

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX120324\  
 Data File : VX044082.D  
 Acq On : 03 Dec 2024 10:34  
 Operator : JC/MD  
 Sample : VX1203WBL01  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :

Quant Time: Dec 03 23:38:39 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X112124W.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Nov 22 03:45:52 2024  
 Response via : Initial Calibration

| Compound                   | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|--------|------|----------|--------|-------|----------|
| -----                      |        |      |          |        |       |          |
| Internal Standards         |        |      |          |        |       |          |
| 1) Pentafluorobenzene      | 5.544  | 168  | 113150   | 50.000 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 6.757  | 114  | 222913   | 50.000 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 10.049 | 117  | 189304   | 50.000 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 12.018 | 152  | 79760    | 50.000 | ug/l  | 0.00     |

|                             |        |       |          |          |      |          |
|-----------------------------|--------|-------|----------|----------|------|----------|
| System Monitoring Compounds |        |       |          |          |      |          |
| 33) 1,2-Dichloroethane-d4   | 5.946  | 65    | 102003   | 52.559   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 74 - 125 | Recovery | =    | 105.120% |
| 35) Dibromofluoromethane    | 5.379  | 113   | 74150    | 46.552   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 75 - 124 | Recovery | =    | 93.100%  |
| 50) Toluene-d8              | 8.647  | 98    | 271717   | 49.487   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 86 - 113 | Recovery | =    | 98.980%  |
| 62) 4-Bromofluorobenzene    | 11.079 | 95    | 92538    | 49.522   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 77 - 121 | Recovery | =    | 99.040%  |

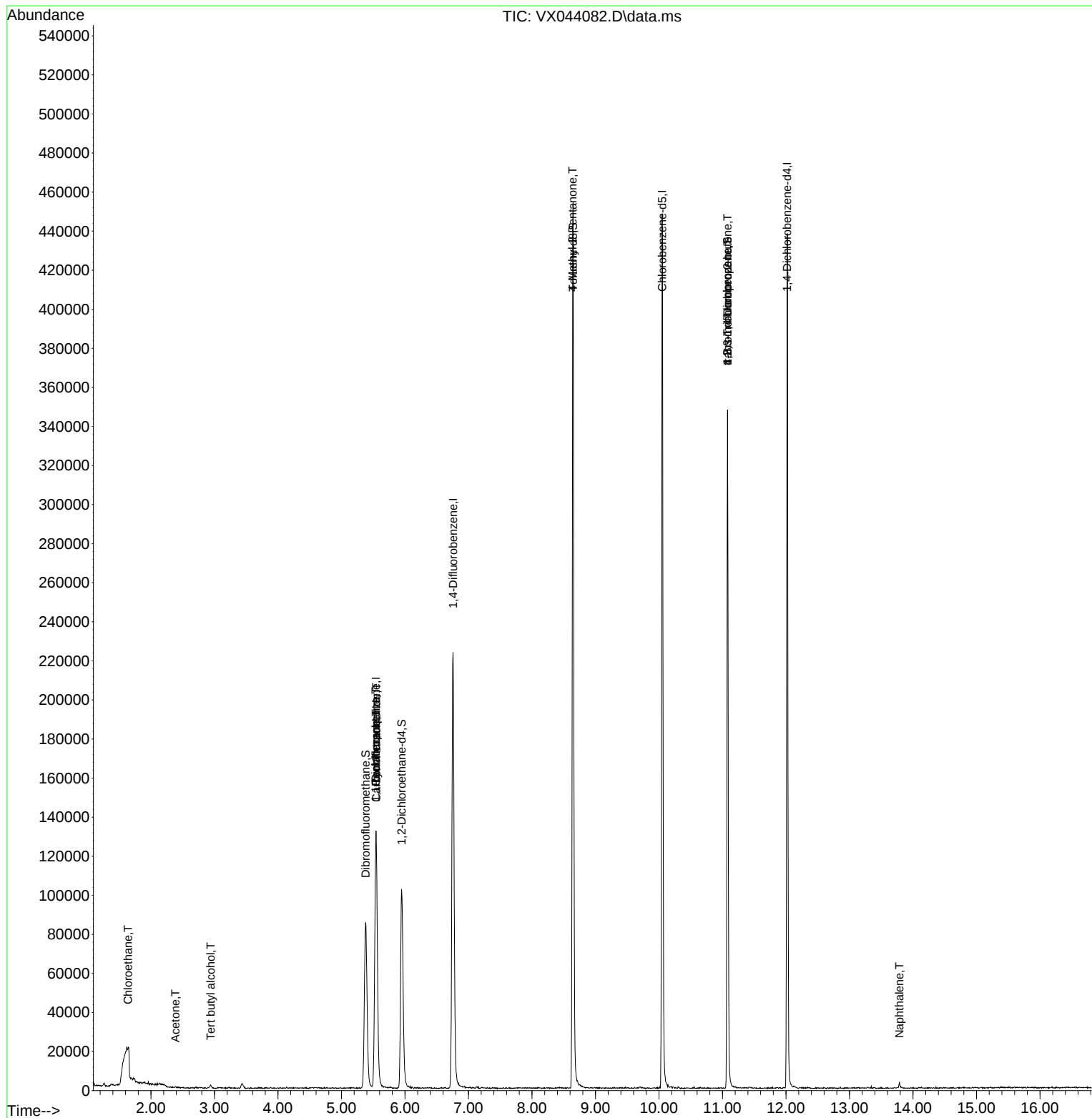
| Target Compounds              |        |     |       |        | Qvalue |    |
|-------------------------------|--------|-----|-------|--------|--------|----|
| 6) Chloroethane               | 1.636  | 64  | 270   | 0.276  | ug/l # | 42 |
| 11) Tert butyl alcohol        | 2.941  | 59  | 705   | 2.263  | ug/l # | 73 |
| 16) Acetone                   | 2.386  | 43  | 254   | 0.285  | ug/l # | 46 |
| 31) Cyclohexane               | 5.544  | 56  | 3379  | 1.562  | ug/l # | 35 |
| 36) 1,1-Dichloropropene       | 5.538  | 75  | 11450 | 5.769  | ug/l # | 50 |
| 38) Carbon Tetrachloride      | 5.550  | 117 | 13935 | 6.248  | ug/l # | 16 |
| 51) 4-Methyl-2-Pentanone      | 8.641  | 43  | 1447  | 0.605  | ug/l # | 1  |
| 76) 1,2,3-Trichloropropane    | 11.079 | 75  | 53297 | 30.471 | ug/l # | 34 |
| 81) trans-1,4-Dichloro-2-b... | 11.079 | 75  | 53297 | 83.147 | ug/l # | 6  |
| 95) Naphthalene               | 13.786 | 128 | 2629  | 0.461  | ug/l # | 90 |

