

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX092424\  
 Data File : VX043121.D  
 Acq On : 24 Sep 2024 14:39  
 Operator : JC/MD  
 Sample : PB163627TB  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 PB163627TB

Quant Time: Sep 25 01:28:39 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X092324W.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Sep 24 03:13:52 2024  
 Response via : Initial Calibration

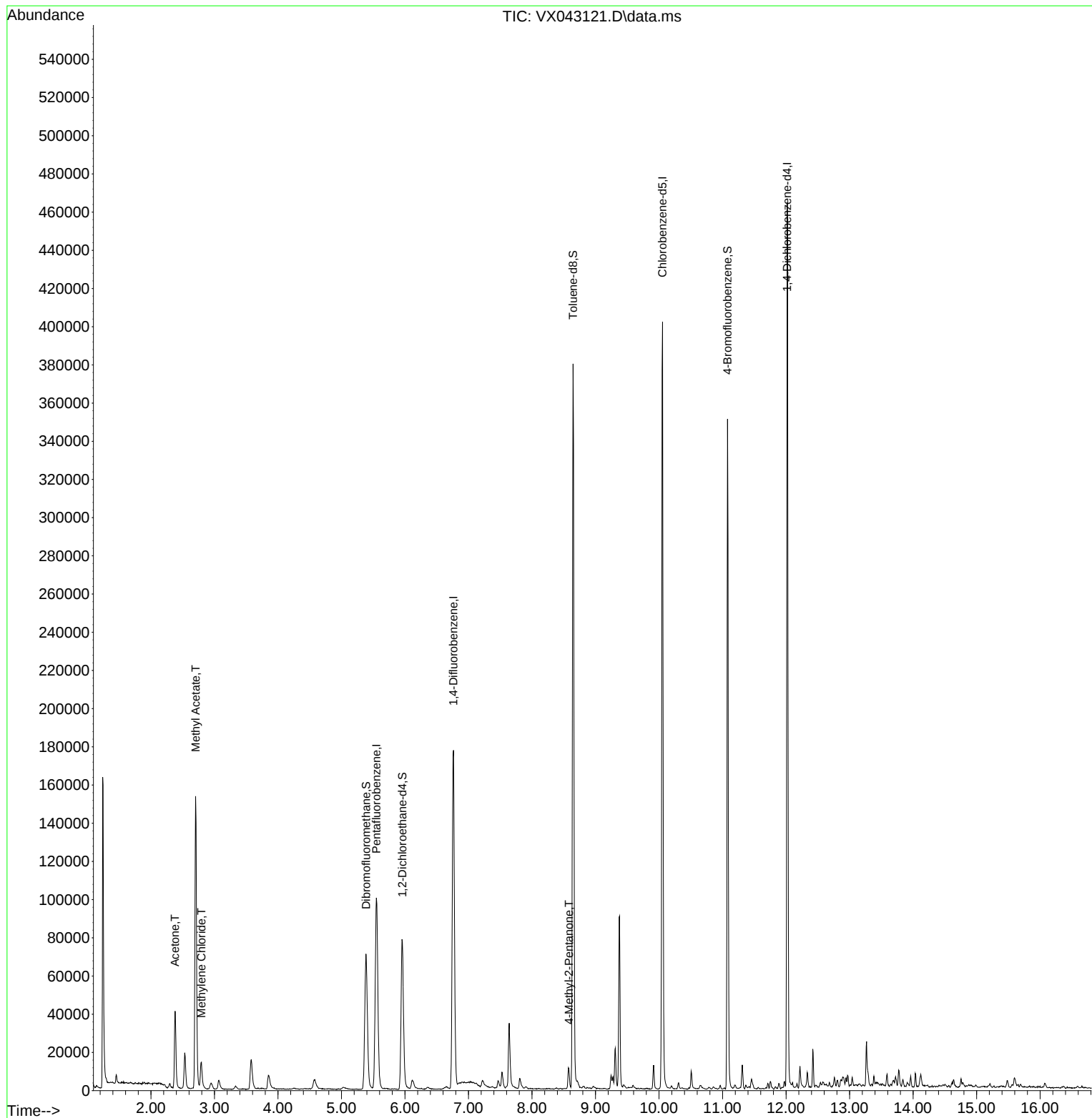
| Compound                    | R.T. QIon |       | Response | Conc     | Units  | Dev(Min) |
|-----------------------------|-----------|-------|----------|----------|--------|----------|
| -----                       |           |       |          |          |        |          |
| Internal Standards          |           |       |          |          |        |          |
| 1) Pentafluorobenzene       | 5.550     | 168   | 92238    | 50.000   | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene     | 6.763     | 114   | 180360   | 50.000   | ug/l   | 0.00     |
| 63) Chlorobenzene-d5        | 10.055    | 117   | 172332   | 50.000   | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 12.018    | 152   | 91350    | 50.000   | ug/l   | 0.00     |
| System Monitoring Compounds |           |       |          |          |        |          |
| 33) 1,2-Dichloroethane-d4   | 5.958     | 65    | 80583    | 52.596   | ug/l   | 0.00     |
| Spiked Amount               | 50.000    | Range | 74 - 125 | Recovery | =      | 105.200% |
| 35) Dibromofluoromethane    | 5.385     | 113   | 62082    | 48.794   | ug/l   | 0.00     |
| Spiked Amount               | 50.000    | Range | 75 - 124 | Recovery | =      | 97.580%  |
| 50) Toluene-d8              | 8.647     | 98    | 224440   | 52.140   | ug/l   | 0.00     |
| Spiked Amount               | 50.000    | Range | 86 - 113 | Recovery | =      | 104.280% |
| 62) 4-Bromofluorobenzene    | 11.079    | 95    | 93055    | 53.681   | ug/l   | 0.00     |
| Spiked Amount               | 50.000    | Range | 77 - 121 | Recovery | =      | 107.360% |
| Target Compounds            |           |       |          |          |        |          |
|                             |           |       |          |          | Qvalue |          |
| 16) Acetone                 | 2.380     | 43    | 44426    | 62.003   | ug/l   | 99       |
| 18) Methyl Acetate          | 2.703     | 43    | 176265   | 91.399   | ug/l   | 99       |
| 20) Methylene Chloride      | 2.794     | 84    | 6960     | 6.106    | ug/l   | 92       |
| 51) 4-Methyl-2-Pentanone    | 8.580     | 43    | 6993     | 3.470    | ug/l   | 99       |
| -----                       |           |       |          |          |        |          |

