

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX021125\  
 Data File : VX044902.D  
 Acq On : 11 Feb 2025 13:43  
 Operator : JC/MD  
 Sample : Q1283-03  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :

Quant Time: Feb 12 02:41:49 2025  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X021025W.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Feb 11 03:41:08 2025  
 Response via : Initial Calibration

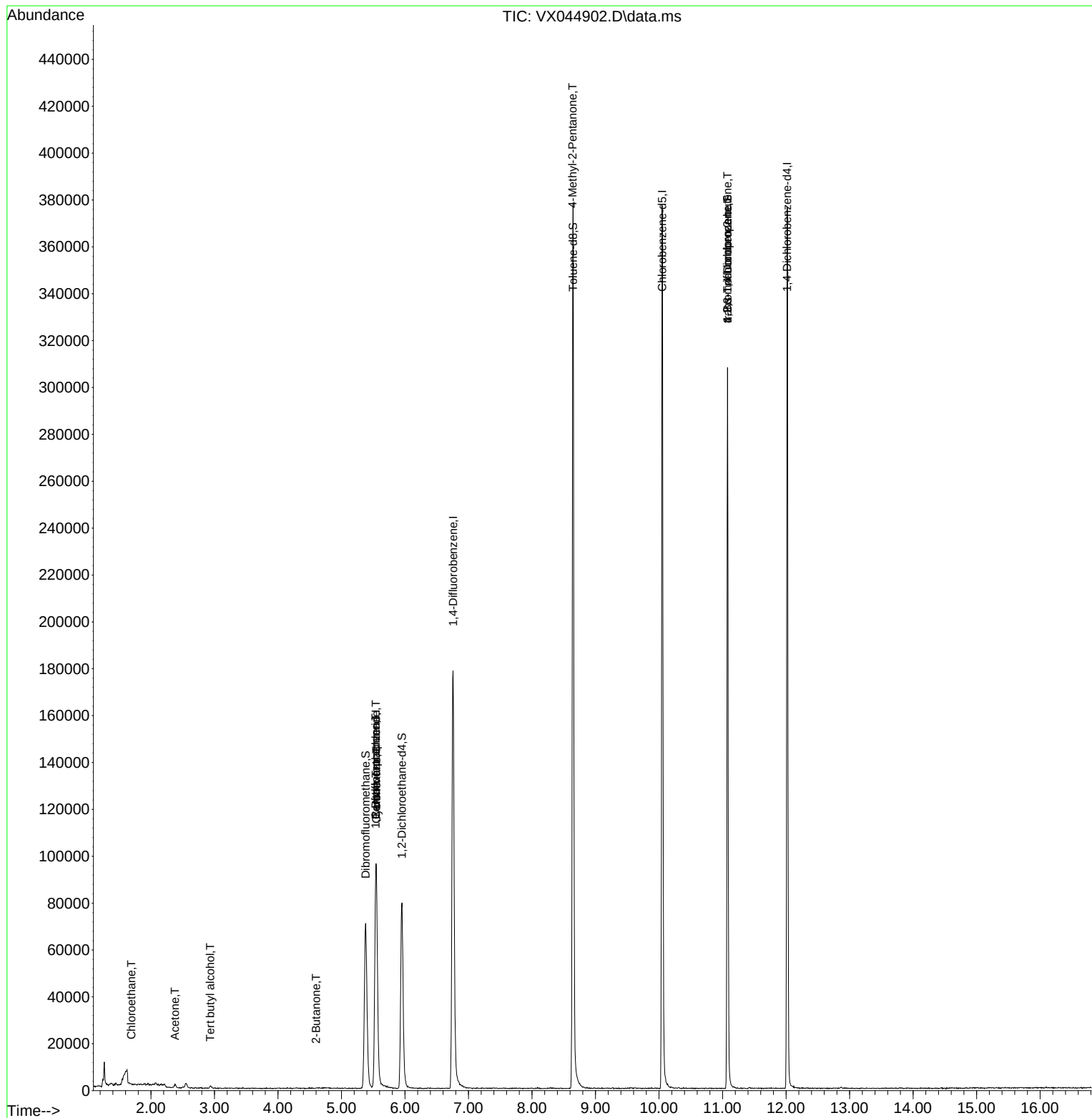
| Compound                      | R.T. QIon |       | Response | Conc     | Units      | Dev(Min) |
|-------------------------------|-----------|-------|----------|----------|------------|----------|
| -----                         |           |       |          |          |            |          |
| Internal Standards            |           |       |          |          |            |          |
| 1) Pentafluorobenzene         | 5.544     | 168   | 94090    | 50.000   | ug/l       | 0.00     |
| 34) 1,4-Difluorobenzene       | 6.757     | 114   | 191976   | 50.000   | ug/l       | 0.00     |
| 63) Chlorobenzene-d5          | 10.049    | 117   | 173093   | 50.000   | ug/l       | 0.00     |
| 72) 1,4-Dichlorobenzene-d4    | 12.018    | 152   | 73691    | 50.000   | ug/l       | 0.00     |
| System Monitoring Compounds   |           |       |          |          |            |          |
| 33) 1,2-Dichloroethane-d4     | 5.952     | 65    | 72878    | 52.913   | ug/l       | 0.00     |
| Spiked Amount                 | 50.000    | Range | 74 - 125 | Recovery | = 105.820% |          |
| 35) Dibromofluoromethane      | 5.379     | 113   | 62881    | 50.379   | ug/l       | 0.00     |
| Spiked Amount                 | 50.000    | Range | 75 - 124 | Recovery | = 100.760% |          |
| 50) Toluene-d8                | 8.647     | 98    | 236064   | 50.016   | ug/l       | 0.00     |
| Spiked Amount                 | 50.000    | Range | 86 - 113 | Recovery | = 100.040% |          |
| 62) 4-Bromofluorobenzene      | 11.079    | 95    | 82396    | 51.784   | ug/l       | 0.00     |
| Spiked Amount                 | 50.000    | Range | 77 - 121 | Recovery | = 103.560% |          |
| Target Compounds              |           |       |          |          |            |          |
|                               |           |       |          |          | Qvalue     |          |
| 6) Chloroethane               | 1.691     | 64    | 129      | 1.512    | ug/l #     | 42       |
| 11) Tert butyl alcohol        | 2.934     | 59    | 322      | 1.260    | ug/l #     | 73       |
| 16) Acetone                   | 2.380     | 43    | 1793     | 3.238    | ug/l       | 98       |
| 25) 2-Butanone                | 4.599     | 43    | 180      | 0.200    | ug/l #     | 48       |
| 31) Cyclohexane               | 5.550     | 56    | 2274     | 1.063    | ug/l #     | 1        |
| 36) 1,1-Dichloropropene       | 5.537     | 75    | 7880     | 4.376    | ug/l #     | 49       |
| 38) Carbon Tetrachloride      | 5.544     | 117   | 9928     | 5.626    | ug/l #     | 15       |
| 51) 4-Methyl-2-Pentanone      | 8.641     | 43    | 1148     | 0.584    | ug/l #     | 1        |
| 76) 1,2,3-Trichloropropane    | 11.079    | 75    | 42454    | 25.984   | ug/l #     | 34       |
| 81) trans-1,4-Dichloro-2-b... | 11.079    | 75    | 42454    | 66.841   | ug/l #     | 11       |
| -----                         |           |       |          |          |            |          |