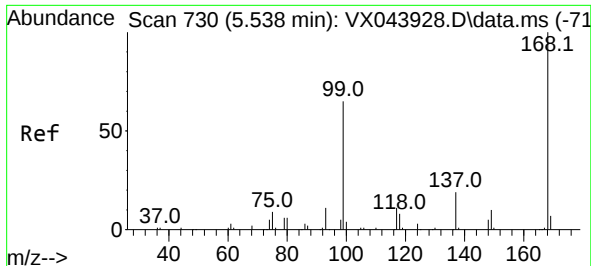
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX120324\  
Data File : VX044082.D  
Acq On : 03 Dec 2024 10:34  
Operator : JC/MD  
Sample : VX1203WBL01  
Misc : 5.0mL/MSVOA\_X/WATER  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :

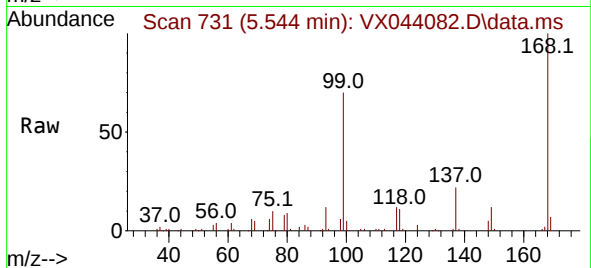
Quant Time: Dec 03 23:38:39 2024  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X112124W.M  
Quant Title : SW846 8260  
QLast Update : Fri Nov 22 03:45:52 2024  
Response via : Initial Calibration



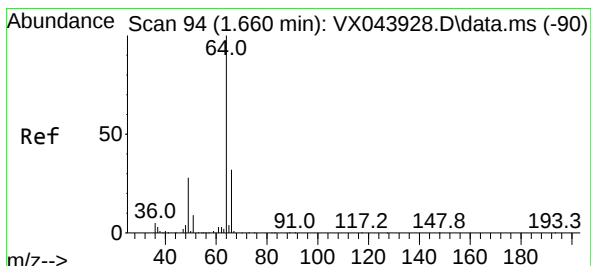
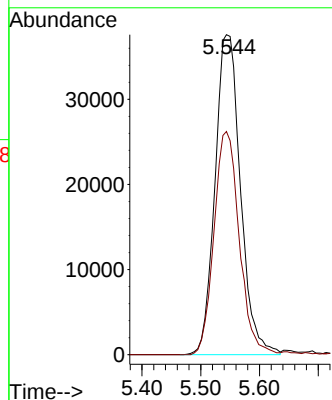
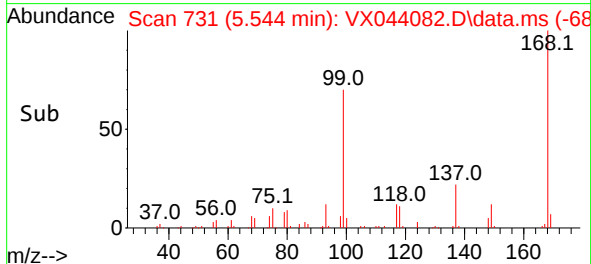


#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.544 min Scan# 71  
Delta R.T. 0.006 min  
Lab File: VX044082.D  
Acq: 03 Dec 2024 10:34

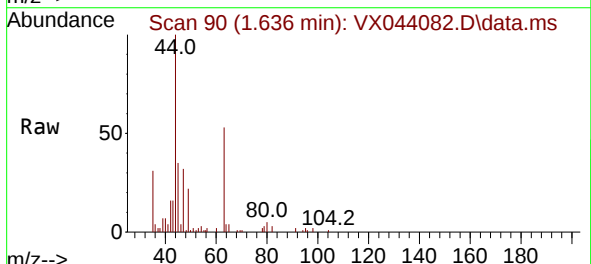
Instrument : MSVOA\_X  
ClientSampleId :



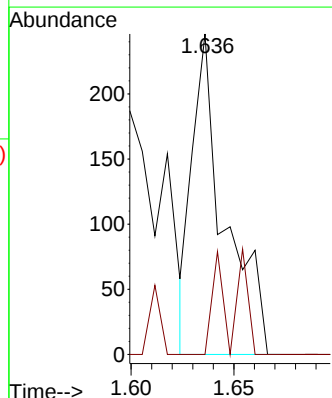
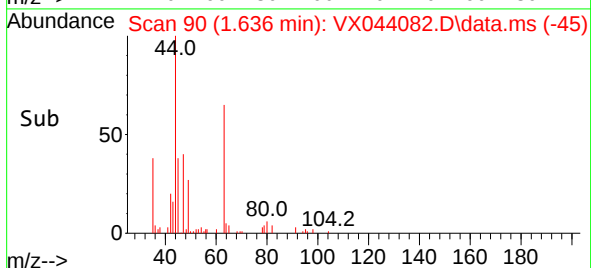
Tgt Ion:168 Resp: 113150  
Ion Ratio Lower Upper  
168 100  
99 69.8 51.8 77.8

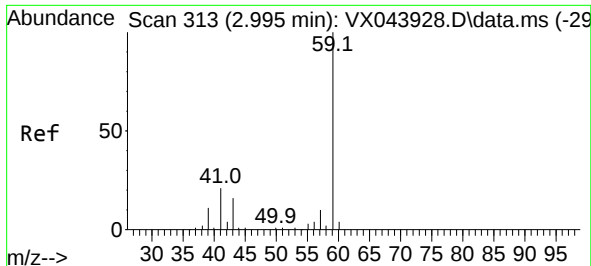


#6  
Chloroethane  
Concen: 0.276 ug/l  
RT: 1.636 min Scan# 90  
Delta R.T. -0.024 min  
Lab File: VX044082.D  
Acq: 03 Dec 2024 10:34



