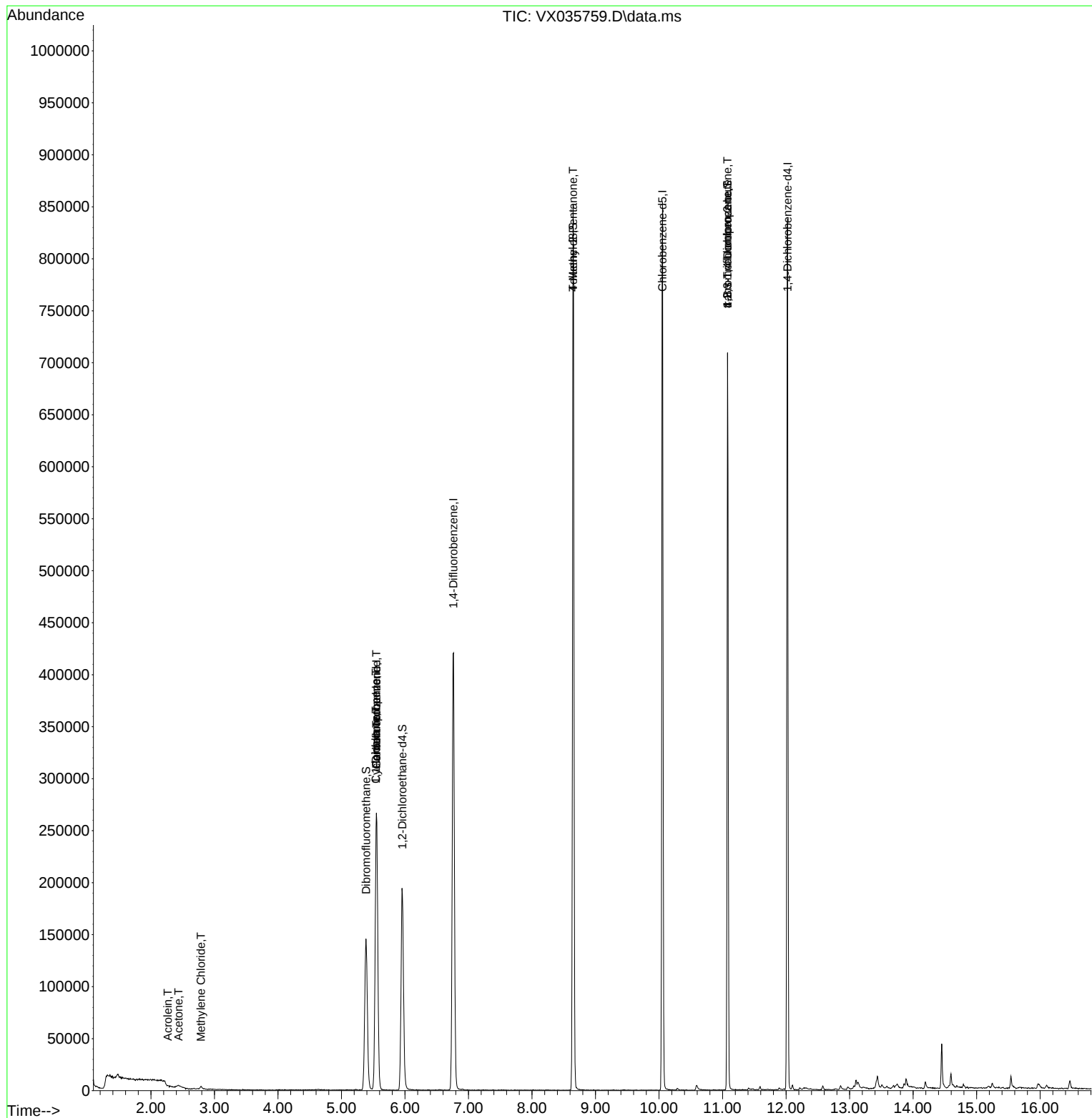
| Compound                      | R.T.           | QIon | Response   | Conc     | Units | Dev(Min) |
|-------------------------------|----------------|------|------------|----------|-------|----------|
| -----                         |                |      |            |          |       |          |
| Internal Standards            |                |      |            |          |       |          |
| 1) Pentafluorobenzene         | 5.550          | 168  | 225904     | 50.000   | ug/l  | # 0.00   |
| 34) 1,4-Difluorobenzene       | 6.763          | 114  | 402735     | 50.000   | ug/l  | 0.00     |
| 63) Chlorobenzene-d5          | 10.055         | 117  | 353555     | 50.000   | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4    | 12.024         | 152  | 160944     | 50.000   | ug/l  | 0.00     |
|                               |                |      |            |          |       |          |
| System Monitoring Compounds   |                |      |            |          |       |          |
| 33) 1,2-Dichloroethane-d4     | 5.958          | 65   | 198536     | 50.377   | ug/l  | 0.00     |
| Spiked Amount 50.000          | Range 78 - 117 |      | Recovery = | 100.760% |       |          |
| 35) Dibromofluoromethane      | 5.385          | 113  | 126851     | 46.705   | ug/l  | 0.00     |
| Spiked Amount 50.000          | Range 75 - 124 |      | Recovery = | 93.400%  |       |          |
| 50) Toluene-d8                | 8.647          | 98   | 481569     | 47.995   | ug/l  | 0.00     |
| Spiked Amount 50.000          | Range 92 - 112 |      | Recovery = | 96.000%  |       |          |
| 62) 4-Bromofluorobenzene      | 11.079         | 95   | 186345     | 46.125   | ug/l  | 0.00     |
| Spiked Amount 50.000          | Range 83 - 123 |      | Recovery = | 92.260%  |       |          |
|                               |                |      |            |          |       |          |
| Target Compounds              |                |      |            |          |       |          |
|                               |                |      |            |          |       | Qvalue   |
| 13) Acrolein                  | 2.264          | 56   | 256        | 0.310    | ug/l  | # 14     |
| 16) Acetone                   | 2.434          | 43   | 3885       | 2.294    | ug/l  | 93       |
| 20) Methylene Chloride        | 2.788          | 84   | 1138       | 0.371    | ug/l  | # 86     |
| 31) Cyclohexane               | 5.544          | 56   | 6218       | 1.249    | ug/l  | # 16     |
| 36) 1,1-Dichloropropene       | 5.544          | 75   | 21901      | 5.109    | ug/l  | # 51     |
| 38) Carbon Tetrachloride      | 5.550          | 117  | 26952      | 6.637    | ug/l  | # 16     |
| 51) 4-Methyl-2-Pentanone      | 8.647          | 43   | 2899       | 0.645    | ug/l  | # 1      |
| 76) 1,2,3-Trichloropropane    | 11.079         | 75   | 104301     | 26.494   | ug/l  | # 34     |
| 81) trans-1,4-Dichloro-2-b... | 11.079         | 75   | 104301     | 85.387   | ug/l  | # 8      |
| -----                         |                |      |            |          |       |          |

