

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX092023\  
 Data File : VX037834.D  
 Acq On : 20 Sep 2023 15:29  
 Operator : JC/MD  
 Sample : 04526-10  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 17 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :

Quant Time: Sep 21 05:57:56 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X091523W.M  
 Quant Title : SW846 8260  
 QLast Update : Sat Sep 16 04:55:44 2023  
 Response via : Initial Calibration

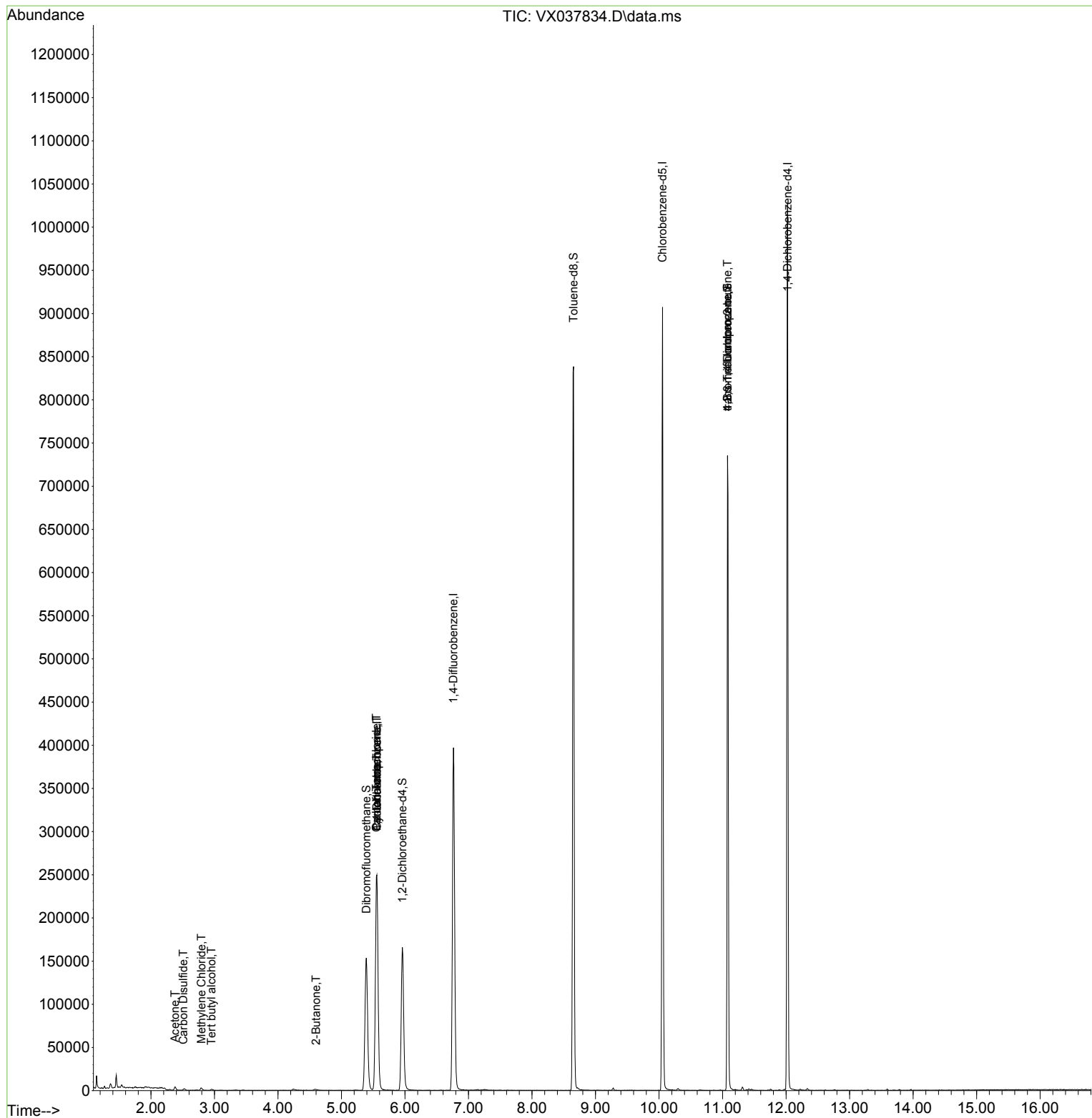
| Compound                      | R.T.   | QIon  | Response | Conc     | Units      | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|------------|----------|
| -----                         |        |       |          |          |            |          |
| Internal Standards            |        |       |          |          |            |          |
| 1) Pentafluorobenzene         | 5.556  | 168   | 241626   | 50.000   | ug/l       | 0.00     |
| 34) 1,4-Difluorobenzene       | 6.763  | 114   | 423431   | 50.000   | ug/l       | 0.00     |
| 63) Chlorobenzene-d5          | 10.055 | 117   | 410511   | 50.000   | ug/l       | 0.00     |
| 72) 1,4-Dichlorobenzene-d4    | 12.024 | 152   | 217930   | 50.000   | ug/l       | 0.00     |
| System Monitoring Compounds   |        |       |          |          |            |          |
| 33) 1,2-Dichloroethane-d4     | 5.958  | 65    | 158847   | 50.037   | ug/l       | 0.00     |
| Spiked Amount                 | 50.000 | Range | 78 - 117 | Recovery | = 100.080% |          |
| 35) Dibromofluoromethane      | 5.391  | 113   | 135107   | 47.687   | ug/l       | 0.00     |
| Spiked Amount                 | 50.000 | Range | 75 - 124 | Recovery | = 95.380%  |          |
| 50) Toluene-d8                | 8.653  | 98    | 513721   | 48.800   | ug/l       | 0.00     |
| Spiked Amount                 | 50.000 | Range | 92 - 112 | Recovery | = 97.600%  |          |
| 62) 4-Bromofluorobenzene      | 11.079 | 95    | 197235   | 51.560   | ug/l       | 0.00     |
| Spiked Amount                 | 50.000 | Range | 83 - 123 | Recovery | = 103.120% |          |
| Target Compounds              |        |       |          |          |            |          |
|                               |        |       |          |          | Qvalue     |          |
| 11) Tert butyl alcohol        | 2.953  | 59    | 1332     | 1.955    | ug/l #     | 90       |
| 16) Acetone                   | 2.380  | 43    | 4287     | 2.807    | ug/l #     | 72       |
| 17) Carbon Disulfide          | 2.508  | 76    | 1474     | 0.249    | ug/l #     | 92       |
| 20) Methylene Chloride        | 2.794  | 84    | 1323     | 0.444    | ug/l       | 90       |
| 25) 2-Butanone                | 4.599  | 43    | 1951     | 0.905    | ug/l #     | 87       |
| 31) Cyclohexane               | 5.556  | 56    | 5045     | 1.238    | ug/l #     | 3        |
| 36) 1,1-Dichloropropene       | 5.556  | 75    | 18929    | 4.850    | ug/l #     | 50       |
| 38) Carbon Tetrachloride      | 5.550  | 117   | 24679    | 6.043    | ug/l #     | 15       |
| 76) 1,2,3-Trichloropropane    | 11.079 | 75    | 100328   | 19.904   | ug/l #     | 39       |
| 81) trans-1,4-Dichloro-2-b... | 11.079 | 75    | 100328   | 63.761   | ug/l #     | 5        |
| -----                         |        |       |          |          |            |          |