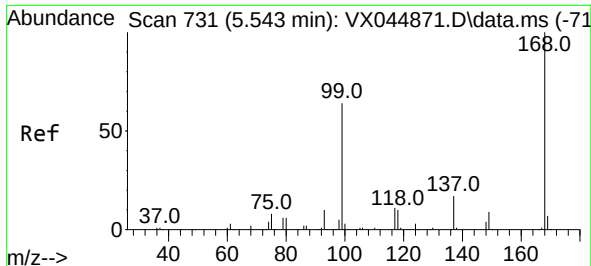
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX021125\  
Data File : VX044902.D  
Acq On : 11 Feb 2025 13:43  
Operator : JC/MD  
Sample : Q1283-03  
Misc : 5.0mL/MSVOA\_X/WATER  
ALS Vial : 11 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :

Quant Time: Feb 12 02:41:49 2025  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X021025W.M  
Quant Title : SW846 8260  
QLast Update : Tue Feb 11 03:41:08 2025  
Response via : Initial Calibration

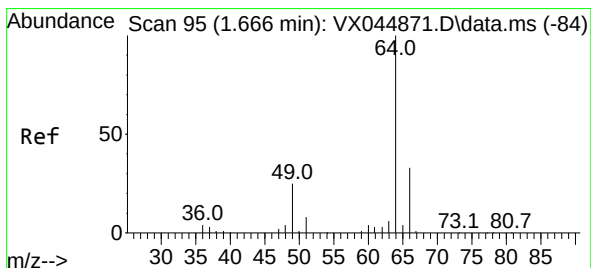
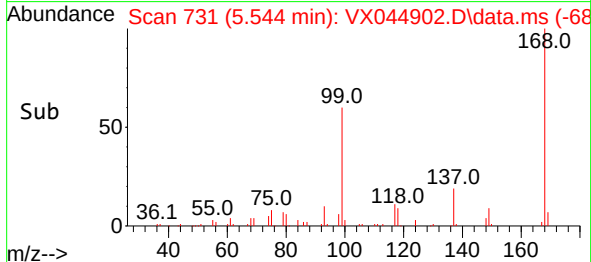
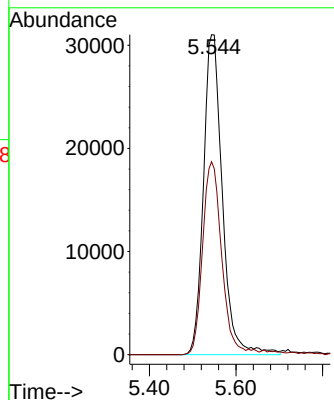
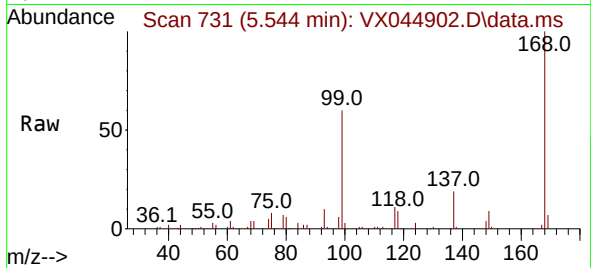




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.544 min Scan# 71  
Delta R.T. 0.001 min  
Lab File: VX044902.D  
Acq: 11 Feb 2025 13:43

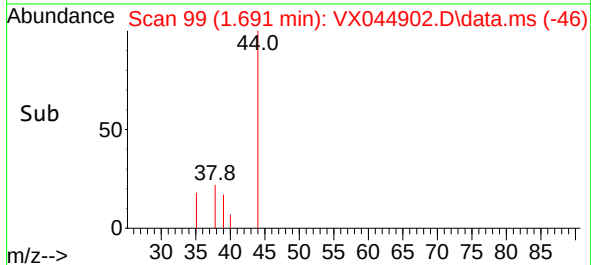
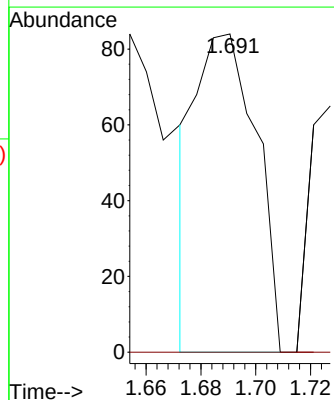
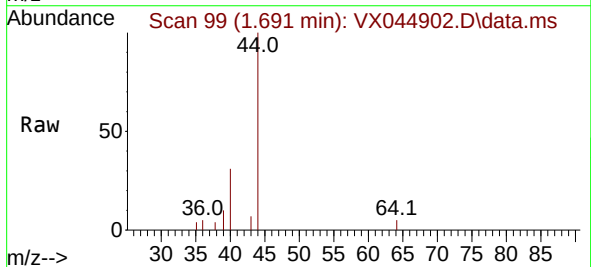
Instrument :  
MSVOA\_X  
ClientSampleId :

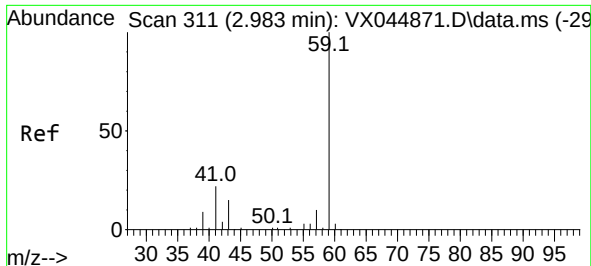
Tgt Ion:168 Resp: 94090  
Ion Ratio Lower Upper  
168 100  
99 60.3 51.2 76.8