Tgt Ion: 64 Resp: 270  
Ion Ratio Lower Upper  
64 100  
66 0.0 25.9 38.9#





#11

Tert butyl alcohol

Concen: 2.263 ug/l

RT: 2.941 min Scan# 304

Delta R.T. -0.055 min

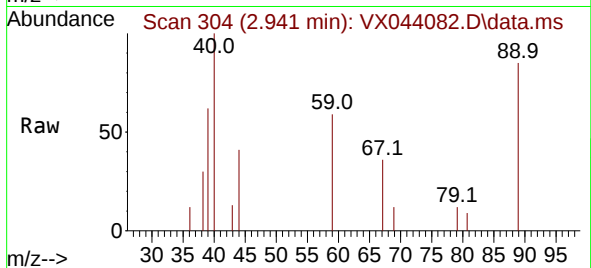
Lab File: VX044082.D

Acq: 03 Dec 2024 10:34

Instrument :

MSVOA\_X

ClientSampleId :

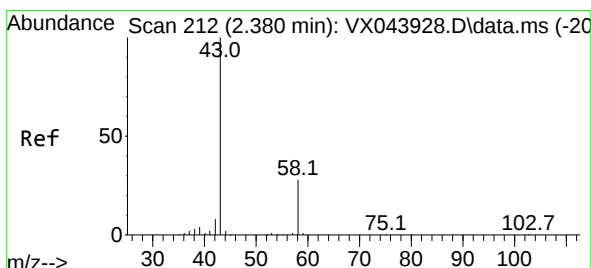
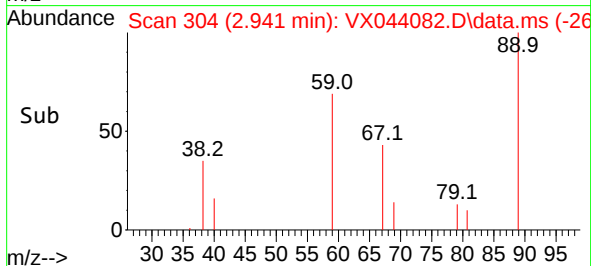
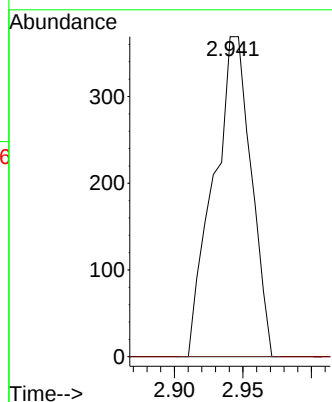


Tgt Ion: 59 Resp: 705

Ion Ratio Lower Upper

59 100

57 0.0 7.9 11.9#



#16

Acetone

Concen: 0.285 ug/l

RT: 2.386 min Scan# 213

Delta R.T. 0.006 min

Lab File: VX044082.D

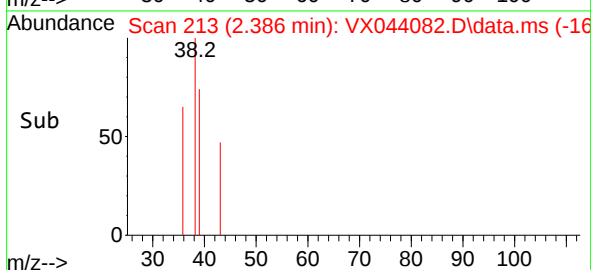
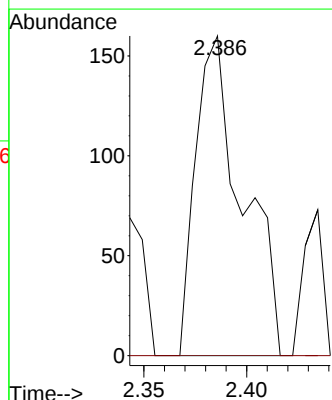
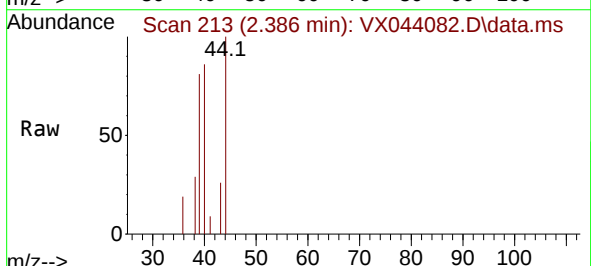
Acq: 03 Dec 2024 10:34

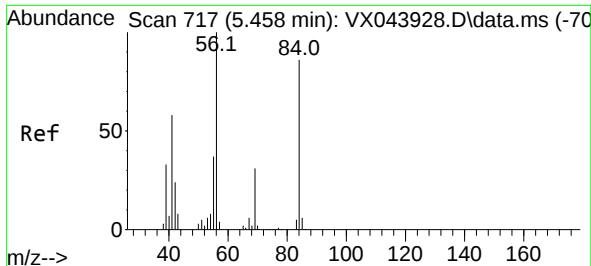
Tgt Ion: 43 Resp: 254

Ion Ratio Lower Upper

43 100

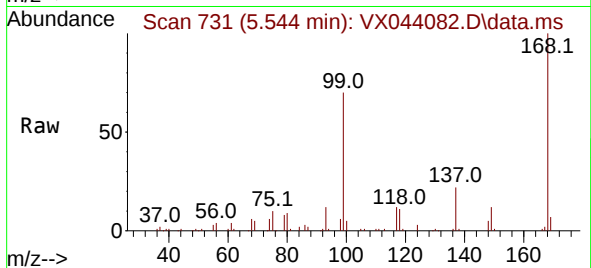
58 0.0 22.7 34.1#



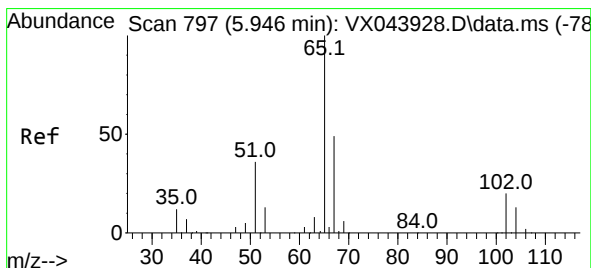
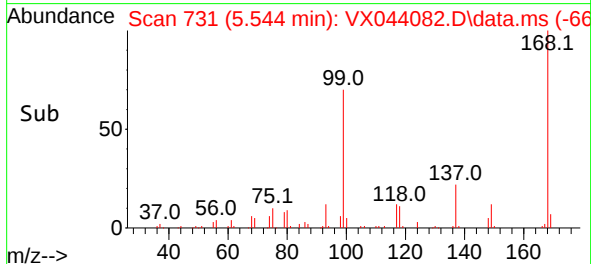
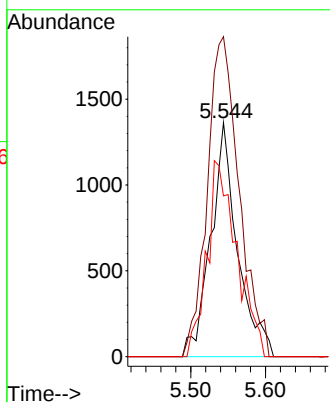