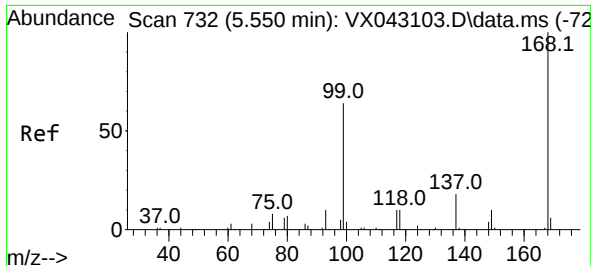
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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MSVOA\_X  
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PB163627TB

Quant Time: Sep 25 01:28:39 2024  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X092324W.M  
Quant Title : SW846 8260  
QLast Update : Tue Sep 24 03:13:52 2024  
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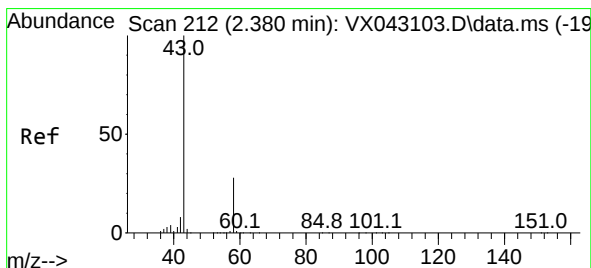
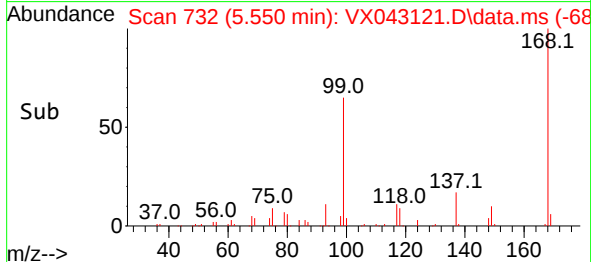
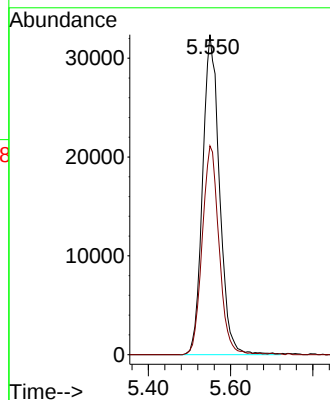
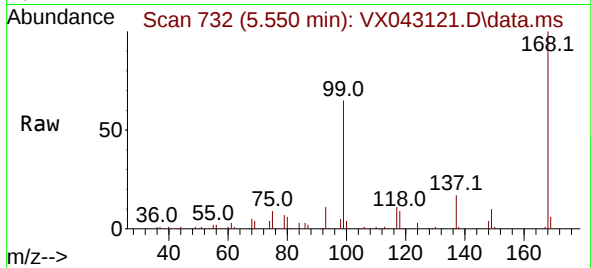