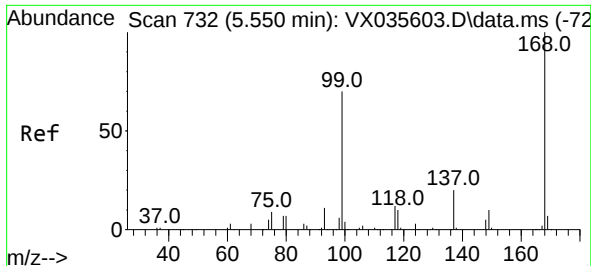
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X051123W.M  
Quant Title : SW846 8260  
QLast Update : Thu May 11 13:57:54 2023  
Response via : Initial Calibration

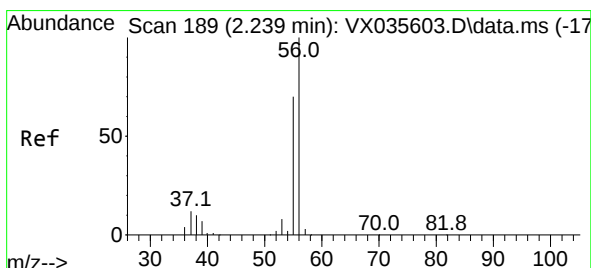
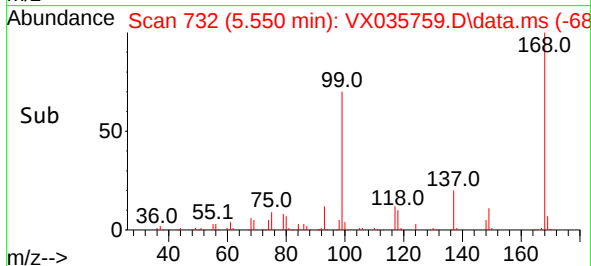
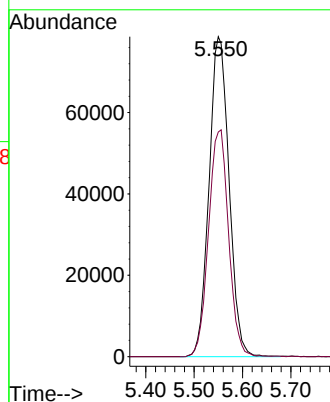
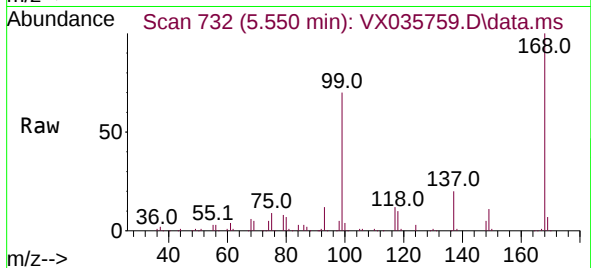




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.550 min Scan# 71  
Delta R.T. -0.000 min  
Lab File: VX035759.D  
Acq: 19 May 2023 14:45

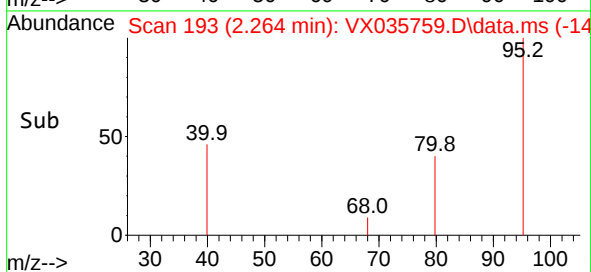
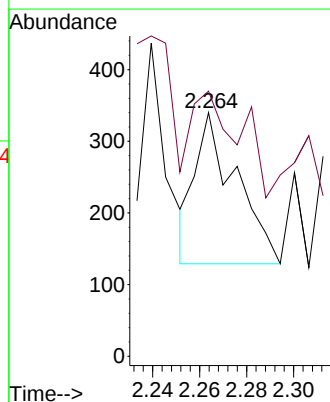
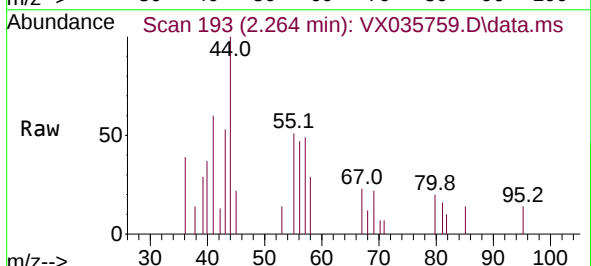
Instrument :  
MSVOA\_X  
ClientSampleId :  
TRE-1741

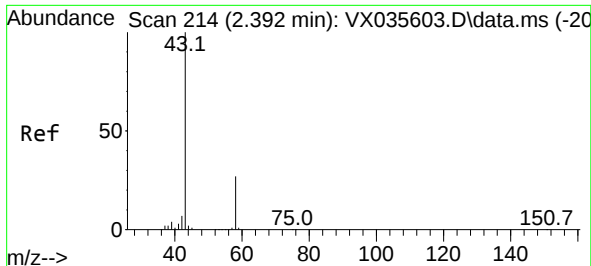
Tgt Ion:168 Resp: 225904  
Ion Ratio Lower Upper  
168 100  
99 70.2 45.7 68.5#