#31  
Cyclohexane  
Concen: 1.562 ug/l  
RT: 5.544 min Scan# 717  
Delta R.T. 0.085 min  
Lab File: VX044082.D  
Acq: 03 Dec 2024 10:34

Instrument :  
MSVOA\_X  
ClientSampleId :

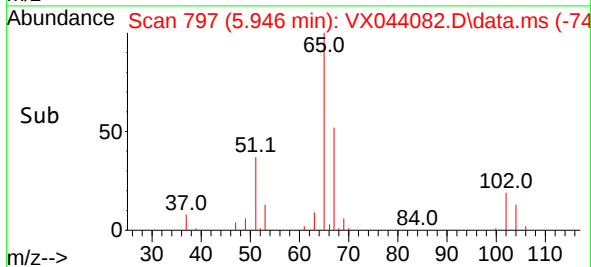
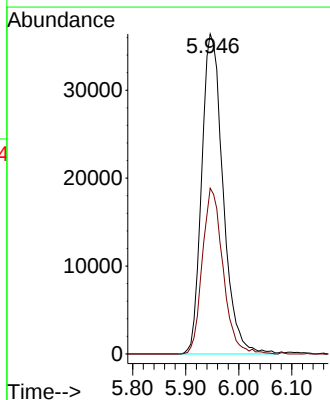
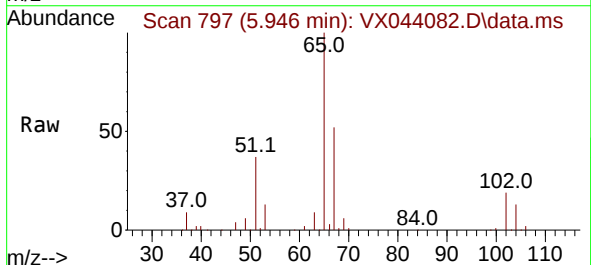


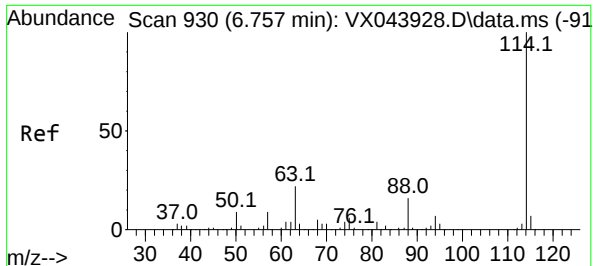
Tgt Ion: 56 Resp: 3379  
Ion Ratio Lower Upper  
56 100  
69 136.7 24.7 37.1#  
84 68.7 68.7 103.1#



#33  
1,2-Dichloroethane-d4  
Concen: 52.559 ug/l  
RT: 5.946 min Scan# 797  
Delta R.T. -0.000 min  
Lab File: VX044082.D  
Acq: 03 Dec 2024 10:34

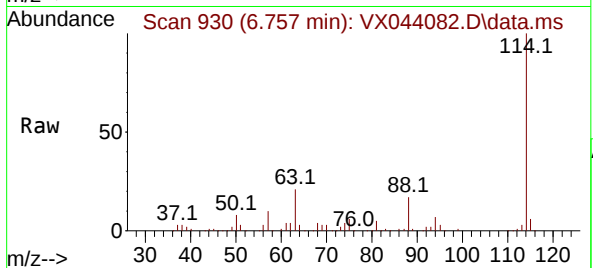
Tgt Ion: 65 Resp: 102003  
Ion Ratio Lower Upper  
65 100  
67 50.1 0.0 100.8



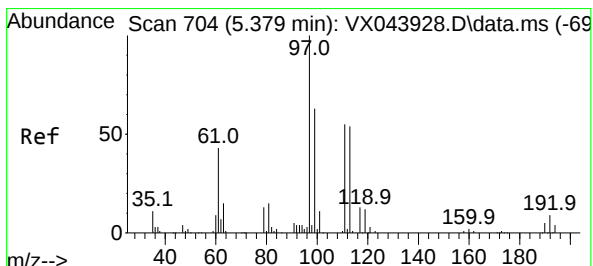
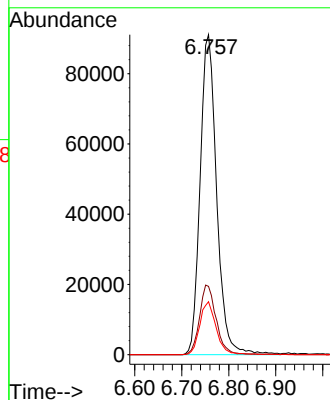
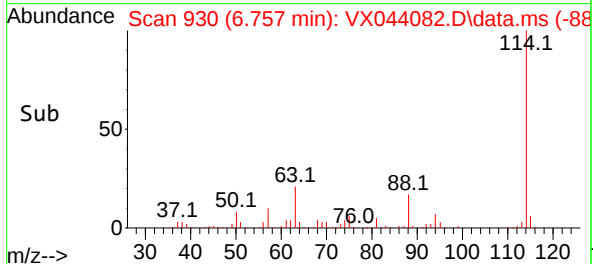


#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 6.757 min Scan# 91  
Delta R.T. -0.000 min  
Lab File: VX044082.D  
Acq: 03 Dec 2024 10:34

Instrument :  
MSVOA\_X  
ClientSampleId :

