

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX103024\  
 Data File : VX043624.D  
 Acq On : 30 Oct 2024 15:11  
 Operator : JC/MD  
 Sample : PB164501ZHE#02  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 PB164501ZHE#02

Quant Time: Oct 31 23:24:56 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X102824W.M  
 Quant Title : SW846 8260  
 QLast Update : Mon Oct 28 13:41:34 2024  
 Response via : Initial Calibration

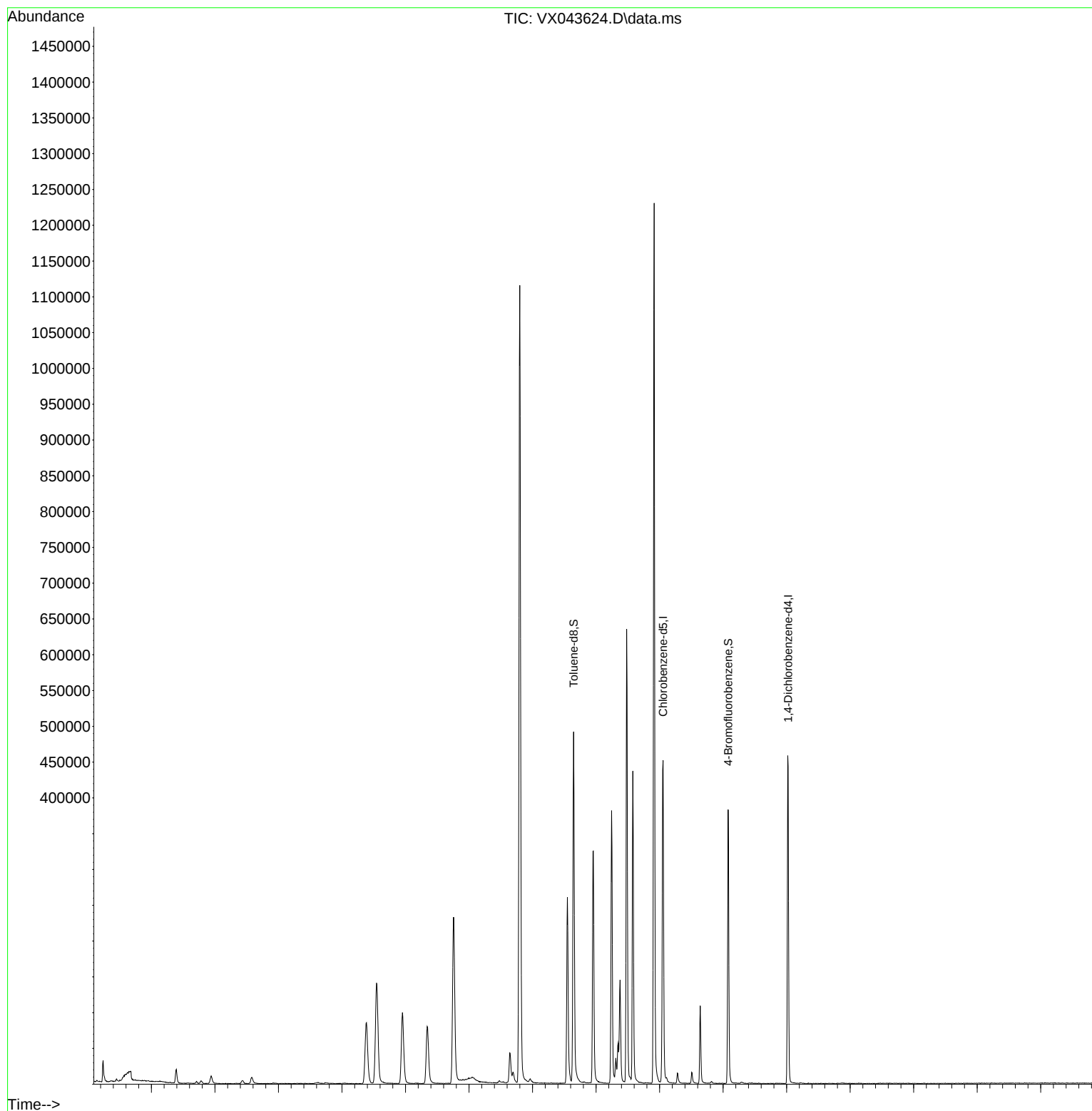
| Compound                    | R.T.           | QIon | Response   | Conc    | Units | Dev(Min) |
|-----------------------------|----------------|------|------------|---------|-------|----------|
| -----                       |                |      |            |         |       |          |
| Internal Standards          |                |      |            |         |       |          |
| 1) Pentafluorobenzene       | 5.544          | 168  | 141057     | 50.000  | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene     | 6.757          | 114  | 258960     | 50.000  | ug/l  | 0.00     |
| 63) Chlorobenzene-d5        | 10.055         | 117  | 222710     | 50.000  | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 12.024         | 152  | 102744     | 50.000  | ug/l  | 0.00     |
|                             |                |      |            |         |       |          |
| System Monitoring Compounds |                |      |            |         |       |          |
| 33) 1,2-Dichloroethane-d4   | 5.952          | 65   | 93181      | 41.429  | ug/l  | 0.00     |
| Spiked Amount 50.000        | Range 74 - 125 |      | Recovery = | 82.860% |       |          |
| 35) Dibromofluoromethane    | 5.385          | 113  | 78447      | 44.674  | ug/l  | 0.00     |
| Spiked Amount 50.000        | Range 75 - 124 |      | Recovery = | 89.340% |       |          |
| 50) Toluene-d8              | 8.647          | 98   | 299646     | 49.295  | ug/l  | 0.00     |
| Spiked Amount 50.000        | Range 86 - 113 |      | Recovery = | 98.600% |       |          |
| 62) 4-Bromofluorobenzene    | 11.079         | 95   | 105439     | 46.811  | ug/l  | 0.00     |
| Spiked Amount 50.000        | Range 77 - 121 |      | Recovery = | 93.620% |       |          |
|                             |                |      |            |         |       |          |
| Target Compounds            |                |      |            |         |       |          |
| 16) Acetone                 | 2.392          | 43   | 21977      | 24.606  | ug/l  | 98       |
| 43) Isopropyl Acetate       | 6.342          | 43   | 115708     | 27.678  | ug/l  | 98       |
| -----                       |                |      |            |         |       |          |