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.550 min Scan# 732  
Delta R.T. -0.000 min  
Lab File: VX043121.D  
Acq: 24 Sep 2024 14:39

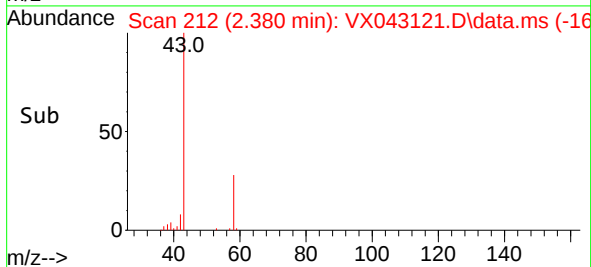
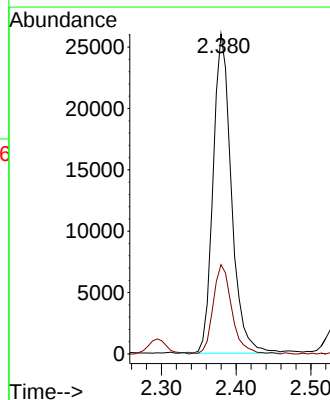
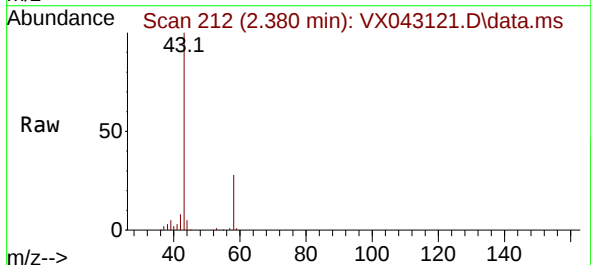
Instrument :  
MSVOA\_X  
ClientSampleId :  
PB163627TB

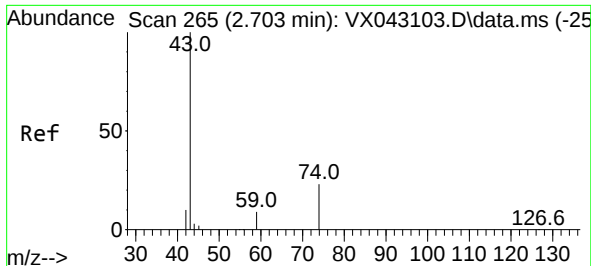
Tgt Ion:168 Resp: 92238  
Ion Ratio Lower Upper  
168 100  
99 65.2 50.8 76.2



#16  
Acetone  
Concen: 62.003 ug/l  
RT: 2.380 min Scan# 212  
Delta R.T. -0.000 min  
Lab File: VX043121.D  
Acq: 24 Sep 2024 14:39