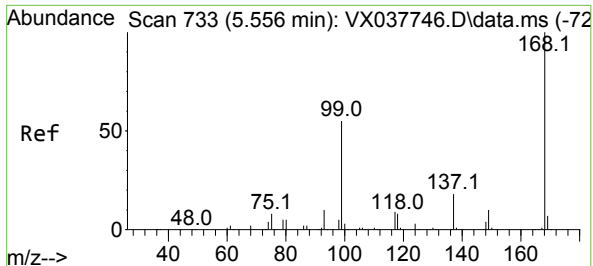
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX092023\  
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Sample : 04526-10  
Misc : 5.0mL/MSVOA\_X/WATER  
ALS Vial : 17 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :

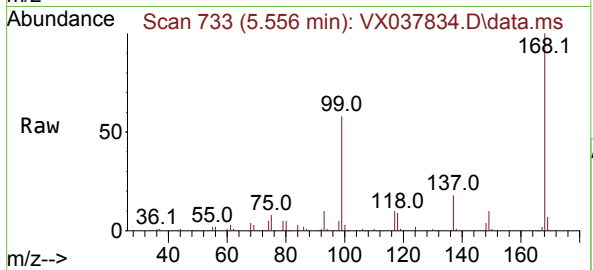
Quant Time: Sep 21 05:57:56 2023  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X091523W.M  
Quant Title : SW846 8260  
QLast Update : Sat Sep 16 04:55:44 2023  
Response via : Initial Calibration



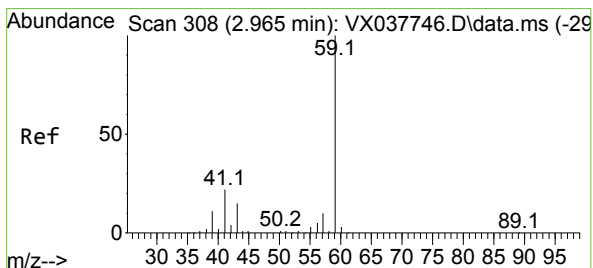
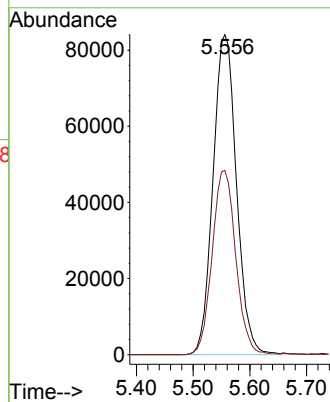
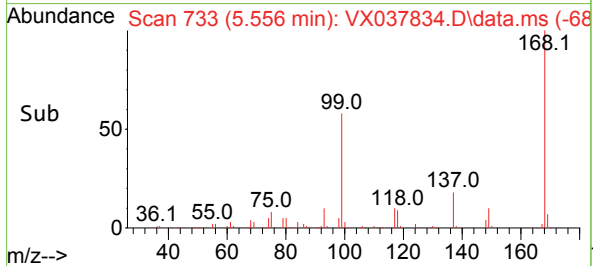


#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.556 min Scan# 71  
Delta R.T. 0.006 min  
Lab File: VX037834.D  
Acq: 20 Sep 2023 15:29

Instrument :  
MSVOA\_X  
ClientSampleId :

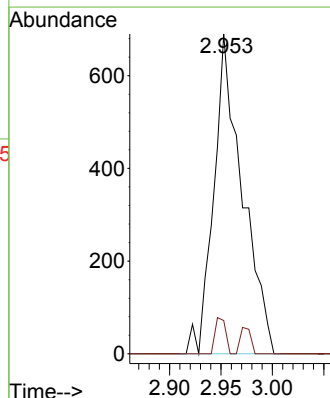
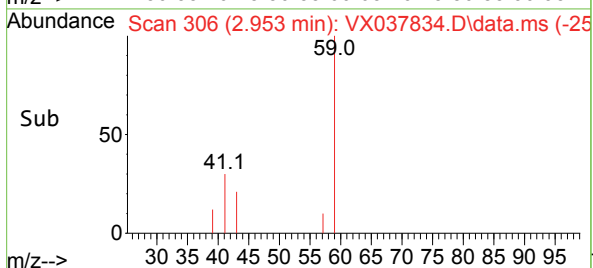
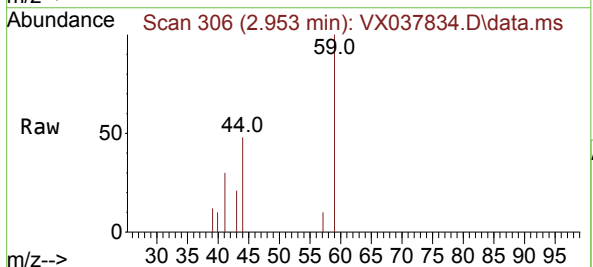


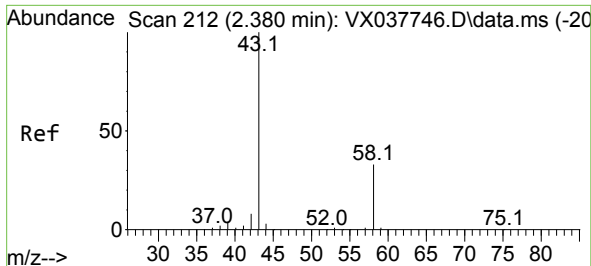
Tgt Ion:168 Resp: 241626  
Ion Ratio Lower Upper  
168 100  
99 57.6 56.6 85.0