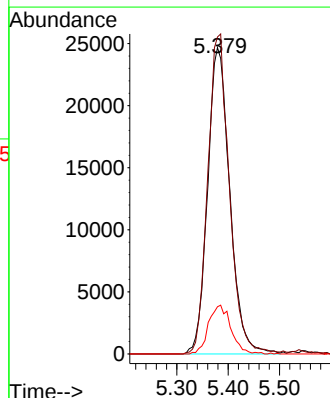
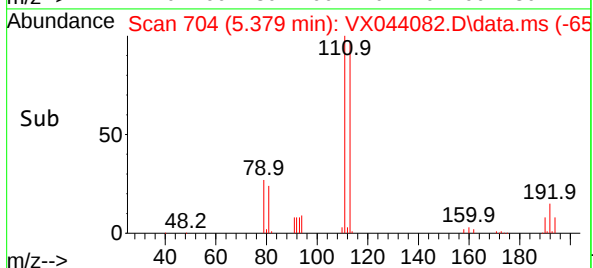
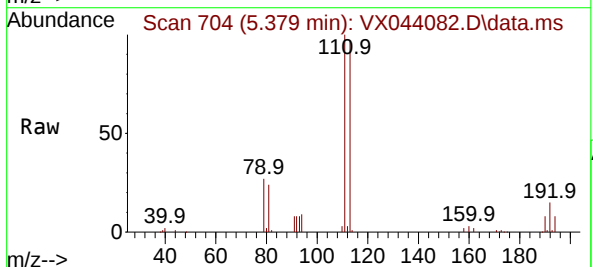


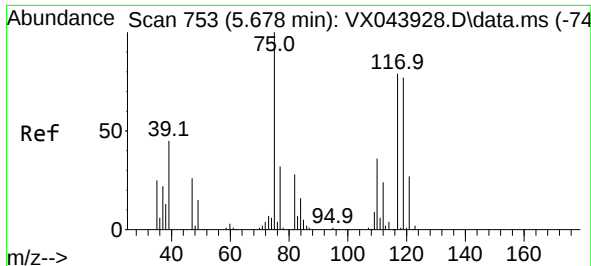
Tgt Ion:114 Resp: 222913  
Ion Ratio Lower Upper  
114 100  
63 21.4 0.0 44.0  
88 16.6 0.0 32.4



#35  
Dibromofluoromethane  
Concen: 46.552 ug/l  
RT: 5.379 min Scan# 704  
Delta R.T. -0.000 min  
Lab File: VX044082.D  
Acq: 03 Dec 2024 10:34

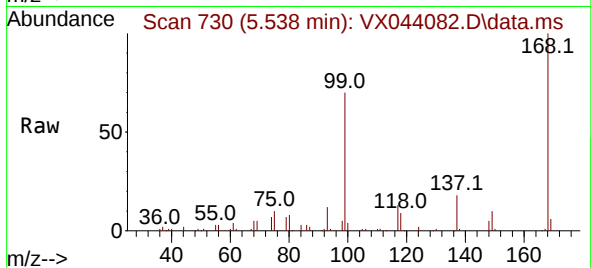
Tgt Ion:113 Resp: 74150  
Ion Ratio Lower Upper  
113 100  
111 101.8 81.0 121.4  
192 16.1 13.0 19.6



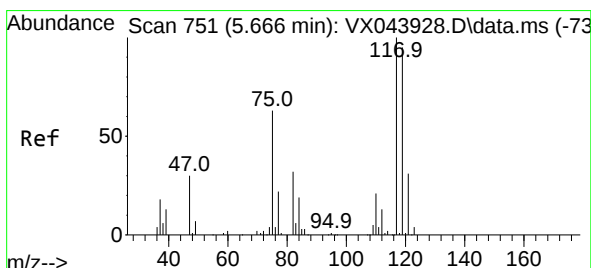
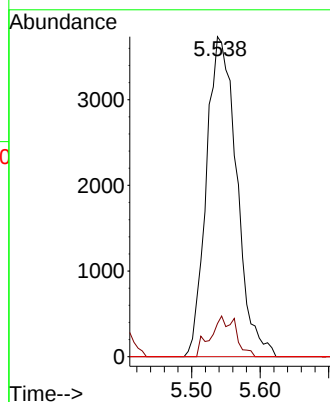
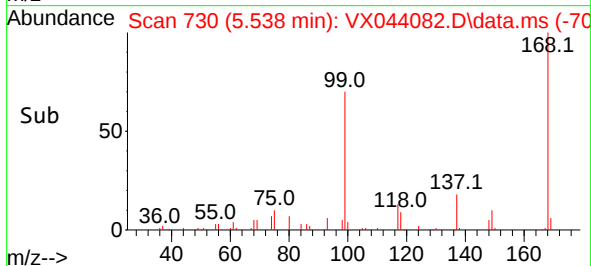


#36  
1,1-Dichloropropene  
Concen: 5.769 ug/l  
RT: 5.538 min Scan# 711  
Delta R.T. -0.140 min  
Lab File: VX044082.D  
Acq: 03 Dec 2024 10:34

Instrument :  
MSVOA\_X  
ClientSampleId :

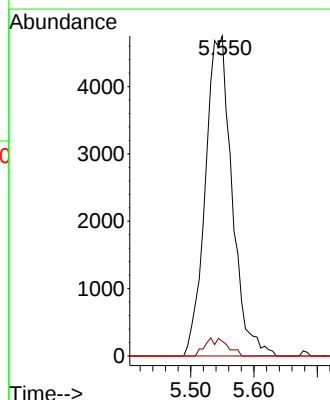
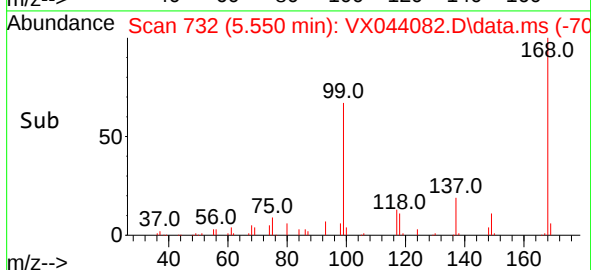
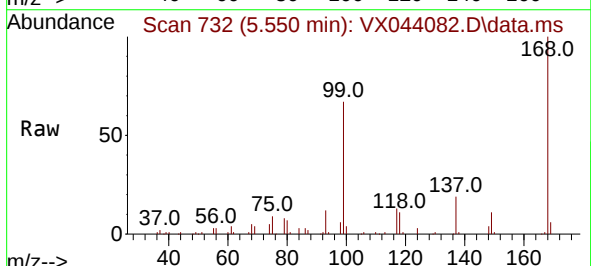