#6  
Chloroethane  
Concen: 1.512 ug/l  
RT: 1.691 min Scan# 99  
Delta R.T. 0.025 min  
Lab File: VX044902.D  
Acq: 11 Feb 2025 13:43

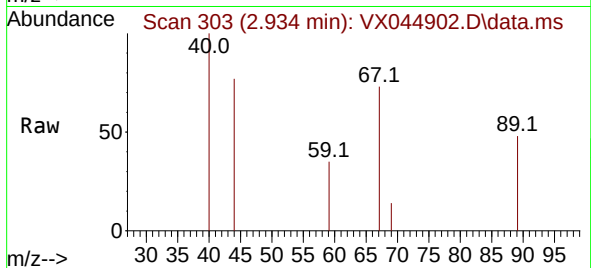
Tgt Ion: 64 Resp: 129  
Ion Ratio Lower Upper  
64 100  
66 0.0 25.9 38.9#



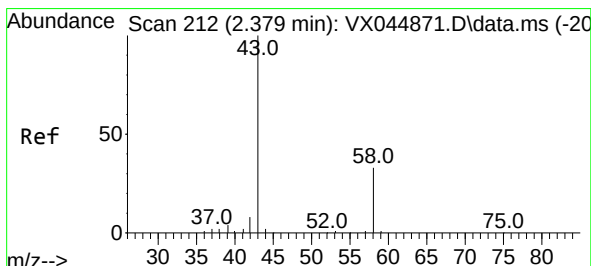
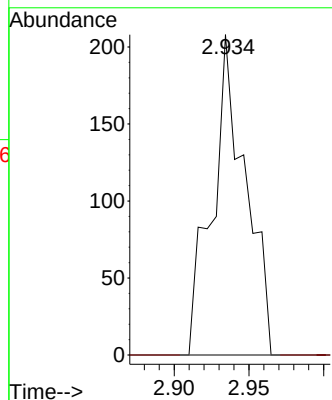
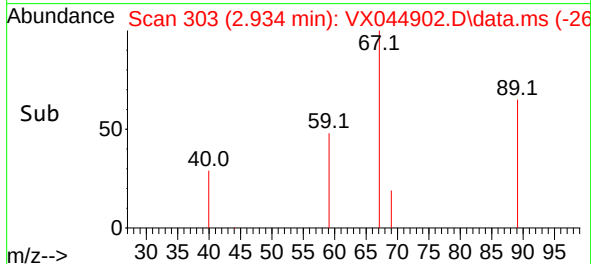


#11  
Tert butyl alcohol  
Concen: 1.260 ug/l  
RT: 2.934 min Scan# 30  
Delta R.T. -0.049 min  
Lab File: VX044902.D  
Acq: 11 Feb 2025 13:43

Instrument :  
MSVOA\_X  
ClientSampleId :

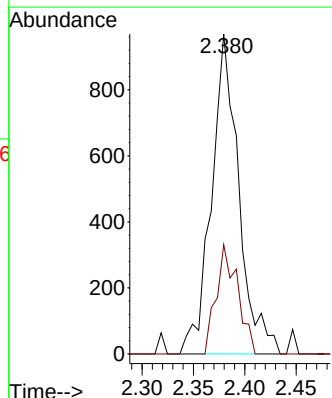
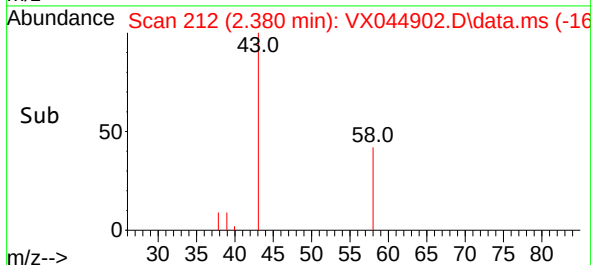
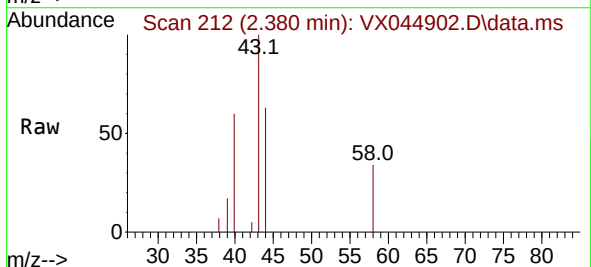


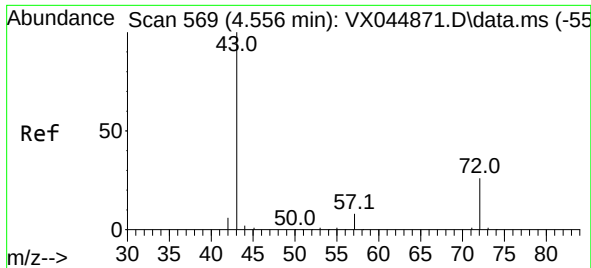
Tgt Ion: 59 Resp: 322  
Ion Ratio Lower Upper  
59 100  
57 0.0 8.1 12.1#



#16  
Acetone  
Concen: 3.238 ug/l  
RT: 2.380 min Scan# 212  
Delta R.T. 0.000 min  
Lab File: VX044902.D  
Acq: 11 Feb 2025 13:43