#11  
Tert butyl alcohol  
Concen: 1.955 ug/l  
RT: 2.953 min Scan# 306  
Delta R.T. -0.012 min  
Lab File: VX037834.D  
Acq: 20 Sep 2023 15:29

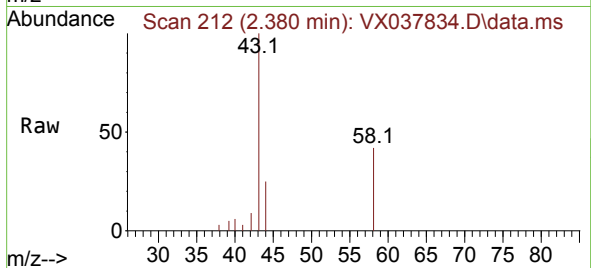
Tgt Ion: 59 Resp: 1332  
Ion Ratio Lower Upper  
59 100  
57 4.1 6.0 9.0#



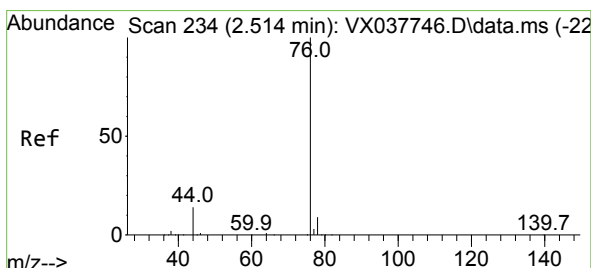
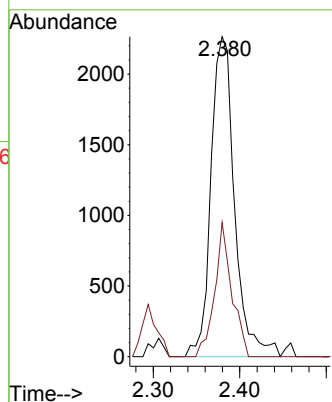
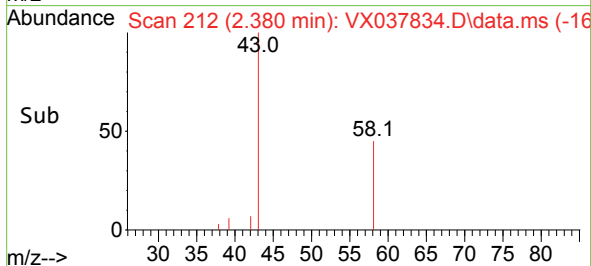


#16  
Acetone  
Concen: 2.807 ug/l  
RT: 2.380 min Scan# 212  
Delta R.T. -0.000 min  
Lab File: VX037834.D  
Acq: 20 Sep 2023 15:29

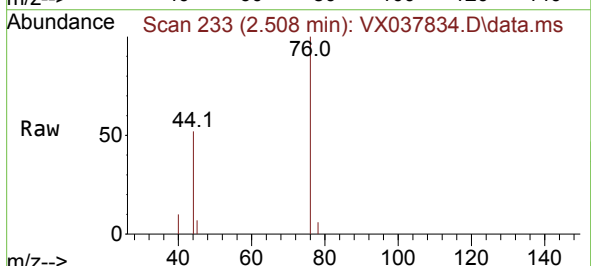
Instrument :  
MSVOA\_X  
ClientSampleId :



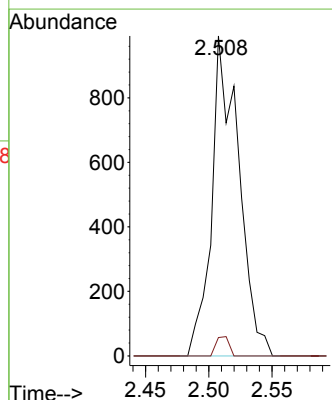
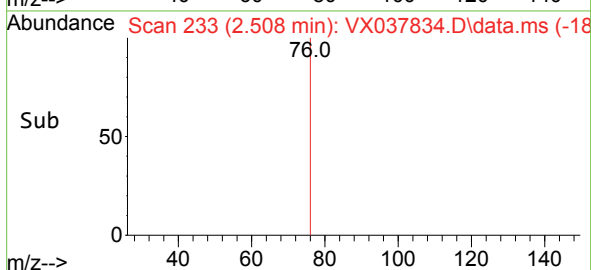
Tgt Ion: 43 Resp: 4287  
Ion Ratio Lower Upper  
43 100  
58 41.9 21.9 32.9#

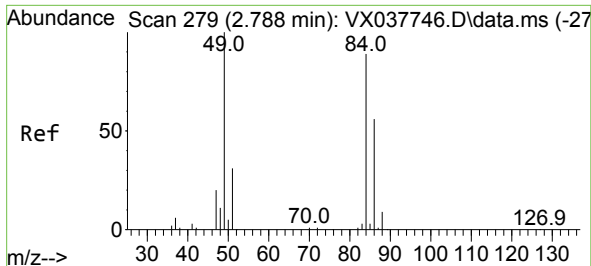


#17  
Carbon Disulfide  
Concen: 0.249 ug/l  
RT: 2.508 min Scan# 233  
Delta R.T. -0.006 min  
Lab File: VX037834.D  
Acq: 20 Sep 2023 15:29



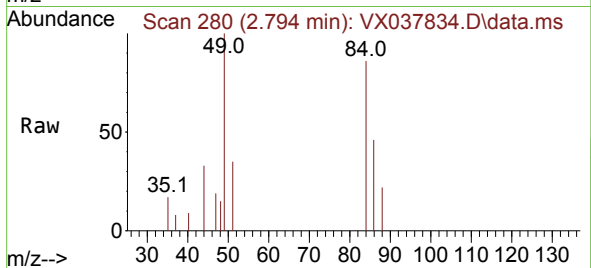
Tgt Ion: 76 Resp: 1474  
Ion Ratio Lower Upper  
76 100  
78 5.7 7.0 10.6#