Tgt Ion: 43 Resp: 44426  
Ion Ratio Lower Upper  
43 100  
58 28.0 22.6 34.0

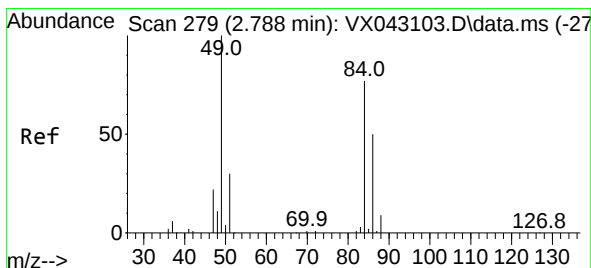
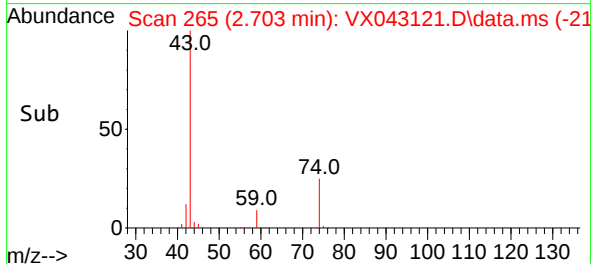
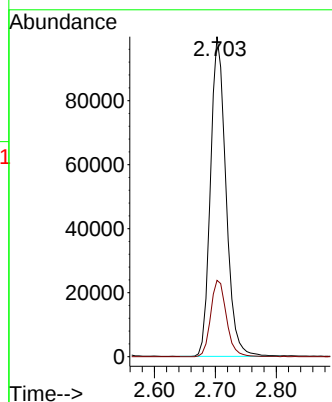
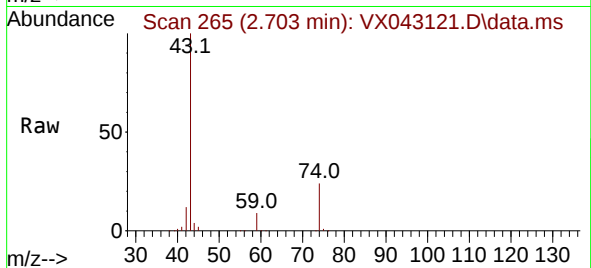




#18  
Methyl Acetate  
Concen: 91.399 ug/l  
RT: 2.703 min Scan# 20  
Delta R.T. -0.000 min  
Lab File: VX043121.D  
Acq: 24 Sep 2024 14:39

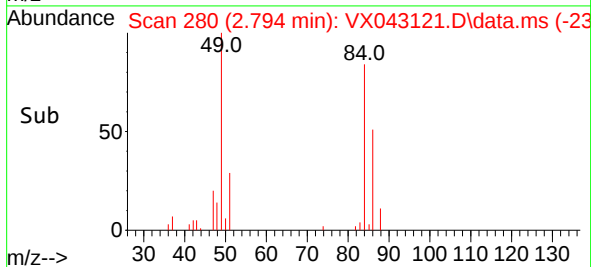
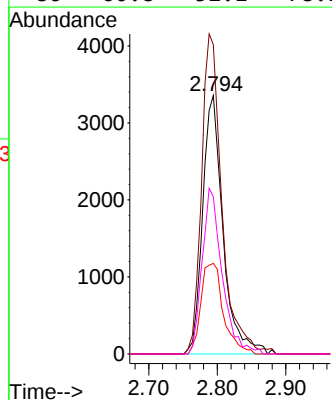
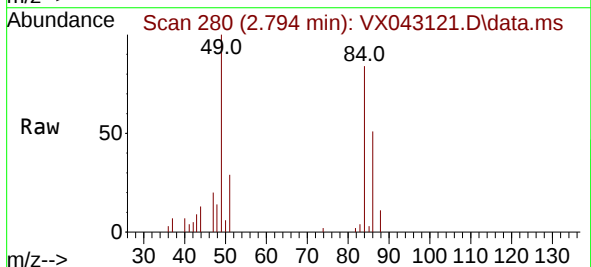
Instrument :  
MSVOA\_X  
ClientSampleId :  
PB163627TB

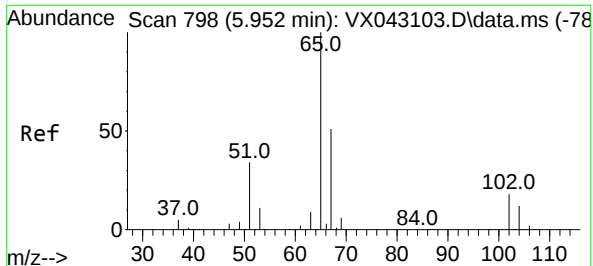
Tgt Ion: 43 Resp: 176265  
Ion Ratio Lower Upper  
43 100  
74 24.4 19.2 28.8



#20  
Methylene Chloride  
Concen: 6.106 ug/l  
RT: 2.794 min Scan# 280  
Delta R.T. 0.006 min  
Lab File: VX043121.D  
Acq: 24 Sep 2024 14:39

Tgt Ion: 84 Resp: 6960  
Ion Ratio Lower Upper  
84 100  
49 119.7 104.1 156.1  
51 35.0 31.1 46.7  
86 60.8 52.1 78.1





#33

1,2-Dichloroethane-d4

Concen: 52.596 ug/l

RT: 5.958 min Scan# 798

Delta R.T. 0.006 min

Lab File: VX043121.D

Acq: 24 Sep 2024 14:39

Instrument :

MSVOA\_X

ClientSampleId :