Tgt Ion: 43 Resp: 1793  
Ion Ratio Lower Upper  
43 100  
58 34.2 26.5 39.7

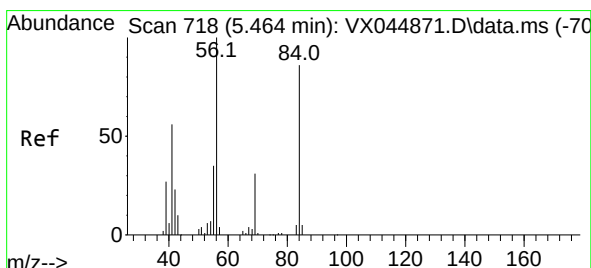
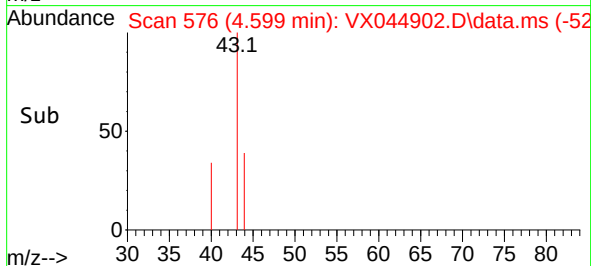
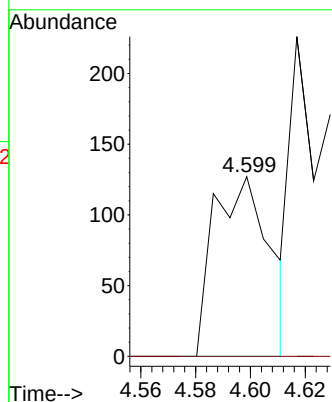
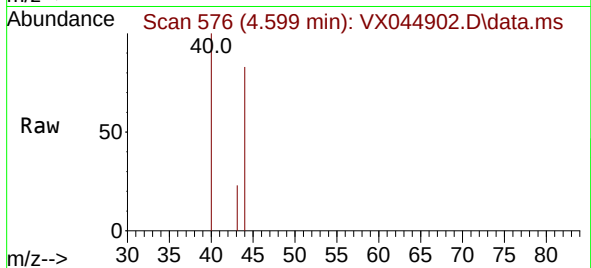




#25  
2-Butanone  
Concen: 0.200 ug/l  
RT: 4.599 min Scan# 51  
Delta R.T. 0.043 min  
Lab File: VX044902.D  
Acq: 11 Feb 2025 13:43

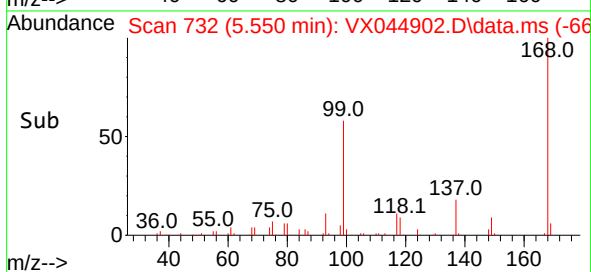
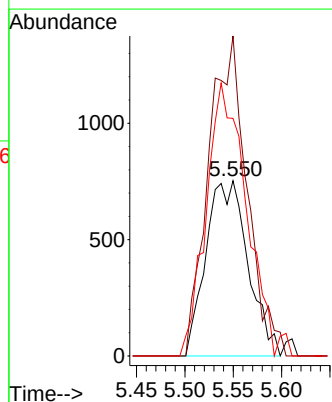
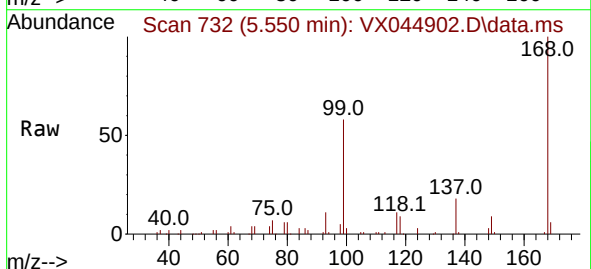
Instrument :  
MSVOA\_X  
ClientSampleId :

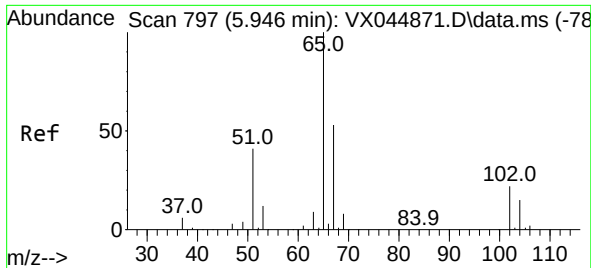
Tgt Ion: 43 Resp: 180  
Ion Ratio Lower Upper  
43 100  
72 0.0 21.2 31.8#



#31  
Cyclohexane  
Concen: 1.063 ug/l  
RT: 5.550 min Scan# 732  
Delta R.T. 0.086 min  
Lab File: VX044902.D  
Acq: 11 Feb 2025 13:43

Tgt Ion: 56 Resp: 2274  
Ion Ratio Lower Upper  
56 100  
69 182.6 24.4 36.6#  
84 135.6 69.0 103.6#

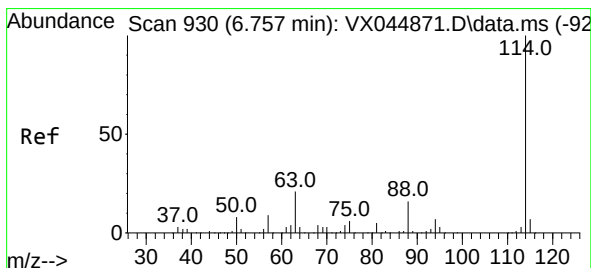
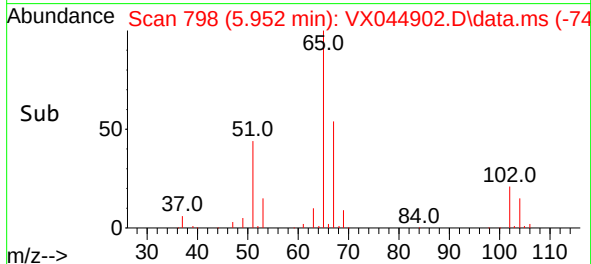
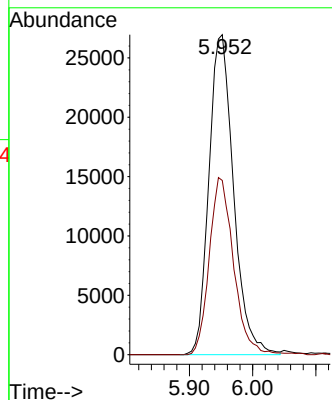
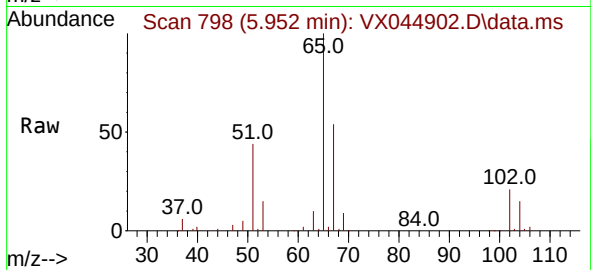




#33  
 1,2-Dichloroethane-d4  
 Concen: 52.913 ug/l  
 RT: 5.952 min Scan# 797  
 Delta R.T. 0.006 min  
 Lab File: VX044902.D  
 Acq: 11 Feb 2025 13:43