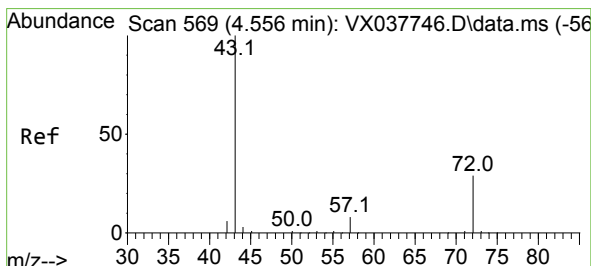
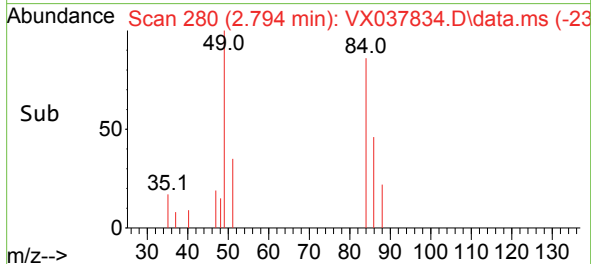
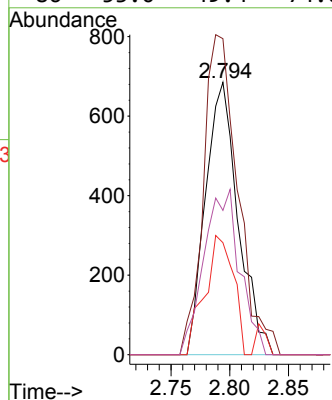


#20  
Methylene Chloride  
Concen: 0.444 ug/l  
RT: 2.794 min Scan# 21  
Delta R.T. 0.006 min  
Lab File: VX037834.D  
Acq: 20 Sep 2023 15:29

Instrument :  
MSVOA\_X  
ClientSampleId :

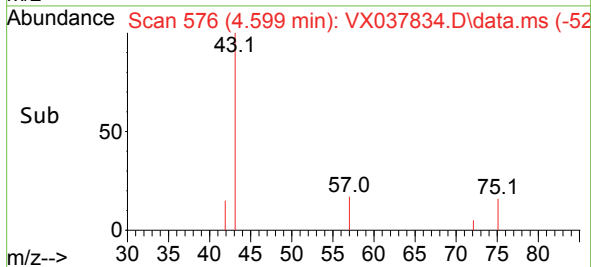
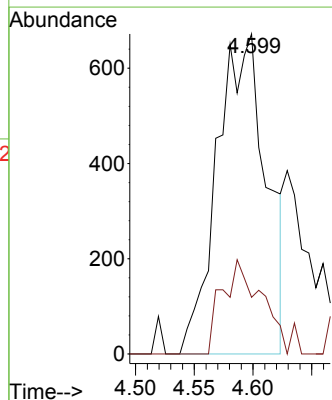
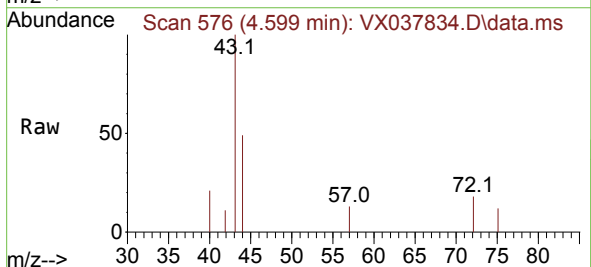


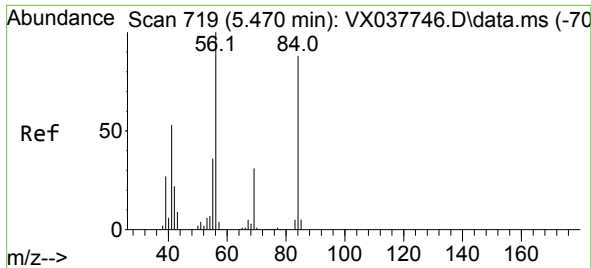
|             |             |
|-------------|-------------|
| Tgt Ion: 84 | Resp: 1323  |
| Ion Ratio   | Lower Upper |
| 84 100      |             |
| 49 116.1    | 103.6 155.4 |
| 51 41.2     | 33.8 50.6   |
| 86 53.0     | 49.4 74.0   |



#25  
2-Butanone  
Concen: 0.905 ug/l  
RT: 4.599 min Scan# 576  
Delta R.T. 0.030 min  
Lab File: VX037834.D  
Acq: 20 Sep 2023 15:29

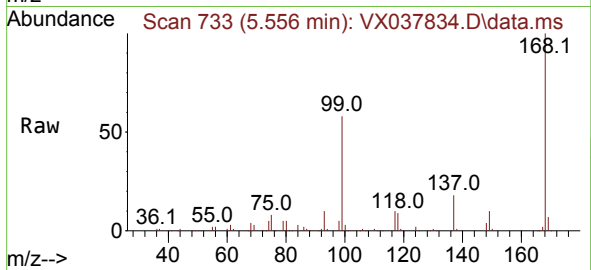
|             |             |
|-------------|-------------|
| Tgt Ion: 43 | Resp: 1951  |
| Ion Ratio   | Lower Upper |
| 43 100      |             |
| 72 17.7     | 19.4 29.2#  |



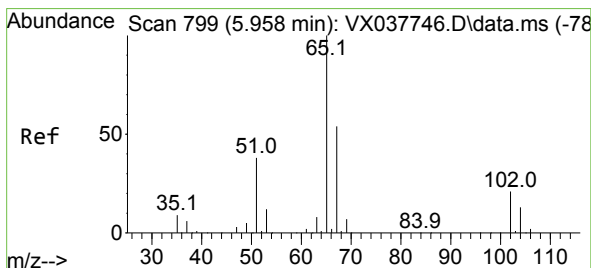
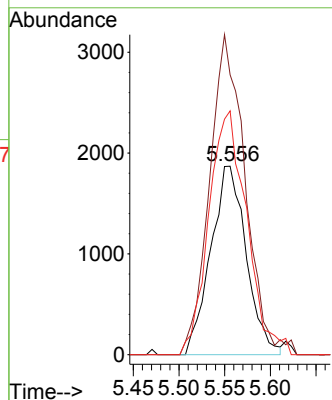
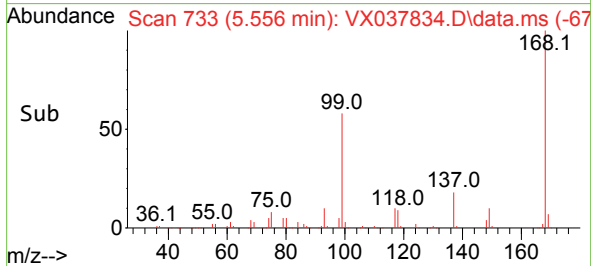