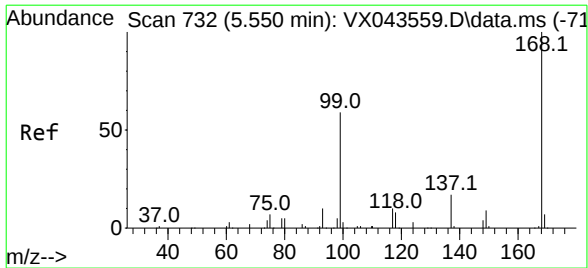
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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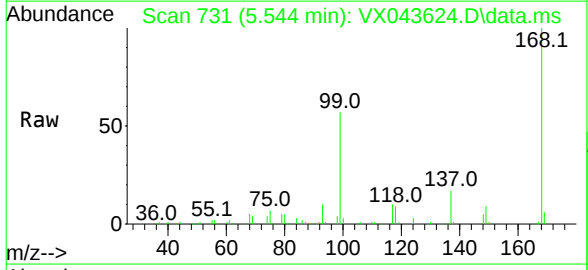
Quant Time: Oct 31 23:24:56 2024  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X102824W.M  
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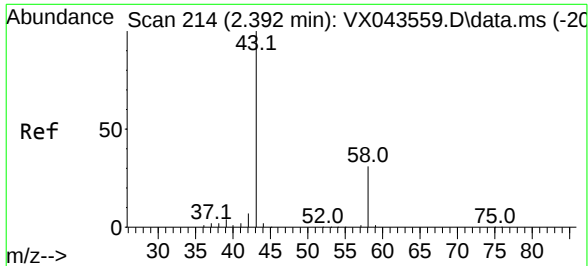
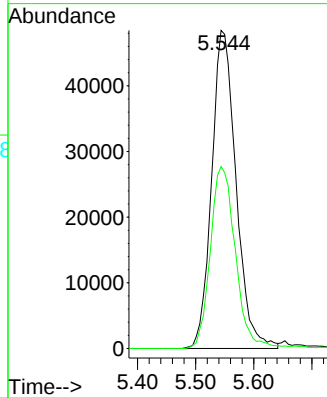
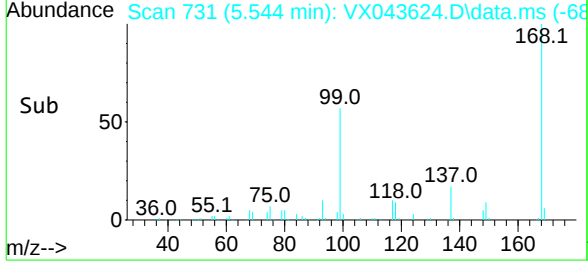