#13  
Acrolein  
Concen: 0.310 ug/l  
RT: 2.264 min Scan# 193  
Delta R.T. 0.025 min  
Lab File: VX035759.D  
Acq: 19 May 2023 14:45

Tgt Ion: 56 Resp: 256  
Ion Ratio Lower Upper  
56 100  
55 0.0 56.6 85.0#

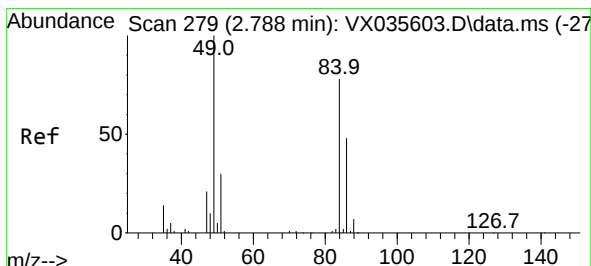
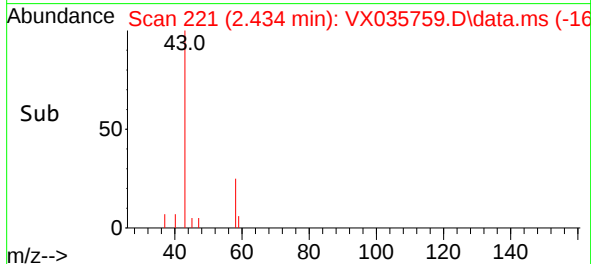
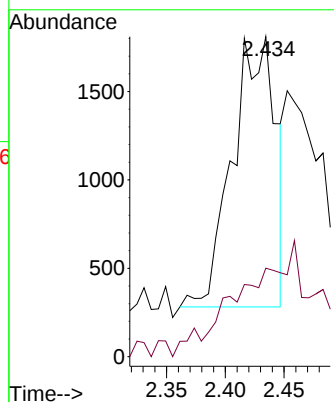
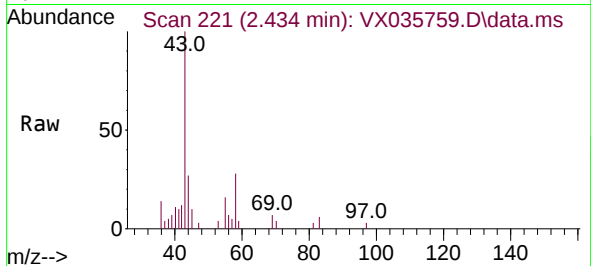




#16  
Acetone  
Concen: 2.294 ug/l  
RT: 2.434 min Scan# 214  
Delta R.T. 0.042 min  
Lab File: VX035759.D  
Acq: 19 May 2023 14:45

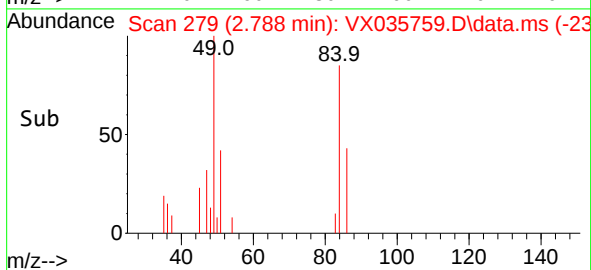
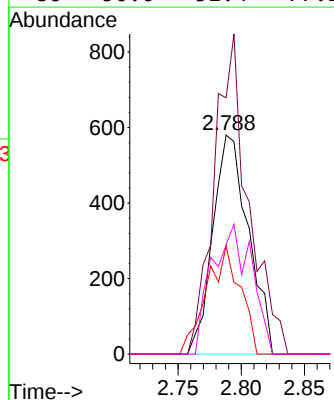
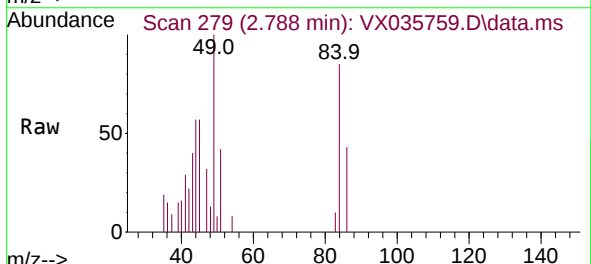
Instrument :  
MSVOA\_X  
ClientSampleId :  
TRE-1741

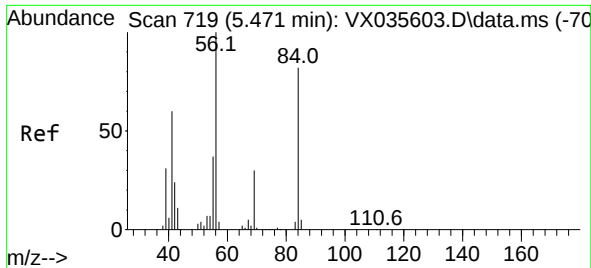
Tgt Ion: 43 Resp: 3885  
Ion Ratio Lower Upper  
43 100  
58 27.1 24.7 37.1



#20  
Methylene Chloride  
Concen: 0.371 ug/l  
RT: 2.788 min Scan# 279  
Delta R.T. 0.000 min  
Lab File: VX035759.D  
Acq: 19 May 2023 14:45

Tgt Ion: 84 Resp: 1138  
Ion Ratio Lower Upper  
84 100  
49 117.1 103.8 155.8  
51 49.3 31.8 47.8#  
86 50.0 51.4 77.2#