#31  
Cyclohexane  
Concen: 1.238 ug/l  
RT: 5.556 min Scan# 719  
Delta R.T. 0.085 min  
Lab File: VX037834.D  
Acq: 20 Sep 2023 15:29

Instrument :  
MSVOA\_X  
ClientSampleId :

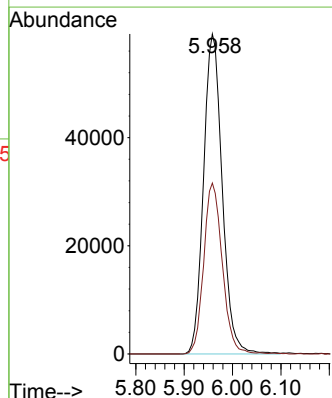
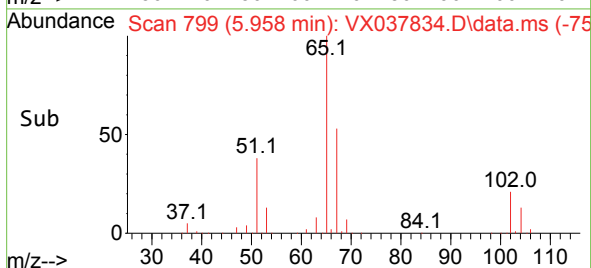
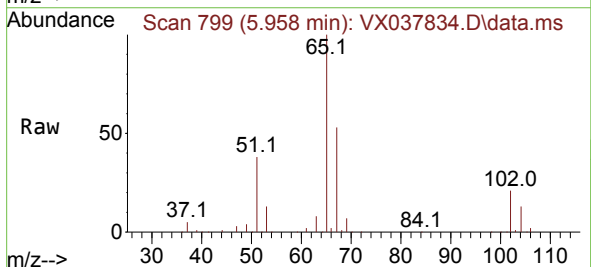


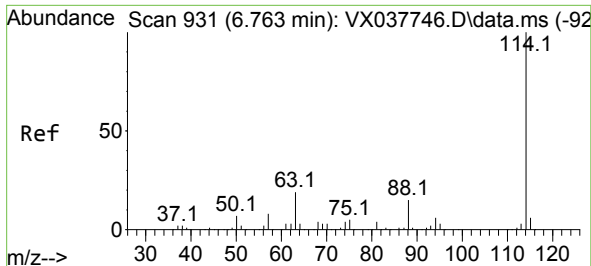
Tgt Ion: 56 Resp: 5045  
Ion Ratio Lower Upper  
56 100  
69 148.4 23.4 35.2#  
84 129.4 65.9 98.9#



#33  
1,2-Dichloroethane-d4  
Concen: 50.037 ug/l  
RT: 5.958 min Scan# 799  
Delta R.T. 0.000 min  
Lab File: VX037834.D  
Acq: 20 Sep 2023 15:29

Tgt Ion: 65 Resp: 158847  
Ion Ratio Lower Upper  
65 100  
67 53.0 0.0 100.2

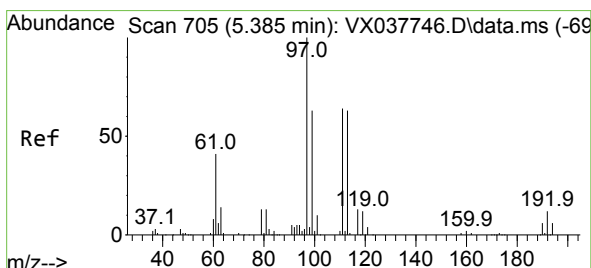
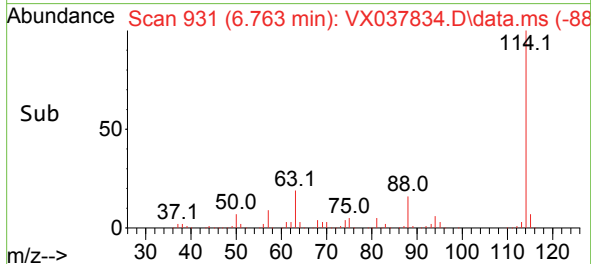
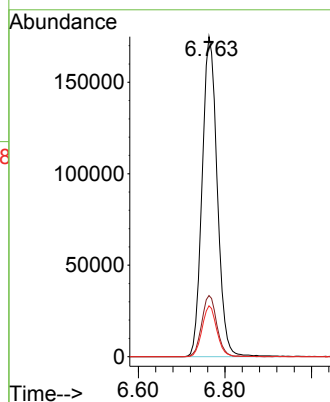
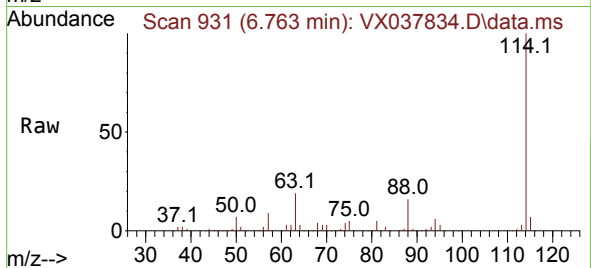




#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 6.763 min Scan# 91  
Delta R.T. -0.000 min  
Lab File: VX037834.D  
Acq: 20 Sep 2023 15:29

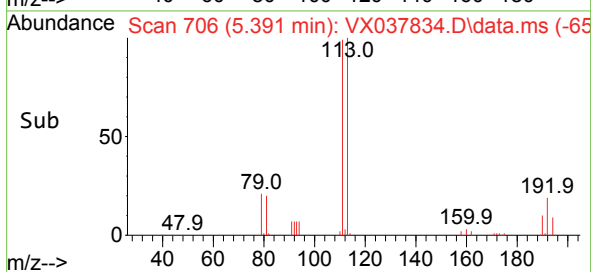
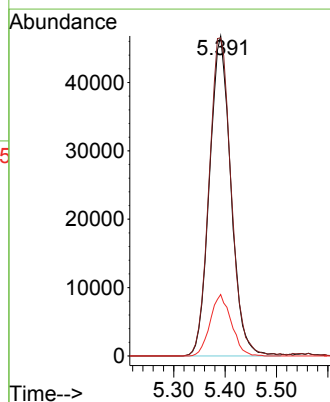
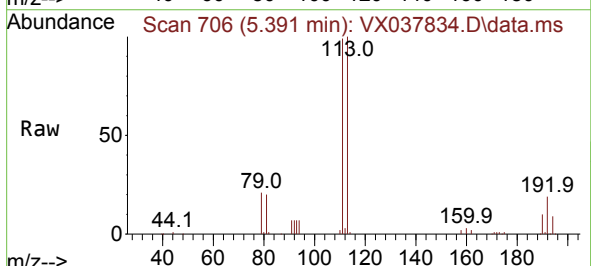
Instrument :  
MSVOA\_X  
ClientSampleId :