#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.544 min Scan# 732  
Delta R.T. -0.006 min  
Lab File: VX043624.D  
Acq: 30 Oct 2024 15:11

Instrument :  
MSVOA\_X  
ClientSampleId :  
PB164501ZHE#02

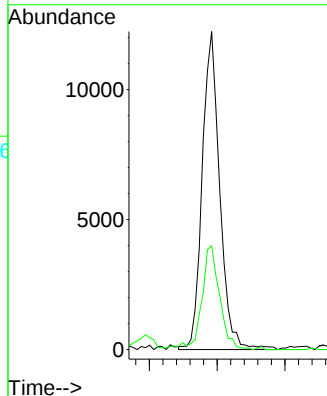
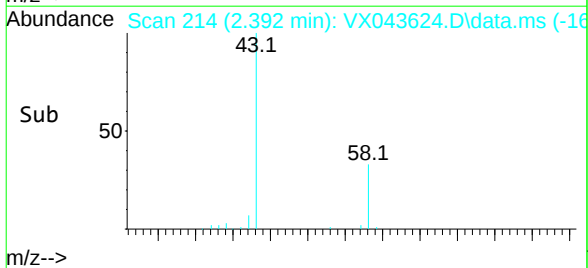
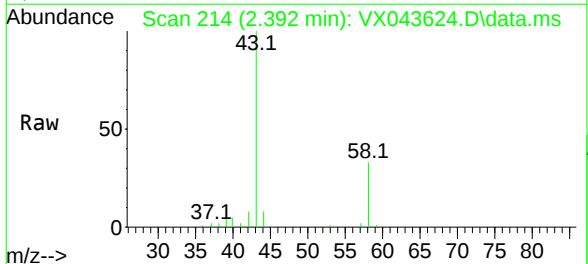


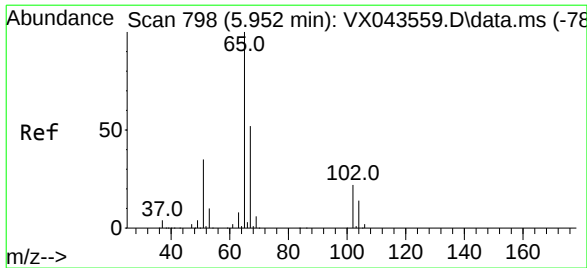
Tgt Ion:168 Resp: 141057  
Ion Ratio Lower Upper  
168 100  
99 57.2 52.6 78.8



#16  
Acetone  
Concen: 24.606 ug/l  
RT: 2.392 min Scan# 214  
Delta R.T. -0.006 min  
Lab File: VX043624.D  
Acq: 30 Oct 2024 15:11