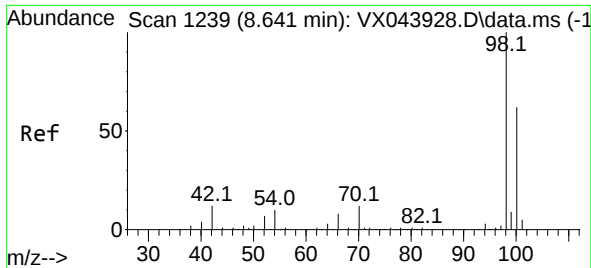
Tgt Ion: 75 Resp: 11450  
Ion Ratio Lower Upper  
75 100  
110 10.5 17.4 52.2#  
77 0.0 25.8 38.8#



#38  
Carbon Tetrachloride  
Concen: 6.248 ug/l  
RT: 5.550 min Scan# 732  
Delta R.T. -0.116 min  
Lab File: VX044082.D  
Acq: 03 Dec 2024 10:34

Tgt Ion: 117 Resp: 13935  
Ion Ratio Lower Upper  
117 100  
119 4.6 75.2 112.8#  
121 0.0 24.5 36.7#

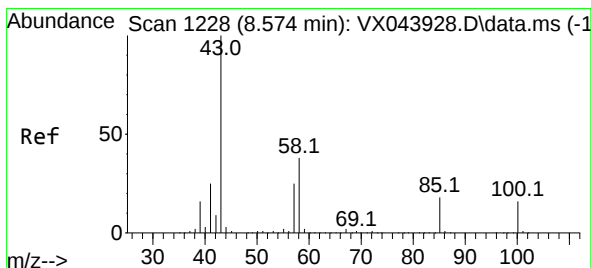
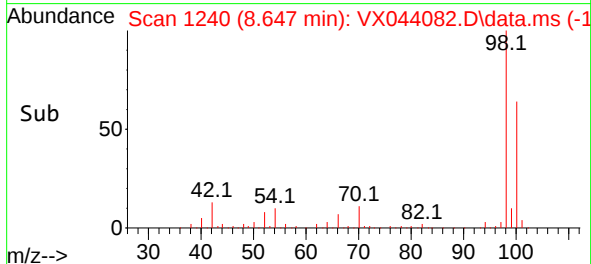
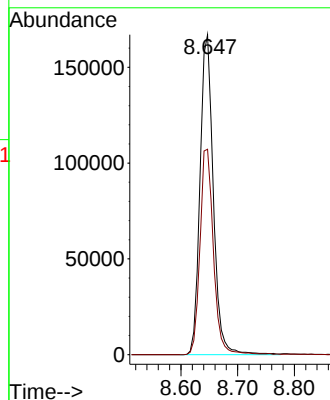
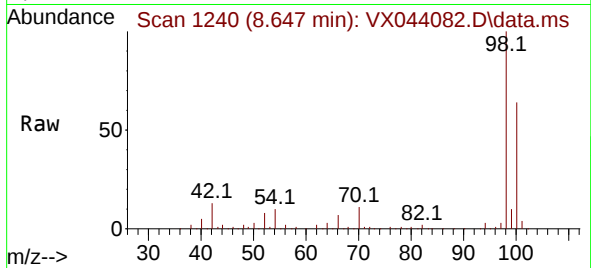




#50  
Toluene-d8  
Concen: 49.487 ug/l  
RT: 8.647 min Scan# 11  
Delta R.T. 0.006 min  
Lab File: VX044082.D  
Acq: 03 Dec 2024 10:34

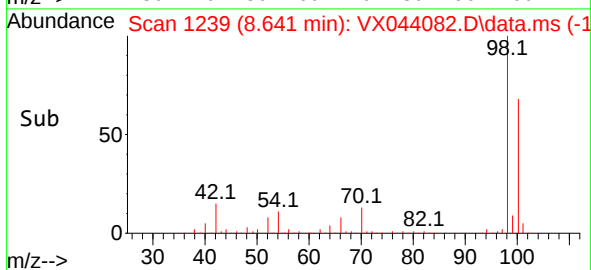
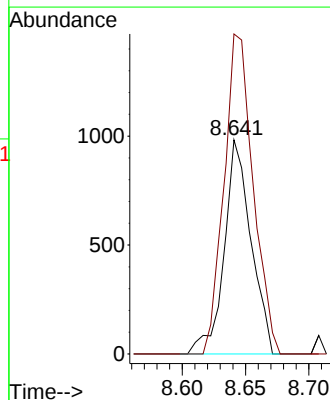
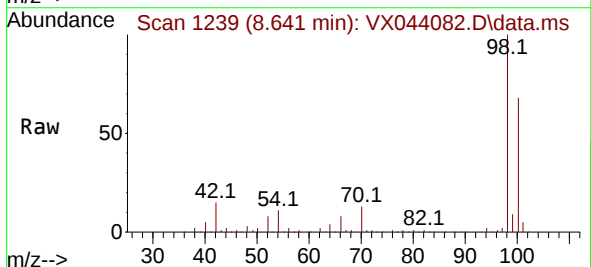
Instrument :  
MSVOA\_X  
ClientSampleId :

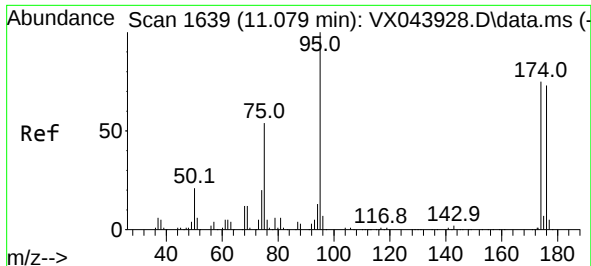
Tgt Ion: 98 Resp: 271717  
Ion Ratio Lower Upper  
98 100  
100 64.9 52.6 79.0



#51  
4-Methyl-2-Pentanone  
Concen: 0.605 ug/l  
RT: 8.641 min Scan# 1239  
Delta R.T. 0.067 min  
Lab File: VX044082.D  
Acq: 03 Dec 2024 10:34

Tgt Ion: 43 Resp: 1447  
Ion Ratio Lower Upper  
43 100  
58 162.6 30.0 45.0#





#62

4-Bromofluorobenzene

Concen: 49.522 ug/l

RT: 11.079 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX044082.D

Acq: 03 Dec 2024 10:34

Instrument :