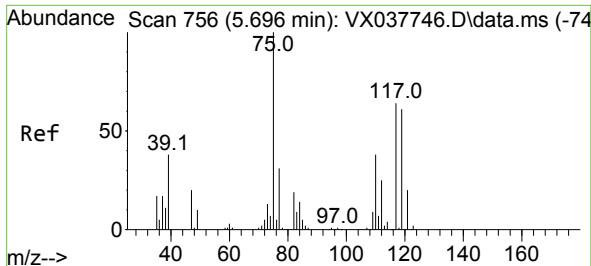
Tgt Ion:114 Resp: 423431  
Ion Ratio Lower Upper  
114 100  
63 19.1 0.0 45.0  
88 15.9 0.0 36.6



#35  
Dibromofluoromethane  
Concen: 47.687 ug/l  
RT: 5.391 min Scan# 706  
Delta R.T. 0.006 min  
Lab File: VX037834.D  
Acq: 20 Sep 2023 15:29

Tgt Ion:113 Resp: 135107  
Ion Ratio Lower Upper  
113 100  
111 102.4 82.9 124.3  
192 19.0 13.3 19.9

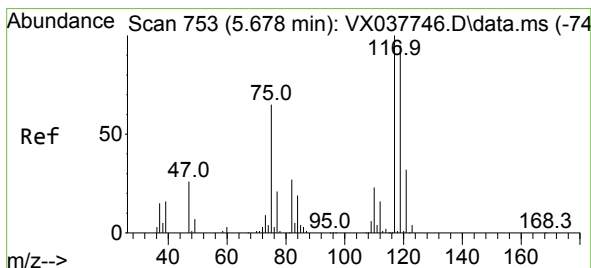
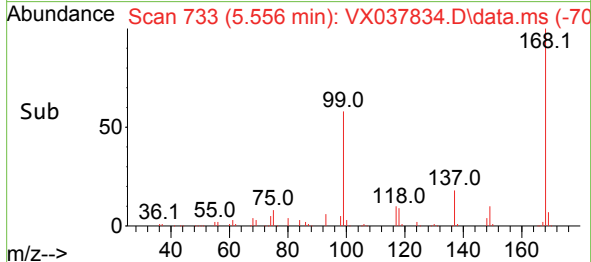
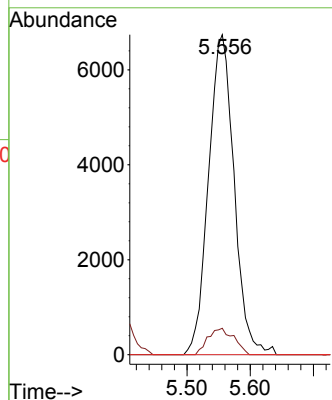
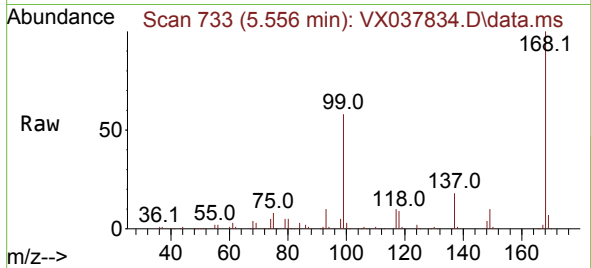




#36  
1,1-Dichloropropene  
Concen: 4.850 ug/l  
RT: 5.556 min Scan# 71  
Delta R.T. -0.140 min  
Lab File: VX037834.D  
Acq: 20 Sep 2023 15:29

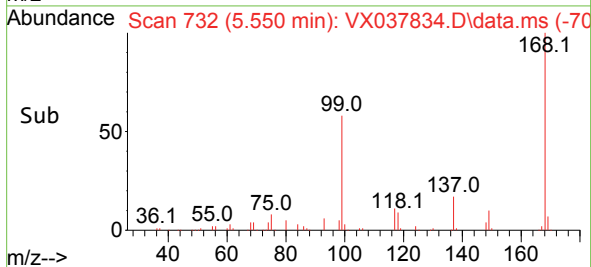
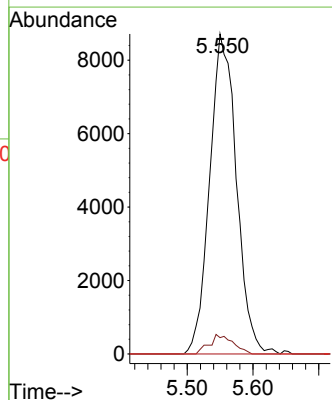
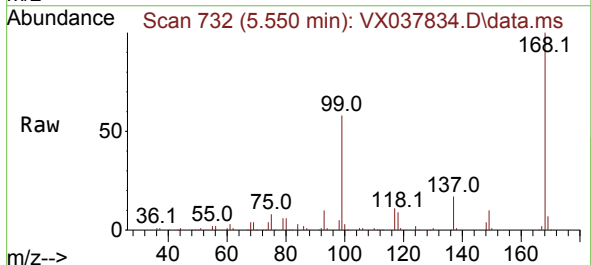
Instrument :  
MSVOA\_X  
ClientSampleId :

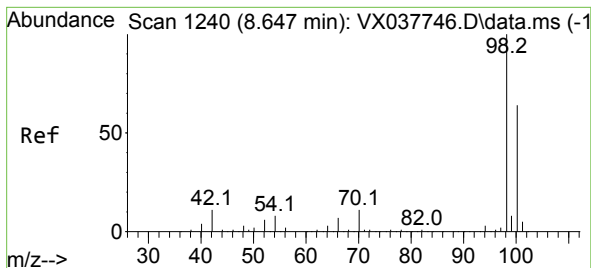
Tgt Ion: 75 Resp: 18929  
Ion Ratio Lower Upper  
75 100  
110 8.4 17.0 50.9#  
77 0.0 24.7 37.1#



#38  
Carbon Tetrachloride  
Concen: 6.043 ug/l  
RT: 5.550 min Scan# 732  
Delta R.T. -0.128 min  
Lab File: VX037834.D  
Acq: 20 Sep 2023 15:29