Tgt Ion: 43 Resp: 21977  
Ion Ratio Lower Upper  
43 100  
58 32.6 25.1 37.7

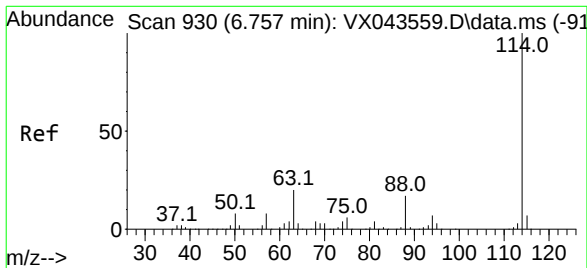
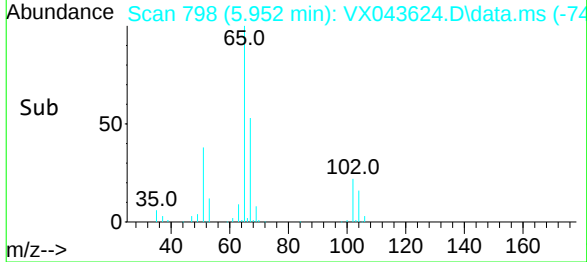
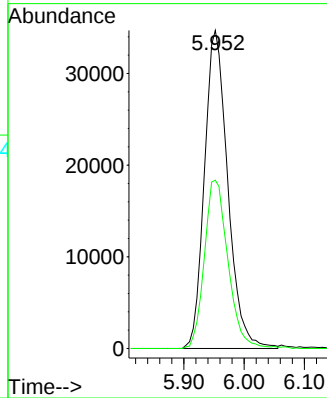
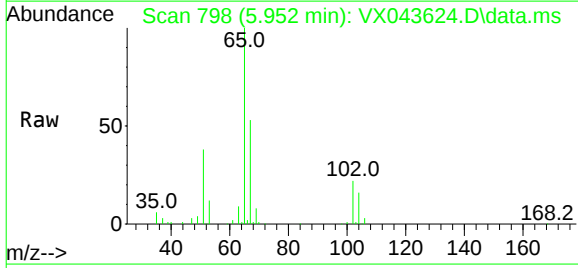




#33  
1,2-Dichloroethane-d4  
Concen: 41.429 ug/l  
RT: 5.952 min Scan# 798  
Delta R.T. 0.000 min  
Lab File: VX043624.D  
Acq: 30 Oct 2024 15:11

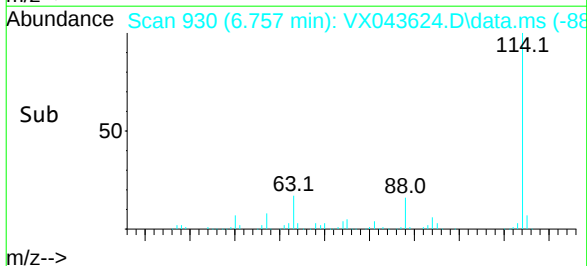
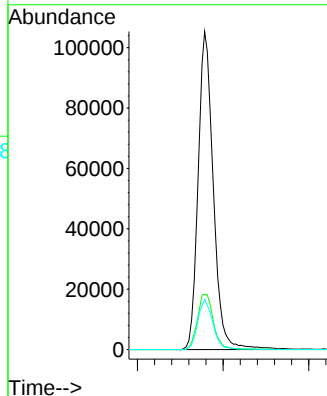
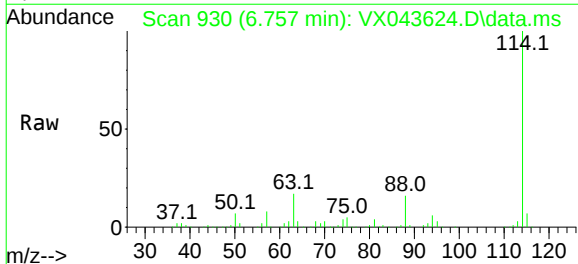
Instrument :  
MSVOA\_X  
ClientSampleId :  
PB164501ZHE#02

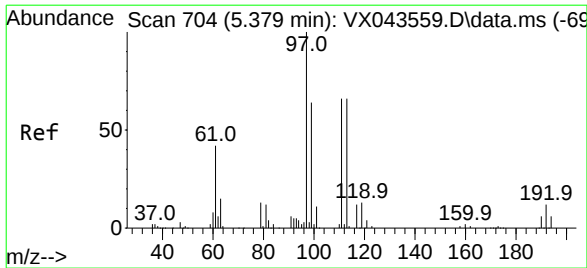
Tgt Ion: 65 Resp: 93181  
Ion Ratio Lower Upper  
65 100  
67 53.8 0.0 103.4



#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 6.757 min Scan# 930  
Delta R.T. 0.000 min  
Lab File: VX043624.D  
Acq: 30 Oct 2024 15:11