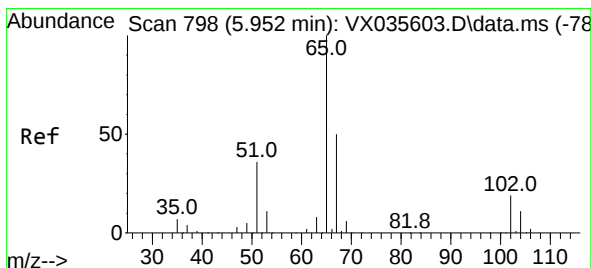
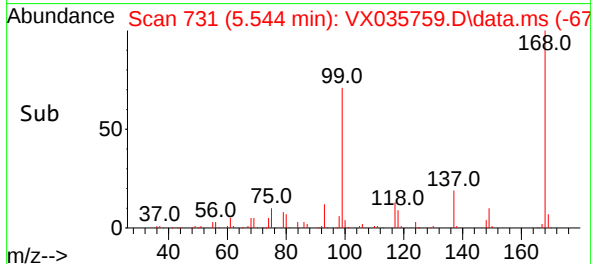
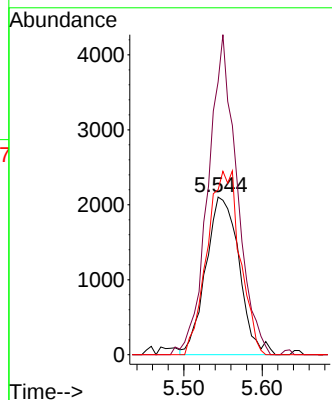
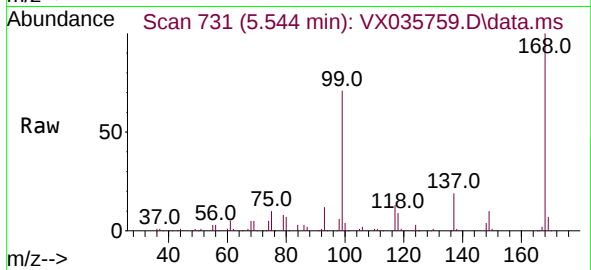




#31  
Cyclohexane  
Concen: 1.249 ug/l  
RT: 5.544 min Scan# 719  
Delta R.T. 0.073 min  
Lab File: VX035759.D  
Acq: 19 May 2023 14:45

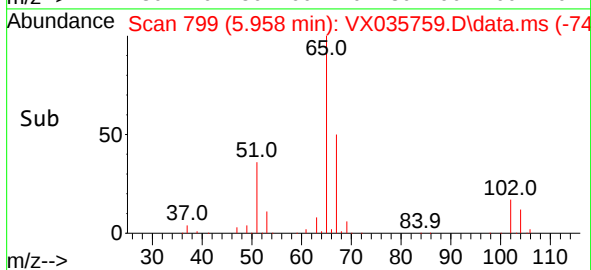
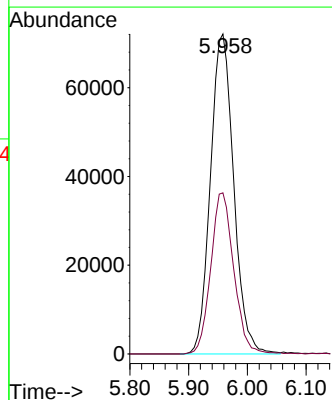
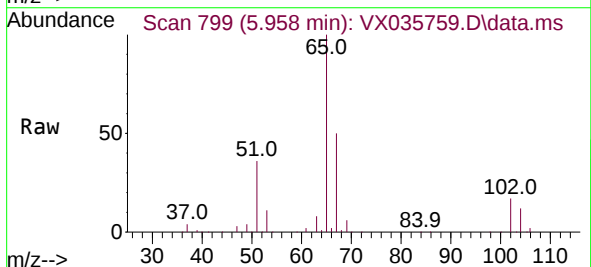
Instrument :  
MSVOA\_X  
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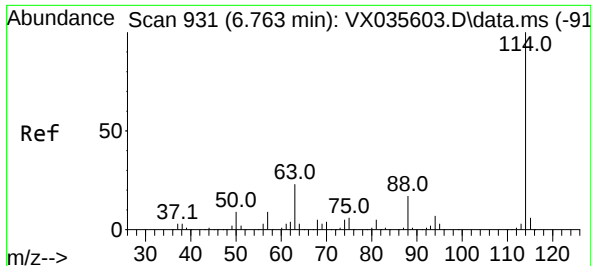
Tgt Ion: 56 Resp: 6218  
Ion Ratio Lower Upper  
56 100  
69 173.2 23.7 35.5#  
84 104.7 68.5 102.7#



#33  
1,2-Dichloroethane-d4  
Concen: 50.377 ug/l  
RT: 5.958 min Scan# 799  
Delta R.T. 0.006 min  
Lab File: VX035759.D  
Acq: 19 May 2023 14:45

Tgt Ion: 65 Resp: 198536  
Ion Ratio Lower Upper  
65 100  
67 49.8 0.0 104.0

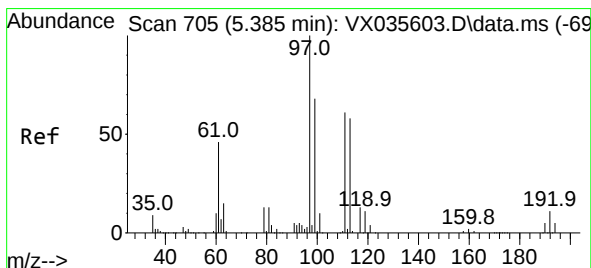
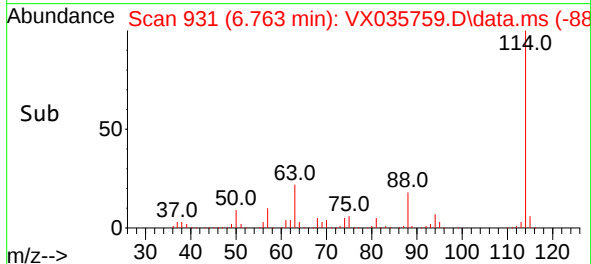
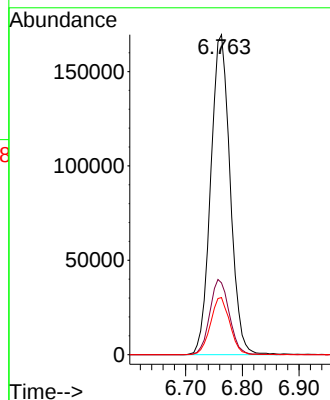
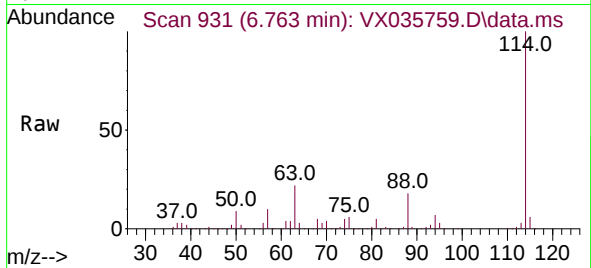