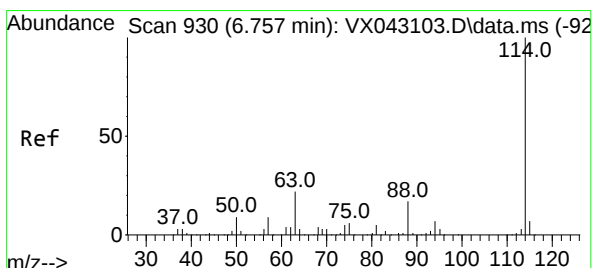
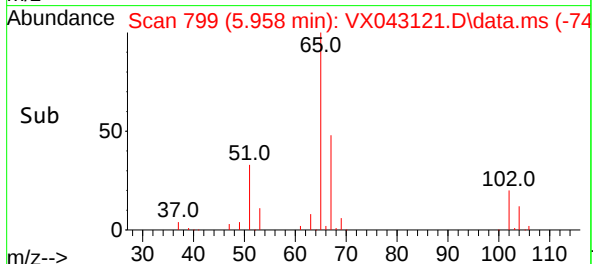
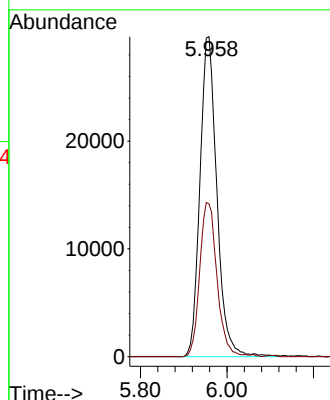
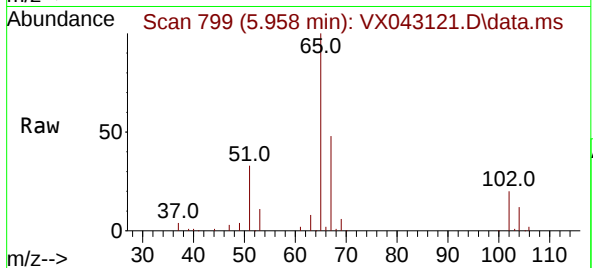
PB163627TB

Tgt Ion: 65 Resp: 80583

Ion Ratio Lower Upper

65 100

67 49.3 0.0 99.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.006 min

Lab File: VX043121.D

Acq: 24 Sep 2024 14:39

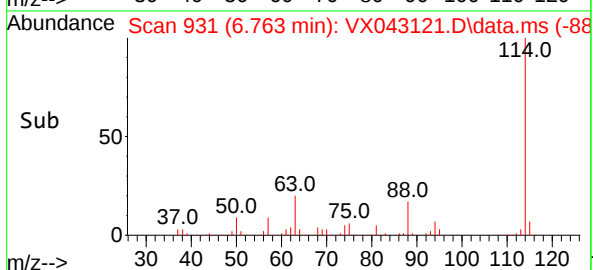
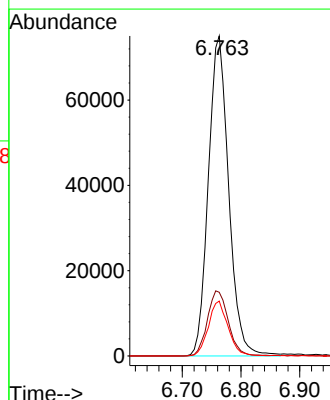
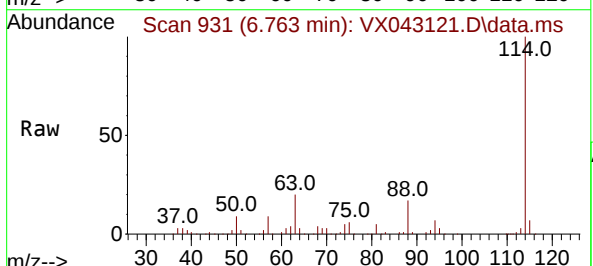
Tgt Ion: 114 Resp: 180360

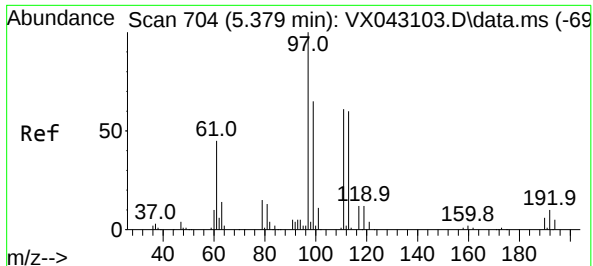
Ion Ratio Lower Upper

114 100

63 19.9 0.0 43.2

88 17.2 0.0 33.4





#35

Dibromofluoromethane

Concen: 48.794 ug/l

RT: 5.385 min Scan# 704

Delta R.T. 0.006 min

Lab File: VX043121.D

Acq: 24 Sep 2024 14:39

Instrument :