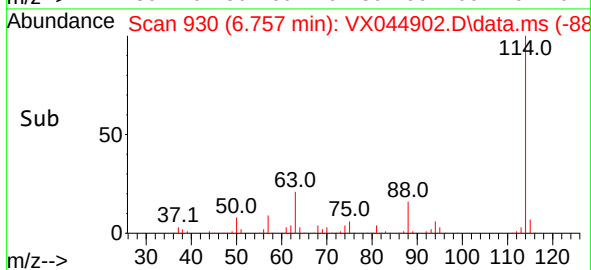
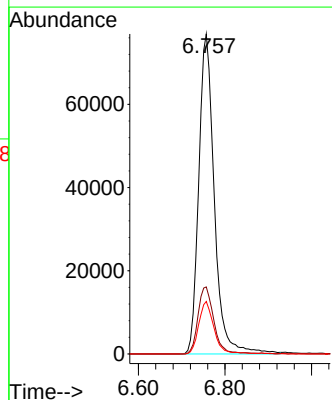
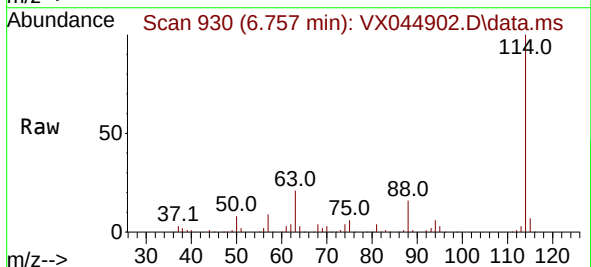
Instrument :  
 MSVOA\_X  
 ClientSampleId :

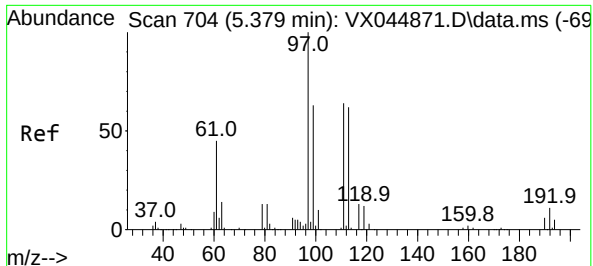
Tgt Ion: 65 Resp: 72878  
 Ion Ratio Lower Upper  
 65 100  
 67 54.8 0.0 108.2



#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 6.757 min Scan# 930  
 Delta R.T. 0.000 min  
 Lab File: VX044902.D  
 Acq: 11 Feb 2025 13:43

Tgt Ion: 114 Resp: 191976  
 Ion Ratio Lower Upper  
 114 100  
 63 21.0 0.0 42.4  
 88 16.4 0.0 31.4

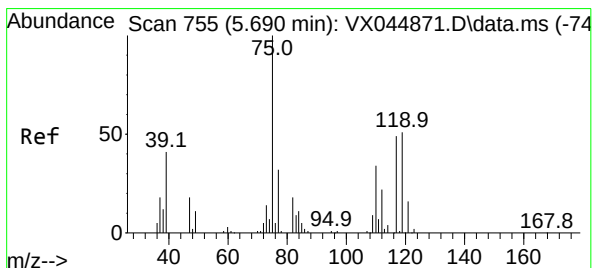
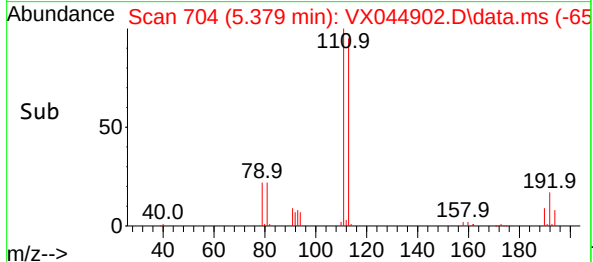
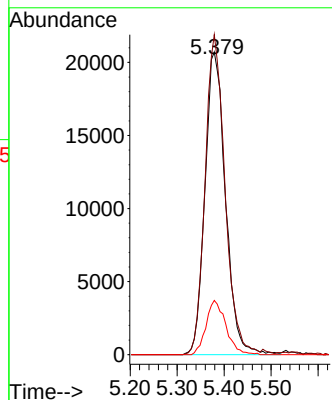
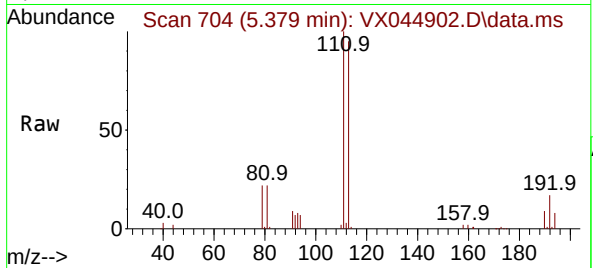




#35  
Dibromofluoromethane  
Concen: 50.379 ug/l  
RT: 5.379 min Scan# 704  
Delta R.T. 0.000 min  
Lab File: VX044902.D  
Acq: 11 Feb 2025 13:43

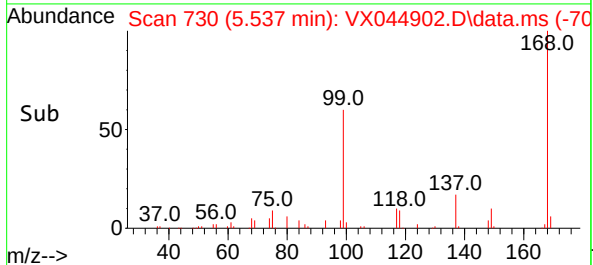
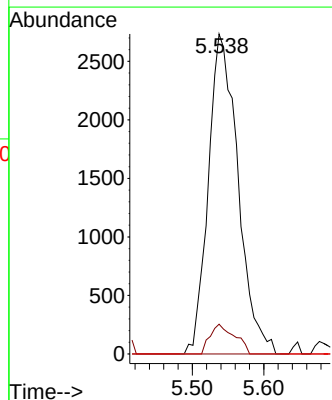
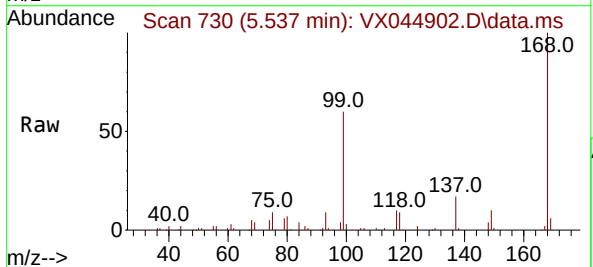
Instrument :  
MSVOA\_X  
ClientSampleId :