MSVOA\_X

ClientSampleId :

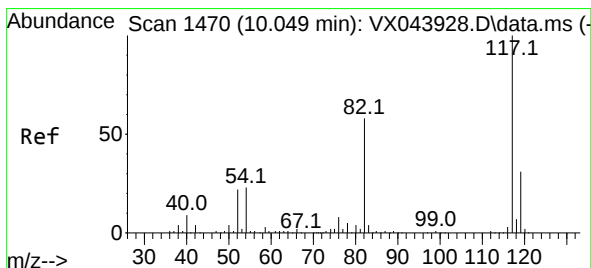
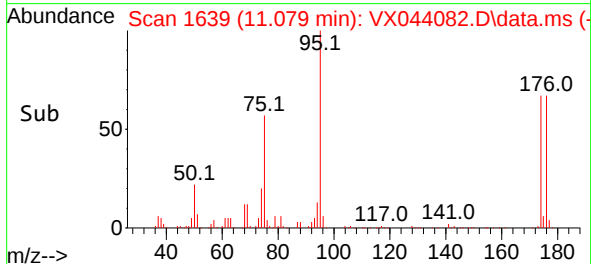
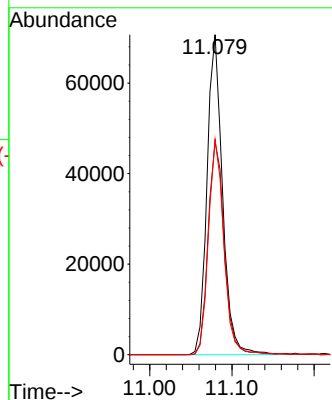
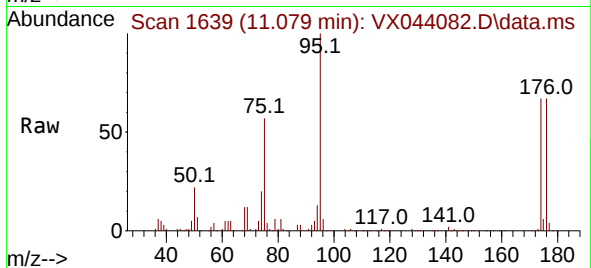
Tgt Ion: 95 Resp: 92538

Ion Ratio Lower Upper

95 100

174 69.5 0.0 150.4

176 67.2 0.0 146.0



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.049 min Scan# 1470

Delta R.T. -0.000 min

Lab File: VX044082.D

Acq: 03 Dec 2024 10:34

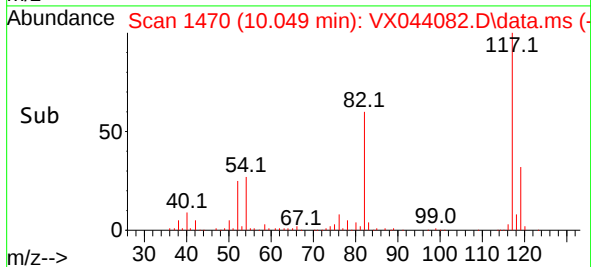
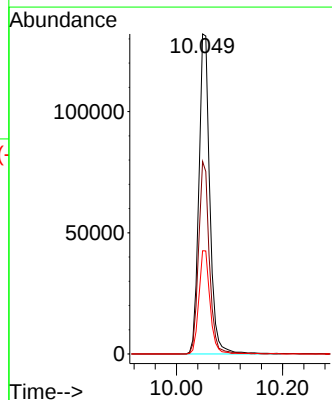
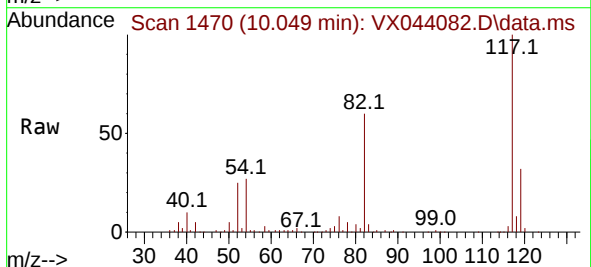
Tgt Ion: 117 Resp: 189304

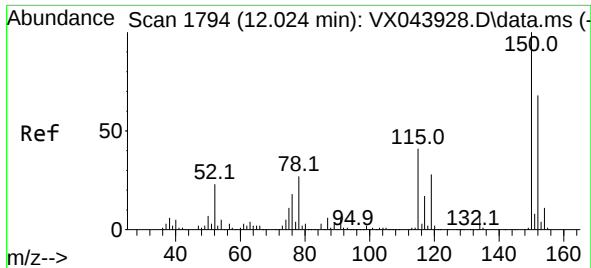
Ion Ratio Lower Upper

117 100

82 60.2 46.4 69.6

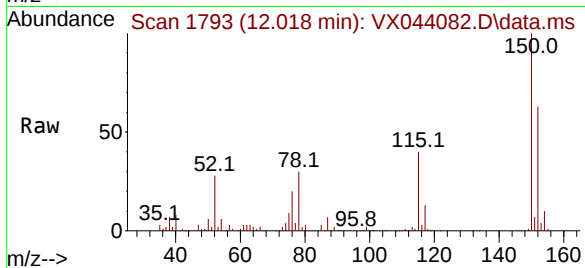
119 32.3 24.6 37.0



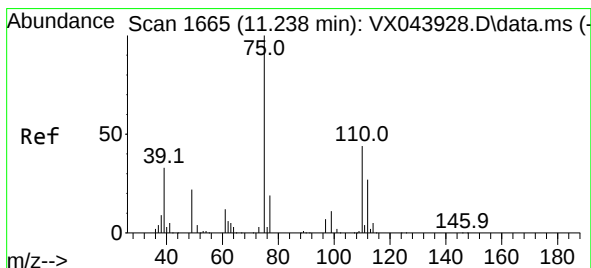
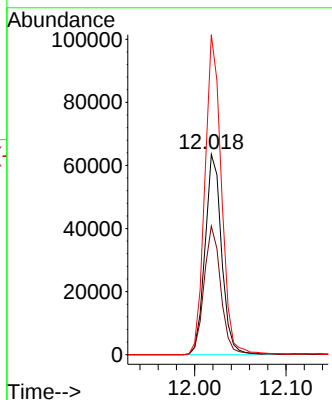
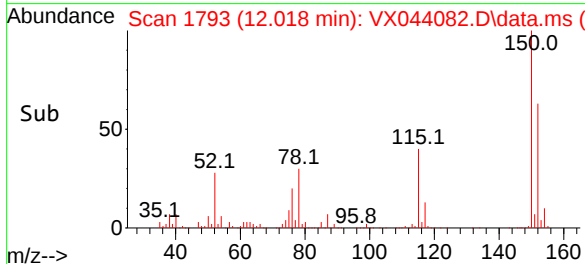