#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 6.763 min Scan# 91  
Delta R.T. -0.000 min  
Lab File: VX035759.D  
Acq: 19 May 2023 14:45

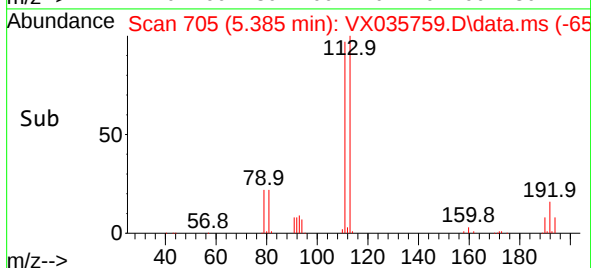
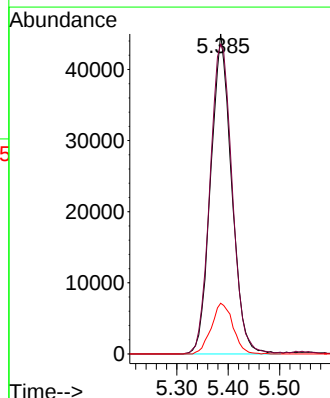
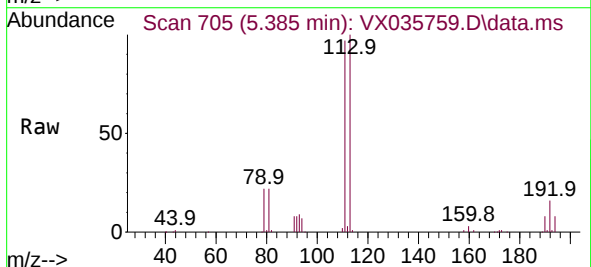
Instrument :  
MSVOA\_X  
ClientSampleId :  
TRE-1741

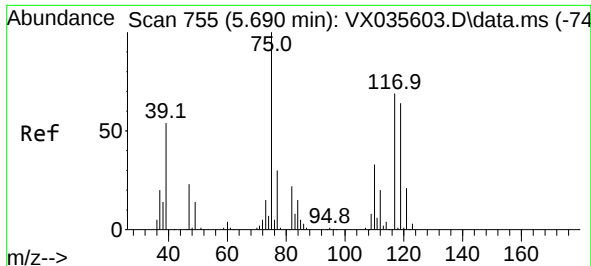
Tgt Ion:114 Resp: 402735  
Ion Ratio Lower Upper  
114 100  
63 22.5 0.0 42.2  
88 17.9 0.0 33.2



#35  
Dibromofluoromethane  
Concen: 46.705 ug/l  
RT: 5.385 min Scan# 705  
Delta R.T. 0.000 min  
Lab File: VX035759.D  
Acq: 19 May 2023 14:45

Tgt Ion:113 Resp: 126851  
Ion Ratio Lower Upper  
113 100  
111 103.3 83.7 125.5  
192 16.4 15.4 23.2





#36

1,1-Dichloropropene

Concen: 5.109 ug/l

RT: 5.544 min Scan# 71

Delta R.T. -0.146 min

Lab File: VX035759.D

Acq: 19 May 2023 14:45

Instrument :

MSVOA\_X

ClientSampleId :

TRE-1741

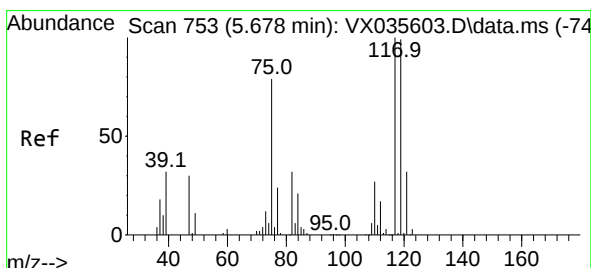
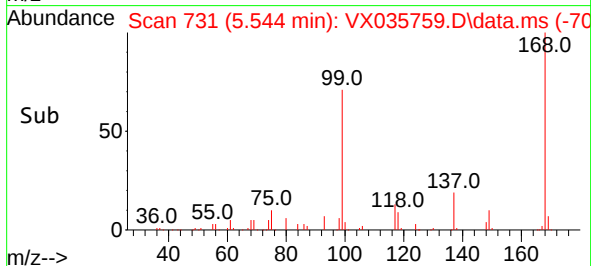
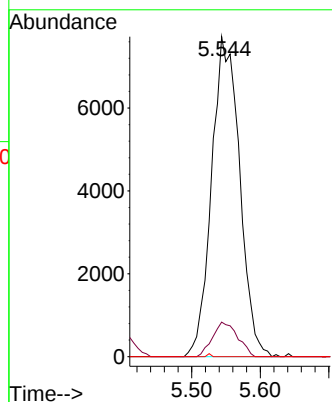
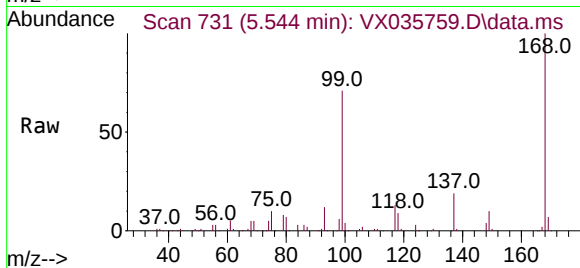
Tgt Ion: 75 Resp: 21901