Tgt Ion: 114 Resp: 258960  
Ion Ratio Lower Upper  
114 100  
63 17.4 0.0 41.2  
88 15.8 0.0 34.0





#35

Dibromofluoromethane

Concen: 44.674 ug/l

RT: 5.385 min Scan# 704

Delta R.T. 0.000 min

Lab File: VX043624.D

Acq: 30 Oct 2024 15:11

Instrument :

MSVOA\_X

ClientSampleId :

PB164501ZHE#02

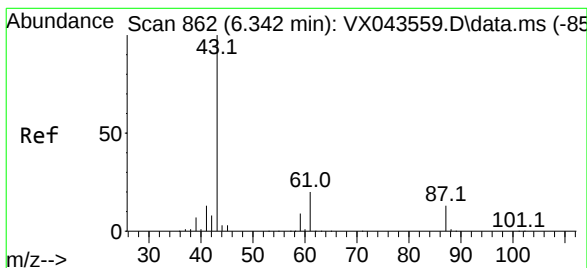
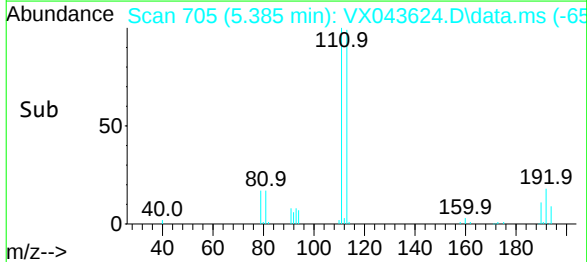
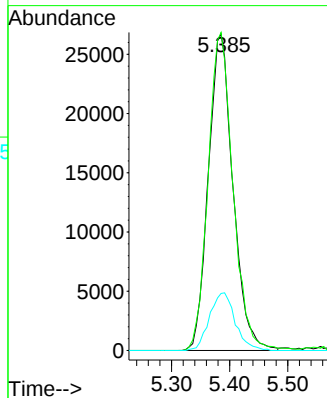
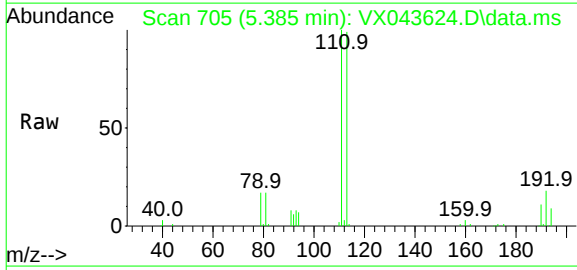
Tgt Ion:113 Resp: 78447

Ion Ratio Lower Upper

113 100

111 101.7 81.4 122.0

192 19.1 14.1 21.1



#43

Isopropyl Acetate

Concen: 27.678 ug/l

RT: 6.342 min Scan# 862

Delta R.T. 0.000 min

Lab File: VX043624.D

Acq: 30 Oct 2024 15:11

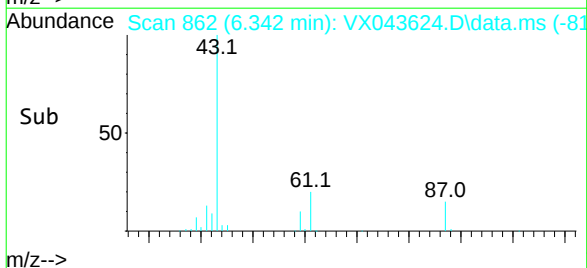
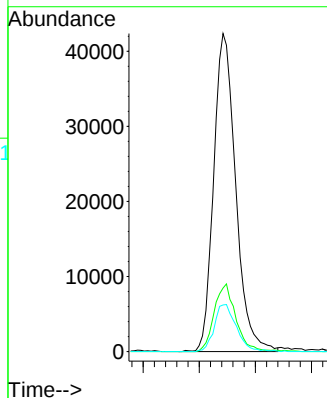
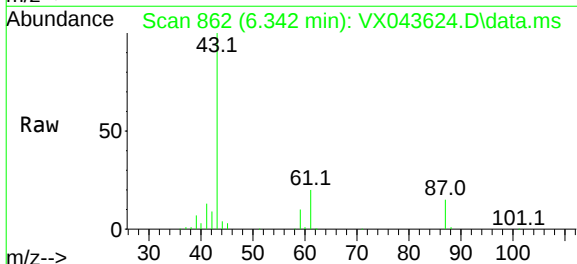
Tgt Ion: 43 Resp: 115708