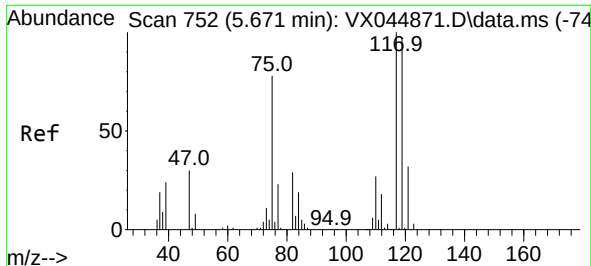
Tgt Ion:113 Resp: 62881  
Ion Ratio Lower Upper  
113 100  
111 102.3 83.5 125.3  
192 17.4 14.4 21.6



#36  
1,1-Dichloropropene  
Concen: 4.376 ug/l  
RT: 5.537 min Scan# 730  
Delta R.T. -0.152 min  
Lab File: VX044902.D  
Acq: 11 Feb 2025 13:43

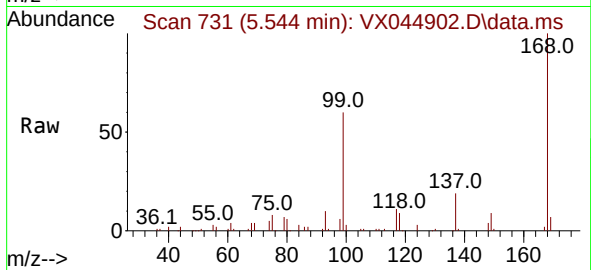
Tgt Ion: 75 Resp: 7880  
Ion Ratio Lower Upper  
75 100  
110 7.7 17.2 51.6#  
77 0.0 24.6 37.0#



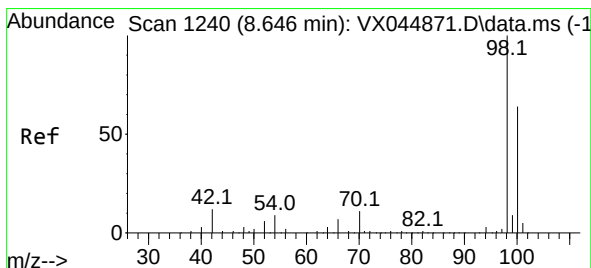
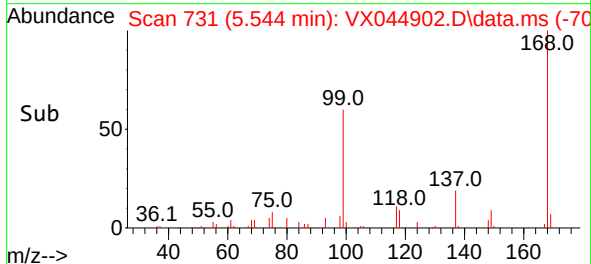
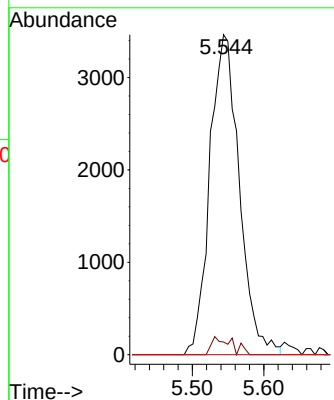


#38  
Carbon Tetrachloride  
Concen: 5.626 ug/l  
RT: 5.544 min Scan# 71  
Delta R.T. -0.128 min  
Lab File: VX044902.D  
Acq: 11 Feb 2025 13:43

Instrument :  
MSVOA\_X  
ClientSampleId :

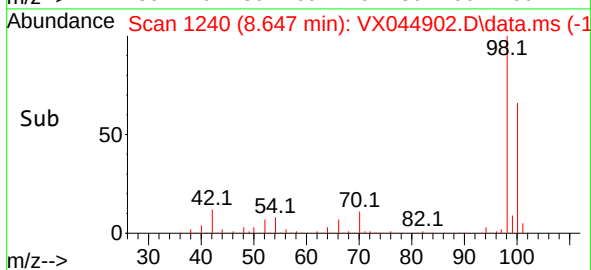
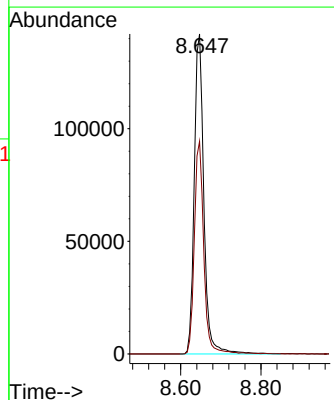
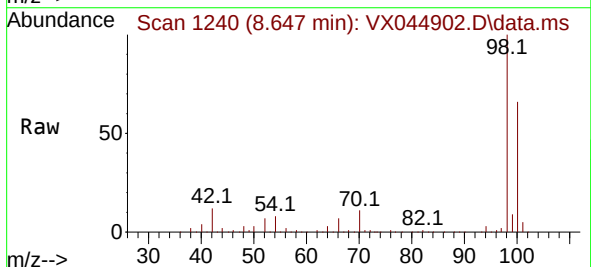


Tgt Ion:117 Resp: 9928  
Ion Ratio Lower Upper  
117 100  
119 3.9 77.5 116.3#  
121 0.0 25.6 38.4#

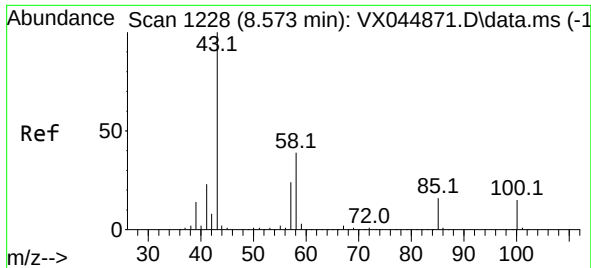


#50  
Toluene-d8  
Concen: 50.016 ug/l  
RT: 8.647 min Scan# 1240  
Delta R.T. 0.000 min  
Lab File: VX044902.D  
Acq: 11 Feb 2025 13:43