Ion Ratio Lower Upper

75 100

110 9.7 17.5 52.5#

77 0.1 24.3 36.5#



#38

Carbon Tetrachloride

Concen: 6.637 ug/l

RT: 5.550 min Scan# 732

Delta R.T. -0.128 min

Lab File: VX035759.D

Acq: 19 May 2023 14:45

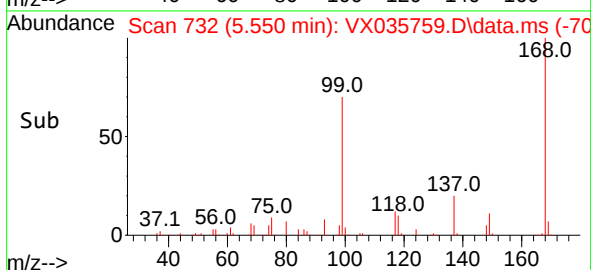
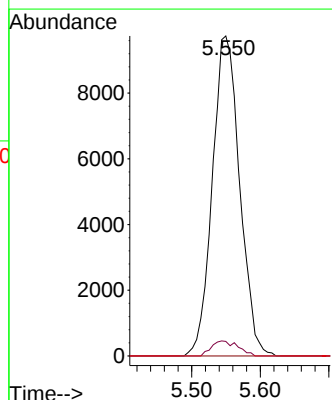
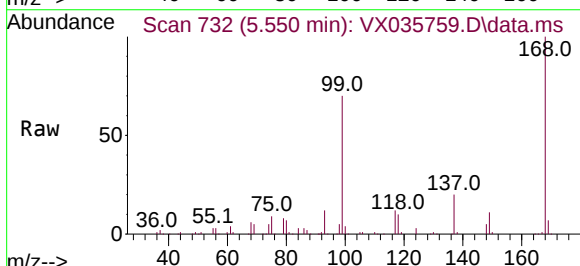
Tgt Ion: 117 Resp: 26952

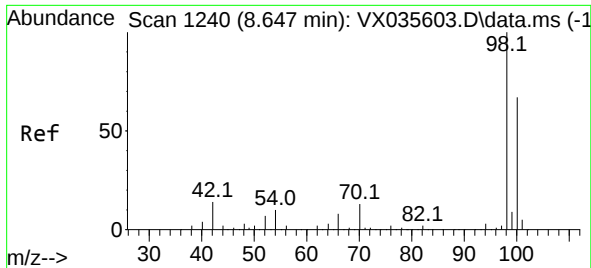
Ion Ratio Lower Upper

117 100

119 4.5 76.6 114.8#

121 0.0 23.8 35.6#

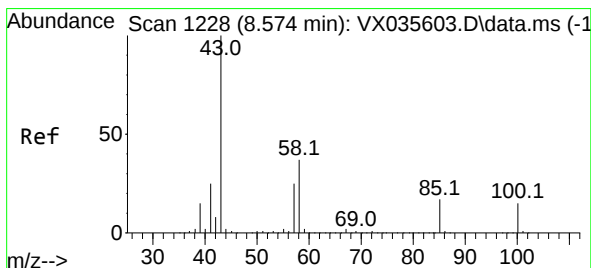
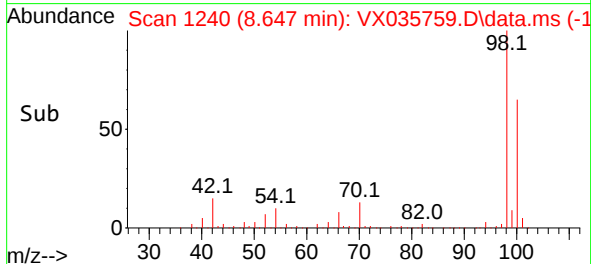
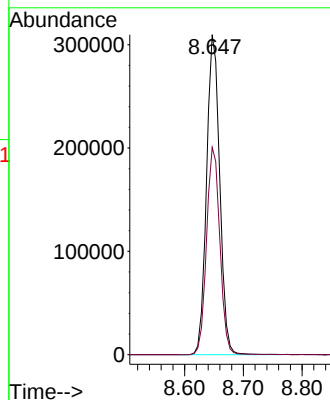
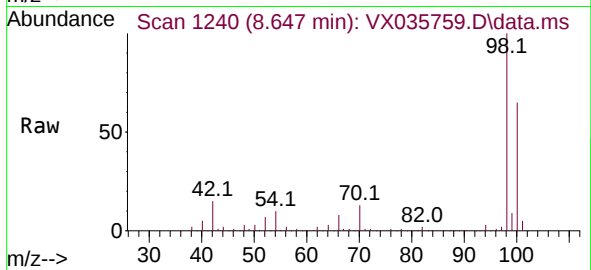




#50  
Toluene-d8  
Concen: 47.995 ug/l  
RT: 8.647 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VX035759.D  
Acq: 19 May 2023 14:45