#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 12.018 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: VX044082.D  
Acq: 03 Dec 2024 10:34

Instrument :  
MSVOA\_X  
ClientSampleId :

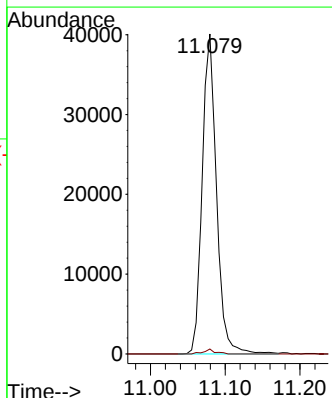
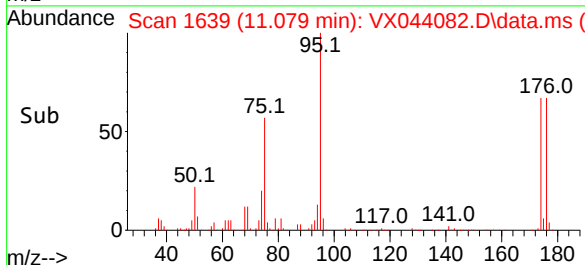
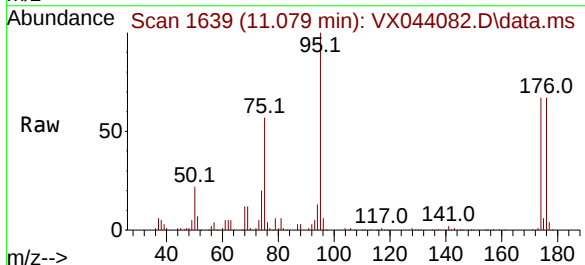


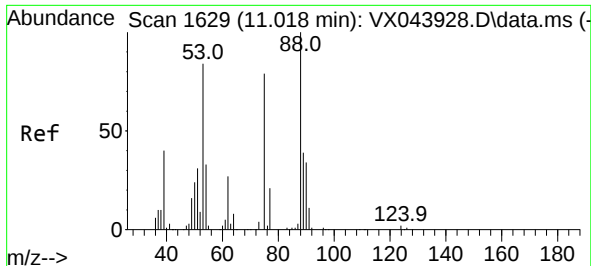
Tgt Ion:152 Resp: 79760  
Ion Ratio Lower Upper  
152 100  
115 65.1 45.4 136.2  
150 159.3 0.0 353.0



#76  
1,2,3-Trichloropropane  
Concen: 30.471 ug/l  
RT: 11.079 min Scan# 1639  
Delta R.T. -0.159 min  
Lab File: VX044082.D  
Acq: 03 Dec 2024 10:34

Tgt Ion: 75 Resp: 53297  
Ion Ratio Lower Upper  
75 100  
77 1.2 21.8 65.3#

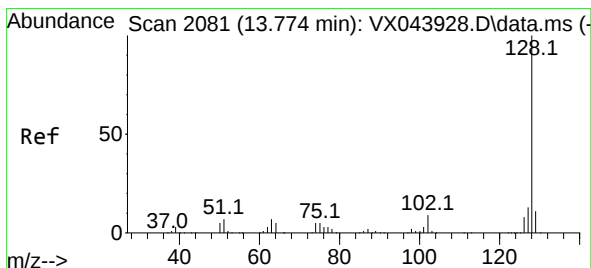
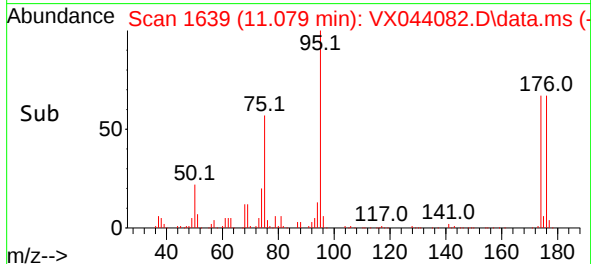
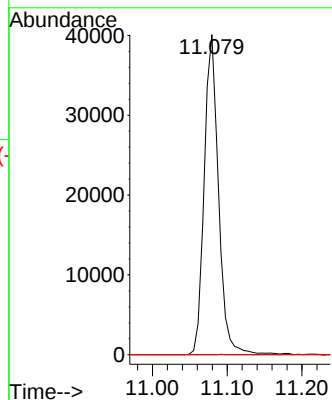
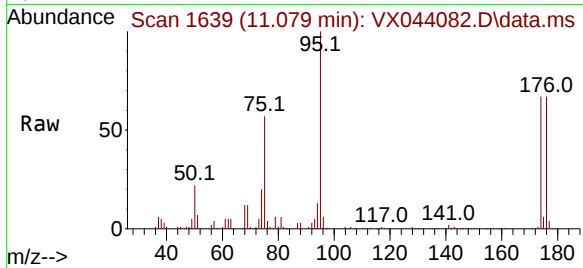




#81  
trans-1,4-Dichloro-2-butene  
Concen: 83.147 ug/l  
RT: 11.079 min Scan# 1639  
Delta R.T. 0.061 min  
Lab File: VX044082.D  
Acq: 03 Dec 2024 10:34

Instrument :  
MSVOA\_X  
ClientSampleId :

Tgt Ion: 75 Resp: 53297  
Ion Ratio Lower Upper  
75 100  
53 0.0 86.7 130.1#  
89 0.0 38.2 57.2#



#95  
Naphthalene  
Concen: 0.461 ug/l  
RT: 13.786 min Scan# 2083  
Delta R.T. 0.012 min  
Lab File: VX044082.D  
Acq: 03 Dec 2024 10:34

Tgt Ion: 128 Resp: 2629  
Ion Ratio Lower Upper  
128 100  
127 8.5 10.2 15.2#  
129 7.0 8.6 12.8#