Tgt Ion: 117 Resp: 24679  
Ion Ratio Lower Upper  
117 100  
119 5.1 78.2 117.2#  
121 0.0 24.4 36.6#





#50

Toluene-d8

Concen: 48.800 ug/l

RT: 8.653 min Scan# 11

Delta R.T. 0.006 min

Lab File: VX037834.D

Acq: 20 Sep 2023 15:29

Instrument :

MSVOA\_X

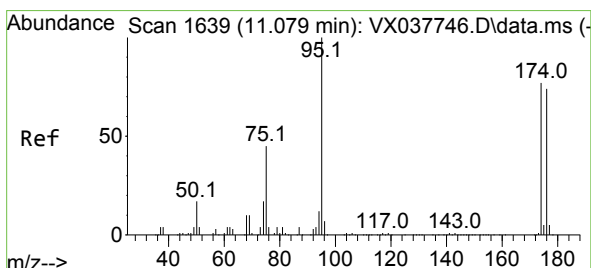
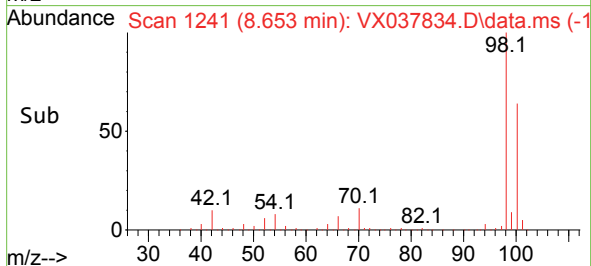
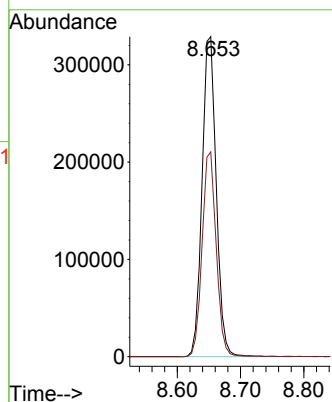
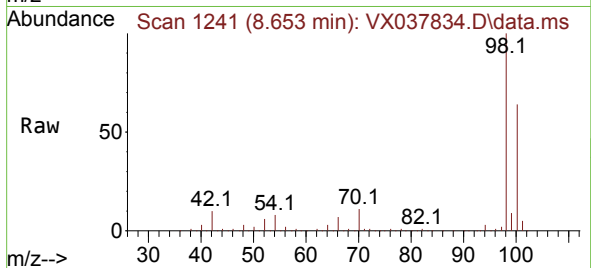
ClientSampleId :

Tgt Ion: 98 Resp: 513721

Ion Ratio Lower Upper

98 100

100 63.7 53.1 79.7



#62

4-Bromofluorobenzene

Concen: 51.560 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX037834.D

Acq: 20 Sep 2023 15:29

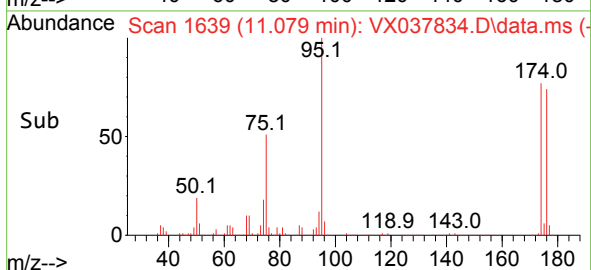
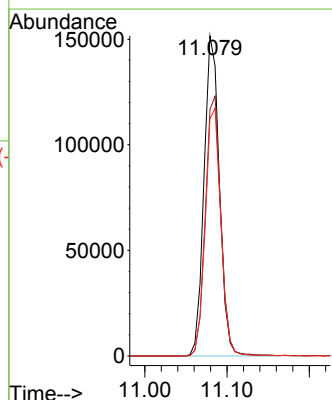
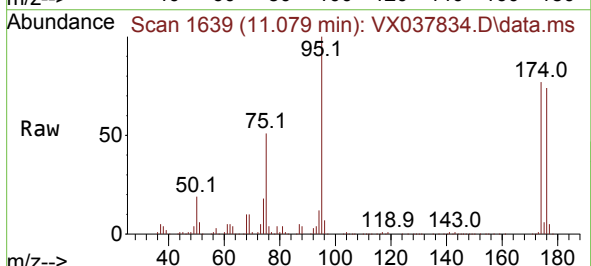
Tgt Ion: 95 Resp: 197235

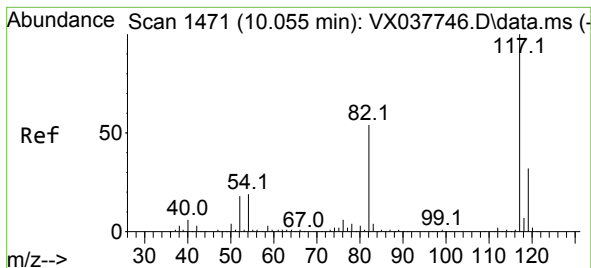
Ion Ratio Lower Upper

95 100

174 82.0 0.0 135.6

176 78.5 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: VX037834.D

Acq: 20 Sep 2023 15:29

Instrument :

MSVOA\_X

ClientSampleId :

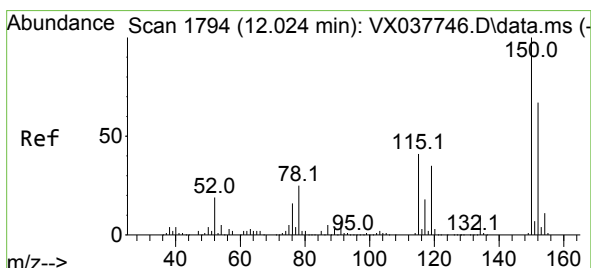
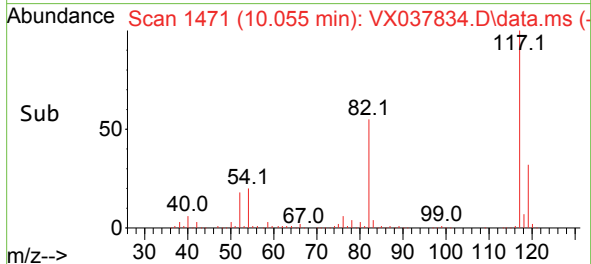
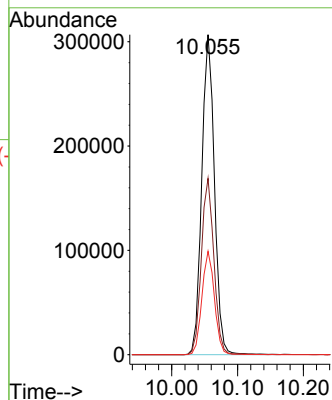
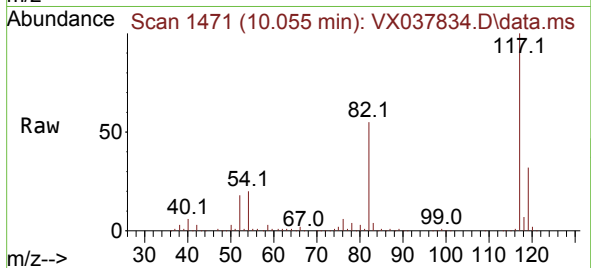
Tgt Ion:117 Resp: 410511