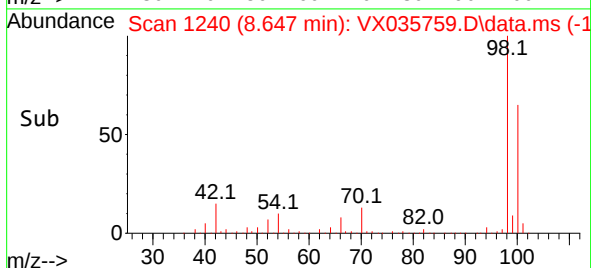
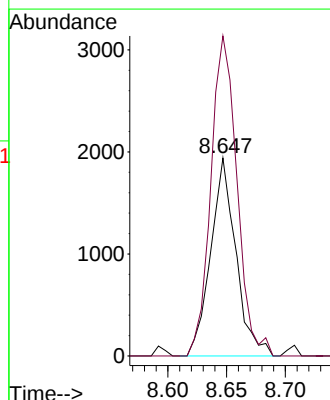
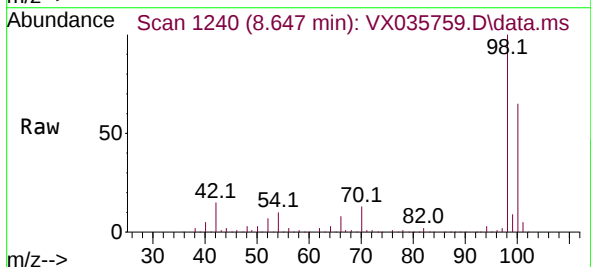
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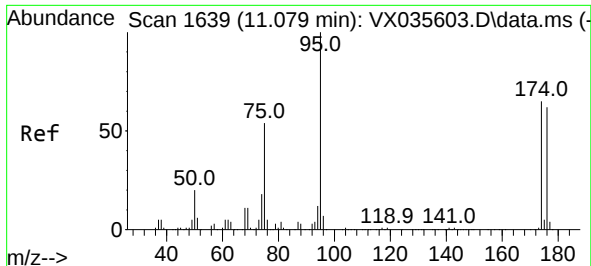
Tgt Ion: 98 Resp: 481569  
Ion Ratio Lower Upper  
98 100  
100 65.5 52.5 78.7



#51  
4-Methyl-2-Pentanone  
Concen: 0.645 ug/l  
RT: 8.647 min Scan# 1240  
Delta R.T. 0.073 min  
Lab File: VX035759.D  
Acq: 19 May 2023 14:45

Tgt Ion: 43 Resp: 2899  
Ion Ratio Lower Upper  
43 100  
58 167.9 30.6 46.0#





#62

4-Bromofluorobenzene

Concen: 46.125 ug/l

RT: 11.079 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX035759.D

Acq: 19 May 2023 14:45

Instrument :

MSVOA\_X

ClientSampleId :

TRE-1741

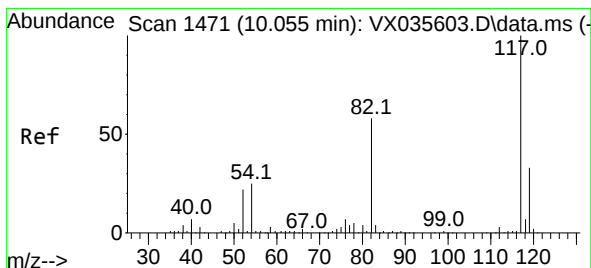
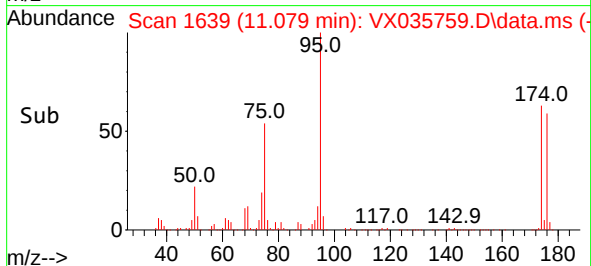
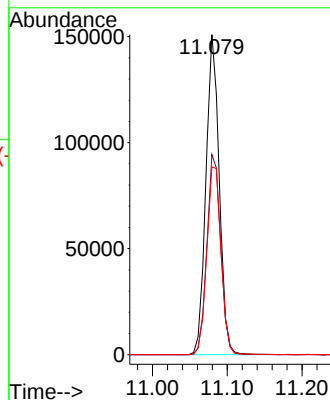
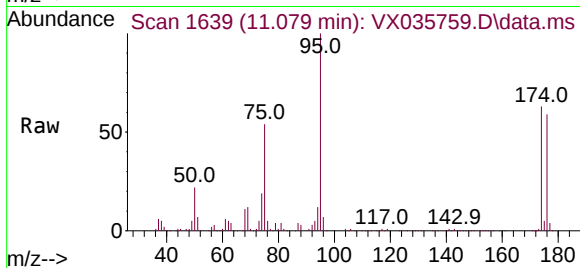
Tgt Ion: 95 Resp: 186345

Ion Ratio Lower Upper

95 100

174 64.8 0.0 147.4

176 62.9 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: VX035759.D

Acq: 19 May 2023 14:45

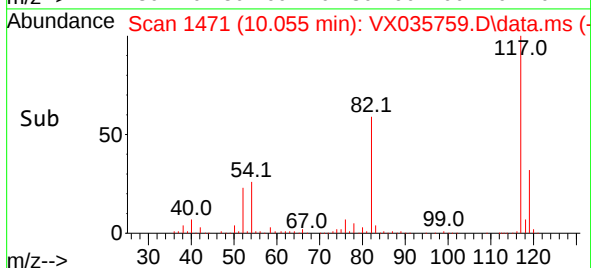
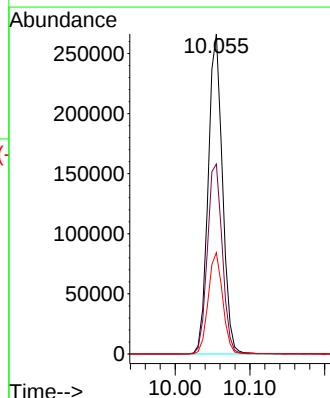
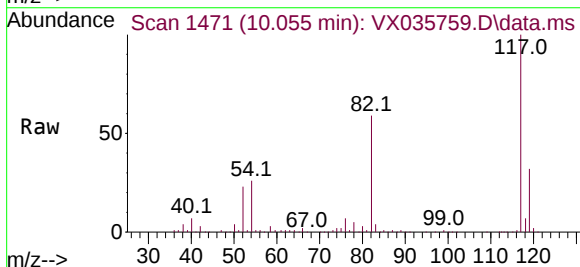
Tgt Ion: 117 Resp: 353555