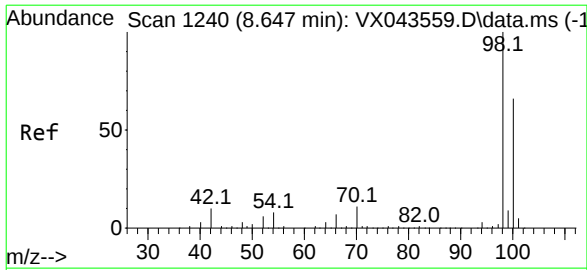
Ion Ratio Lower Upper

43 100

61 21.1 16.2 24.4

87 14.8 11.0 16.6





#50

Toluene-d8

Concen: 49.295 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.000 min

Lab File: VX043624.D

Acq: 30 Oct 2024 15:11

Instrument :

MSVOA\_X

ClientSampleId :

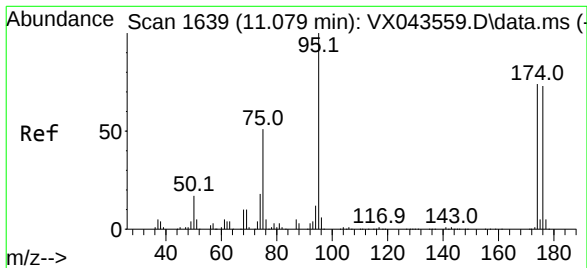
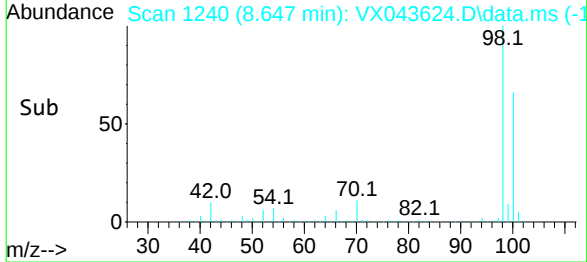
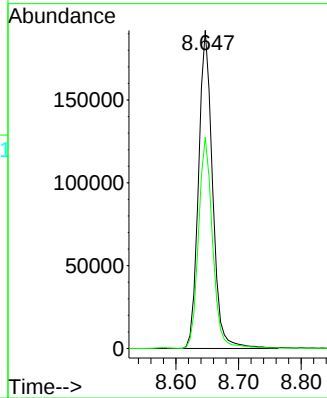
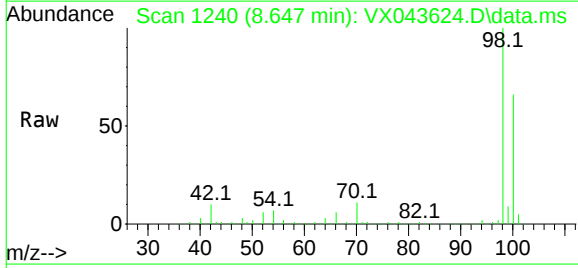
PB164501ZHE#02