Tgt Ion: 98 Resp: 236064  
Ion Ratio Lower Upper  
98 100  
100 65.3 52.7 79.1



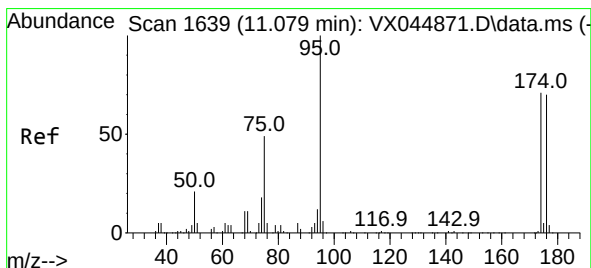
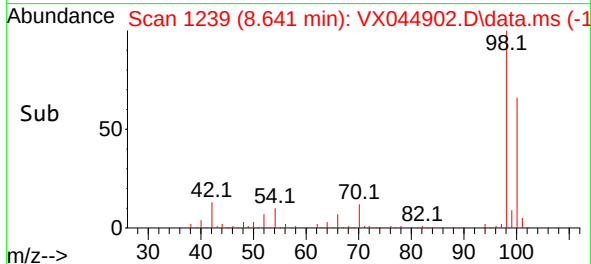
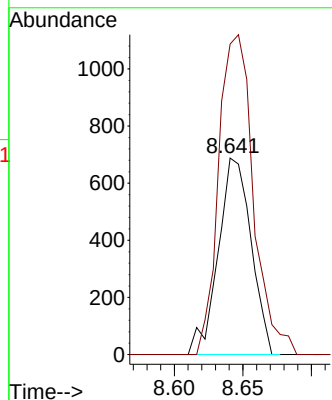
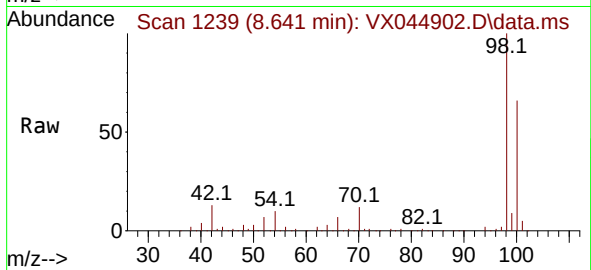




#51  
4-Methyl-2-Pentanone  
Concen: 0.584 ug/l  
RT: 8.641 min Scan# 1148  
Delta R.T. 0.067 min  
Lab File: VX044902.D  
Acq: 11 Feb 2025 13:43

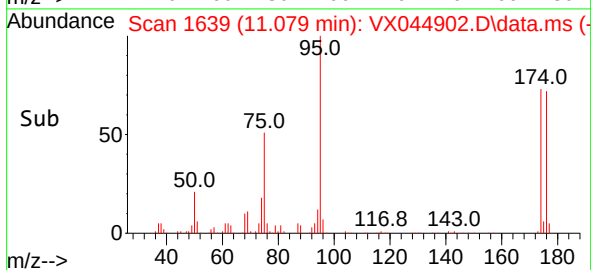
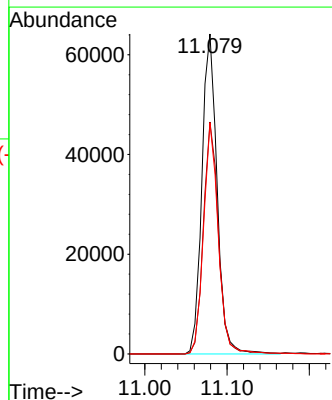
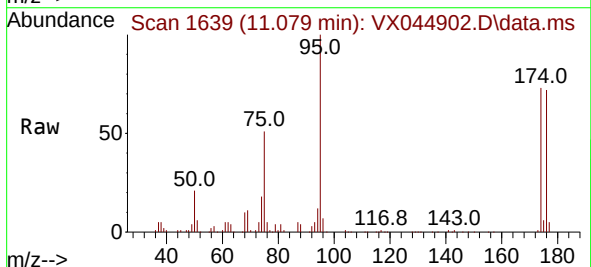
Instrument :  
MSVOA\_X  
ClientSampleId :

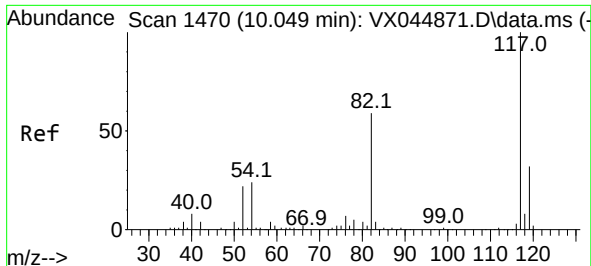
Tgt Ion: 43 Resp: 1148  
Ion Ratio Lower Upper  
43 100  
58 172.0 30.8 46.2#



#62  
4-Bromofluorobenzene  
Concen: 51.784 ug/l  
RT: 11.079 min Scan# 1639  
Delta R.T. 0.000 min  
Lab File: VX044902.D  
Acq: 11 Feb 2025 13:43

Tgt Ion: 95 Resp: 82396  
Ion Ratio Lower Upper  
95 100  
174 71.7 0.0 142.6  
176 70.3 0.0 141.6

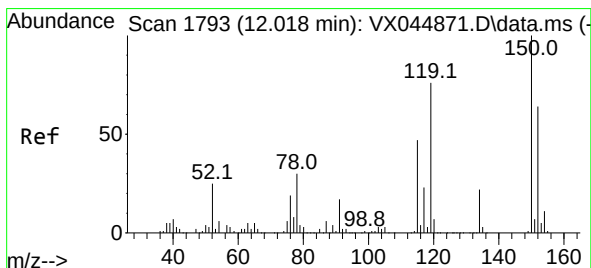
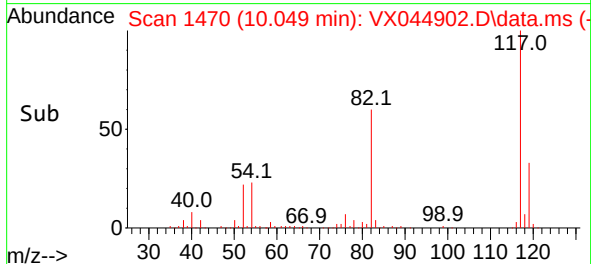
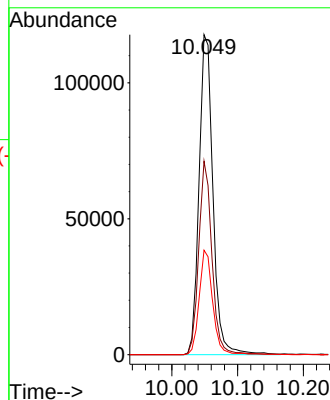
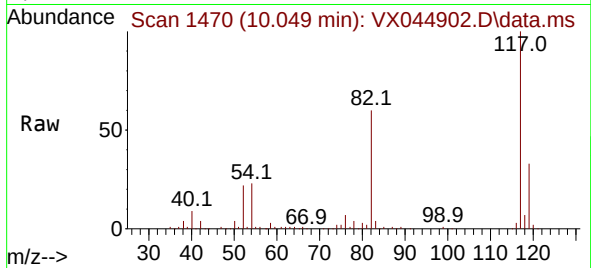