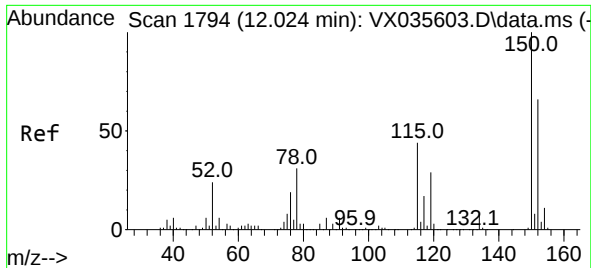
Ion Ratio Lower Upper

117 100

82 59.4 45.0 67.4

119 31.7 26.0 39.0

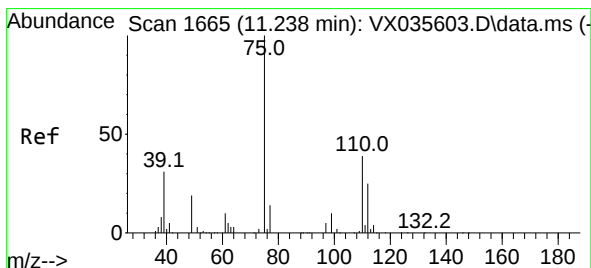
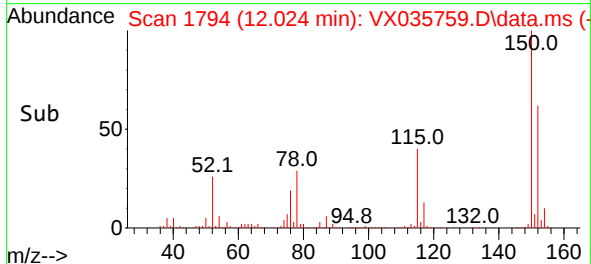
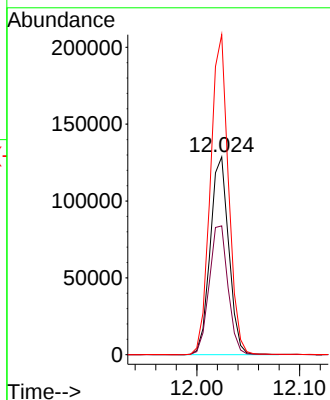
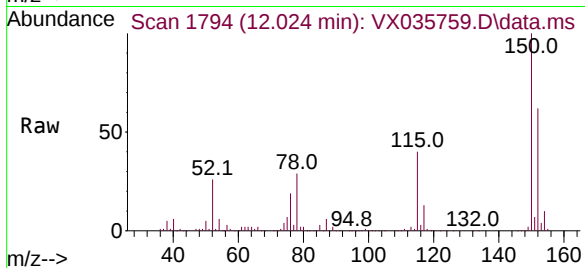




#72  
 1,4-Dichlorobenzene-d4  
 Concen: 50.000 ug/l  
 RT: 12.024 min Scan# 11  
 Delta R.T. 0.000 min  
 Lab File: VX035759.D  
 Acq: 19 May 2023 14:45

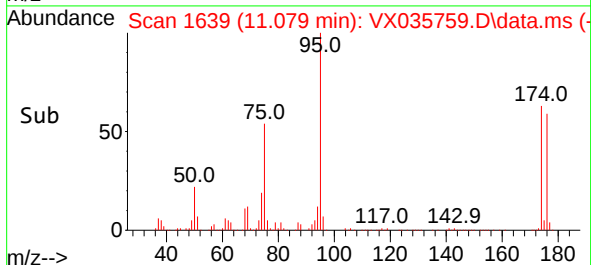
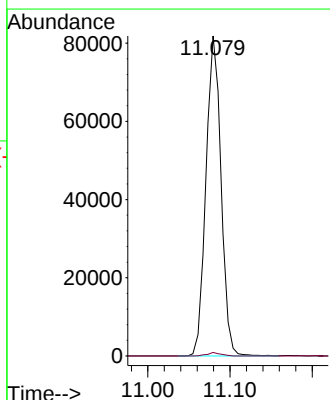
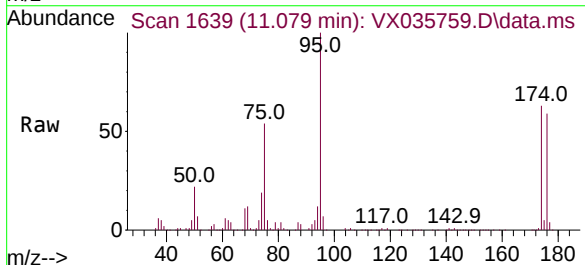
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 TRE-1741

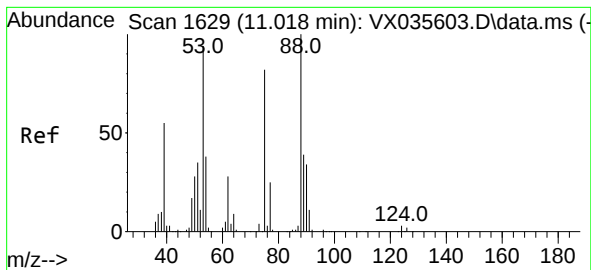
Tgt Ion:152 Resp: 160944  
 Ion Ratio Lower Upper  
 152 100  
 115 66.4 45.0 135.0  
 150 158.0 0.0 352.4



#76  
 1,2,3-Trichloropropane  
 Concen: 26.494 ug/l  
 RT: 11.079 min Scan# 1639  
 Delta R.T. -0.159 min  
 Lab File: VX035759.D  
 Acq: 19 May 2023 14:45

Tgt Ion: 75 Resp: 104301  
 Ion Ratio Lower Upper  
 75 100  
 77 1.0 21.6 64.8#





#81  
 trans-1,4-Dichloro-2-butene  
 Concen: 85.387 ug/l  
 RT: 11.079 min Scan# 1  
 Delta R.T. 0.061 min  
 Lab File: VX035759.D  
 Acq: 19 May 2023 14:45

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 TRE-1741

Tgt Ion: 75 Resp: 104301  
 Ion Ratio Lower Upper  
 75 100  
 53 0.0 82.6 124.0#  
 89 0.0 36.9 55.3#