Ion Ratio Lower Upper

117 100

82 55.1 46.2 69.4

119 32.3 25.5 38.3



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. -0.000 min

Lab File: VX037834.D

Acq: 20 Sep 2023 15:29

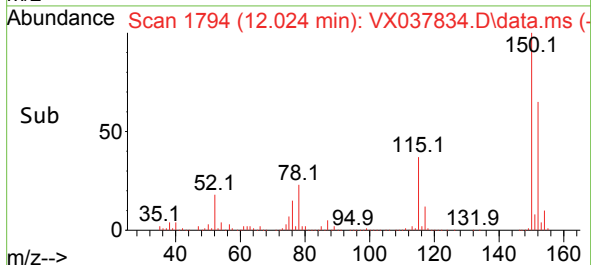
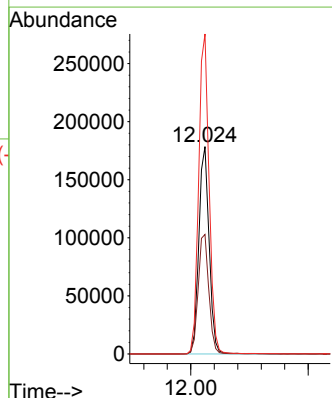
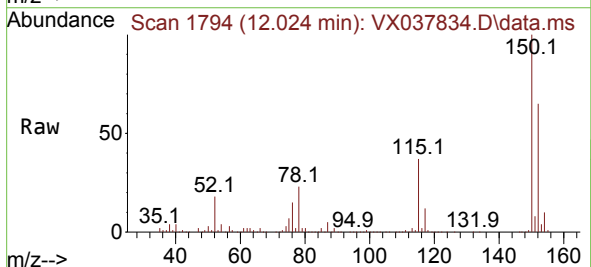
Tgt Ion:152 Resp: 217930

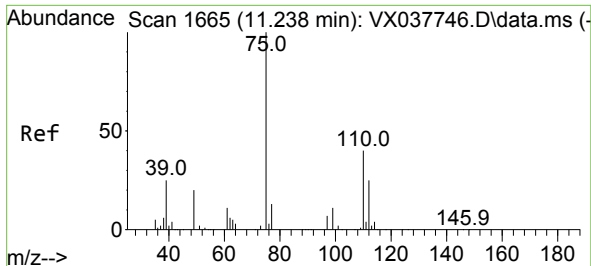
Ion Ratio Lower Upper

152 100

115 59.4 43.3 129.9

150 155.7 0.0 345.0

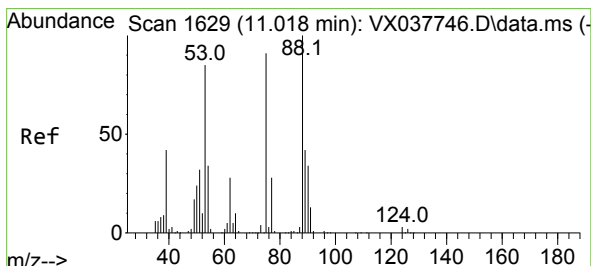
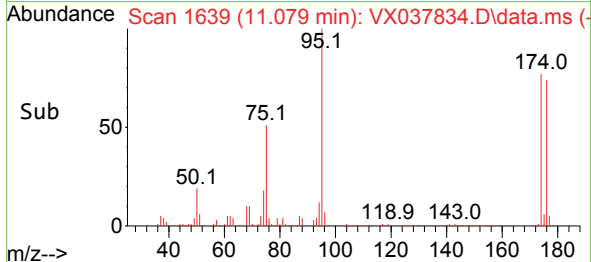
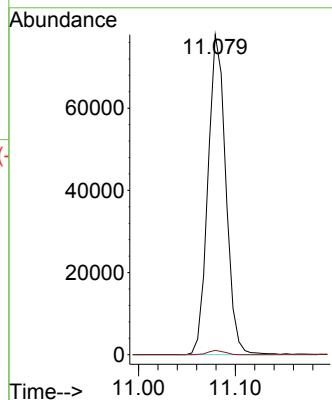
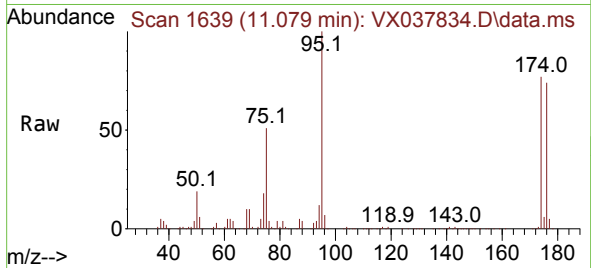




#76  
1,2,3-Trichloropropane  
Concen: 19.904 ug/l  
RT: 11.079 min Scan# 1639  
Delta R.T. -0.159 min  
Lab File: VX037834.D  
Acq: 20 Sep 2023 15:29

Instrument :  
MSVOA\_X  
ClientSampleId :

Tgt Ion: 75 Resp: 100328  
Ion Ratio Lower Upper  
75 100  
77 1.2 19.1 57.5#



#81  
trans-1,4-Dichloro-2-butene  
Concen: 63.761 ug/l  
RT: 11.079 min Scan# 1639  
Delta R.T. 0.061 min  
Lab File: VX037834.D  
Acq: 20 Sep 2023 15:29

Tgt Ion: 75 Resp: 100328  
Ion Ratio Lower Upper  
75 100  
53 0.0 90.5 135.7#  
89 0.0 36.9 55.3#