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.049 min Scan# 1470  
Delta R.T. 0.000 min  
Lab File: VX044902.D  
Acq: 11 Feb 2025 13:43

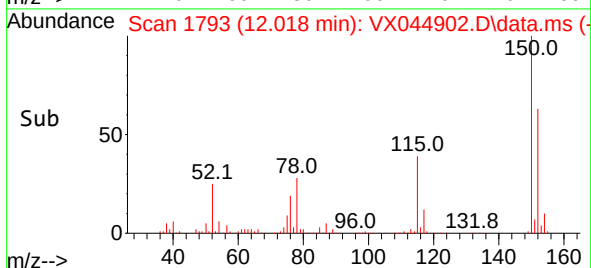
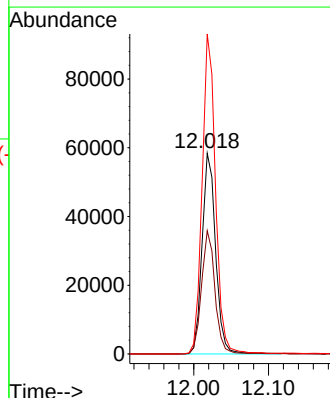
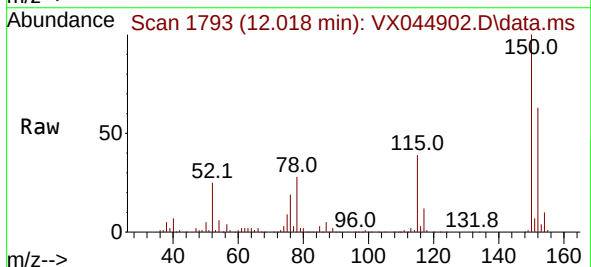
Instrument :  
MSVOA\_X  
ClientSampleId :

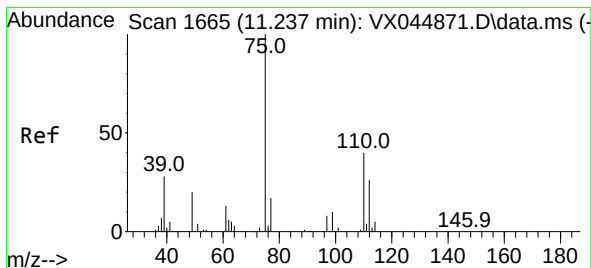
Tgt Ion:117 Resp: 173093  
Ion Ratio Lower Upper  
117 100  
82 60.4 47.5 71.3  
119 32.6 25.4 38.0



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 12.018 min Scan# 1793  
Delta R.T. 0.000 min  
Lab File: VX044902.D  
Acq: 11 Feb 2025 13:43

Tgt Ion:152 Resp: 73691  
Ion Ratio Lower Upper  
152 100  
115 60.9 43.4 130.1  
150 157.0 0.0 350.4





#76

1,2,3-Trichloropropane

Concen: 25.984 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.158 min

Lab File: VX044902.D

Acq: 11 Feb 2025 13:43

Instrument :

MSVOA\_X

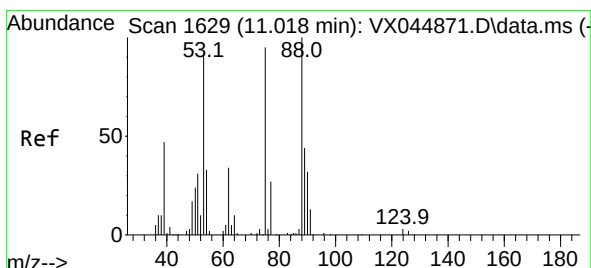
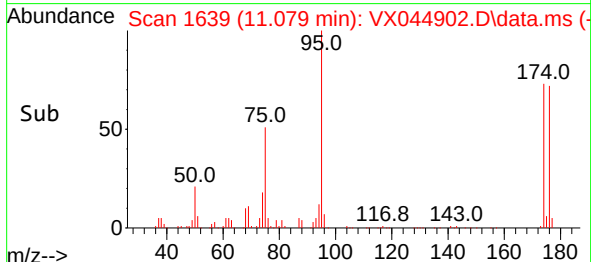
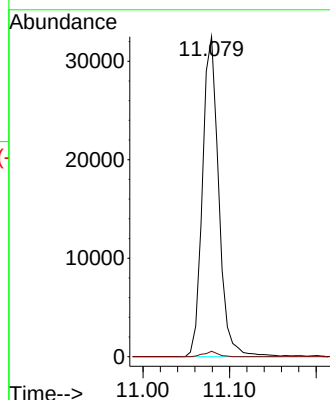
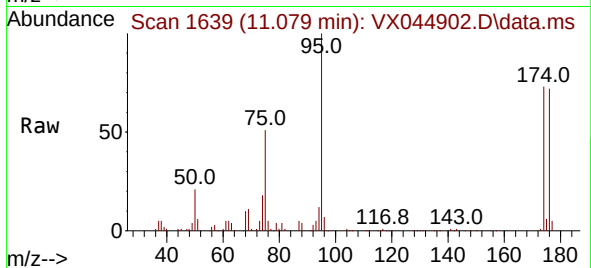
ClientSampleId :

Tgt Ion: 75 Resp: 42454

Ion Ratio Lower Upper

75 100

77 1.4 21.9 65.7#



#81

trans-1,4-Dichloro-2-butene

Concen: 66.841 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX044902.D

Acq: 11 Feb 2025 13:43

Tgt Ion: 75 Resp: 42454

Ion Ratio Lower Upper

75 100

53 0.0 78.0 117.0#

89 0.0 36.6 54.8#