Tgt Ion: 98 Resp: 299646

Ion Ratio Lower Upper

98 100

100 66.3 53.4 80.2



#62

4-Bromofluorobenzene

Concen: 46.811 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX043624.D

Acq: 30 Oct 2024 15:11

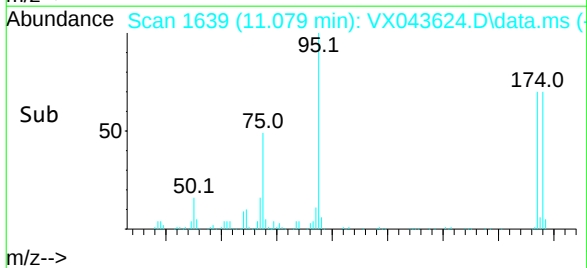
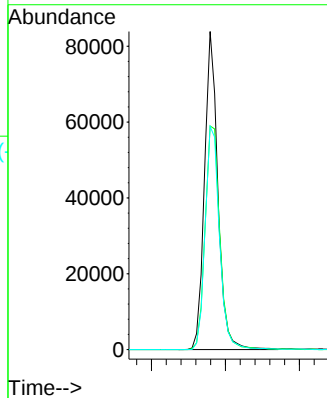
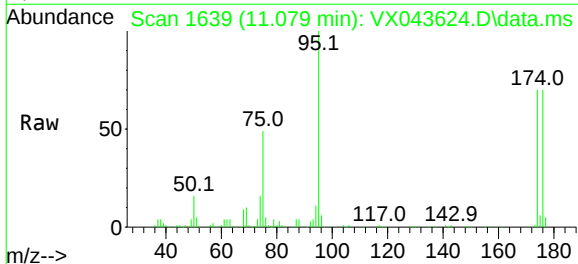
Tgt Ion: 95 Resp: 105439

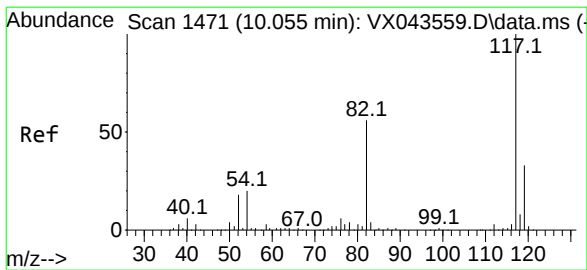
Ion Ratio Lower Upper

95 100

174 77.8 0.0 146.6

176 75.2 0.0 139.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VX043624.D

Acq: 30 Oct 2024 15:11

Instrument :

MSVOA\_X

ClientSampleId :

PB164501ZHE#02

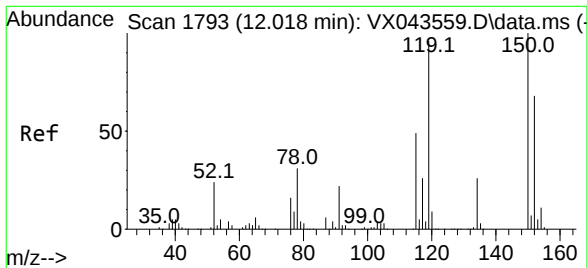
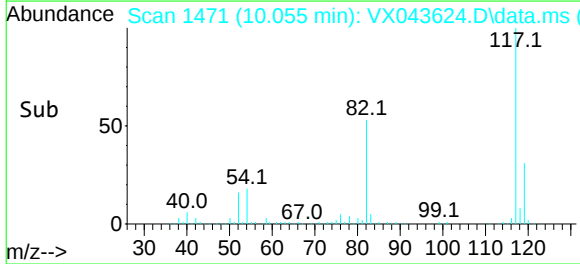
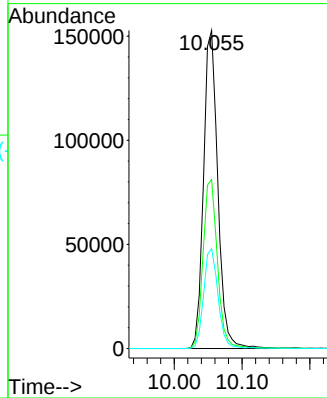
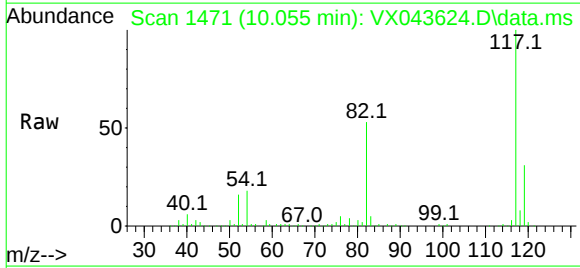
Tgt Ion:117 Resp: 222710

Ion Ratio Lower Upper

117 100

82 53.1 42.1 63.1

119 31.4 25.4 38.2



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. 0.000 min

Lab File: VX043624.D

Acq: 30 Oct 2024 15:11

Tgt Ion:152 Resp: 102744

Ion Ratio Lower Upper

152 100

115 60.5 42.9 128.7

150 156.6 0.0 343.6