MSVOA\_X

ClientSampleId :

PB163627TB

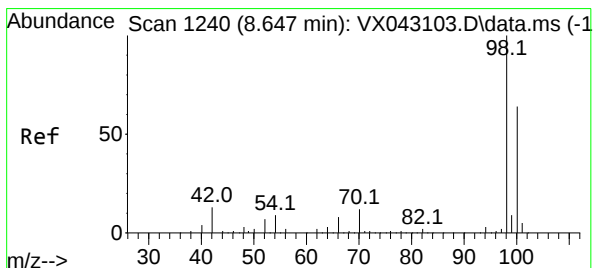
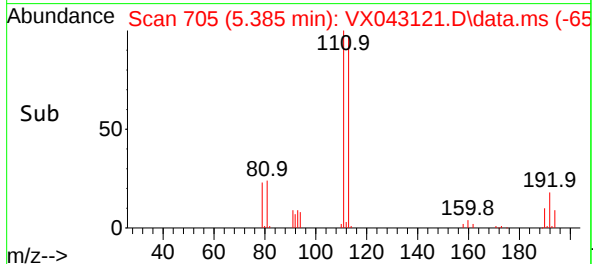
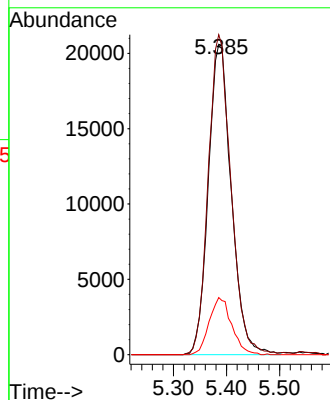
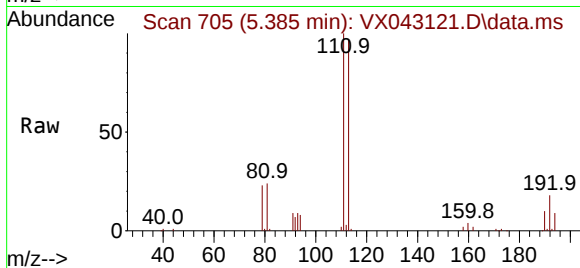
Tgt Ion:113 Resp: 62082

Ion Ratio Lower Upper

113 100

111 101.9 82.6 124.0

192 18.0 14.6 22.0



#50

Toluene-d8

Concen: 52.140 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. -0.000 min

Lab File: VX043121.D

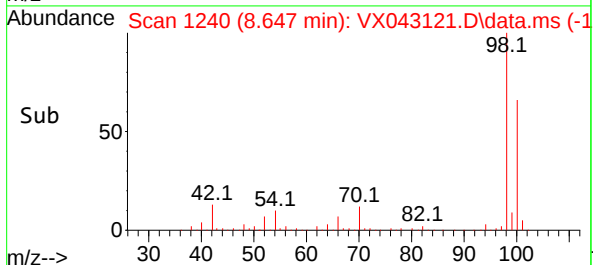
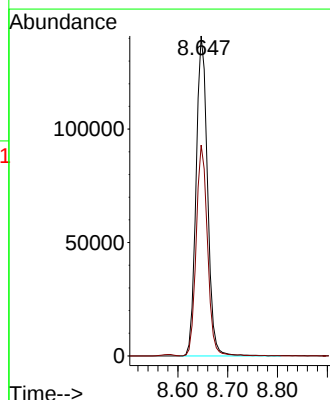
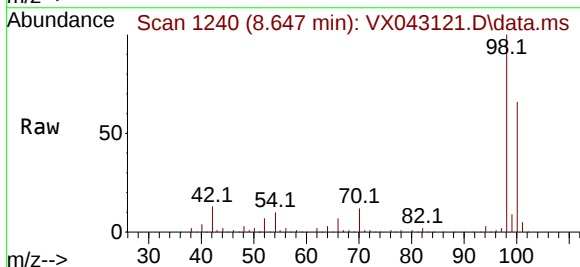
Acq: 24 Sep 2024 14:39

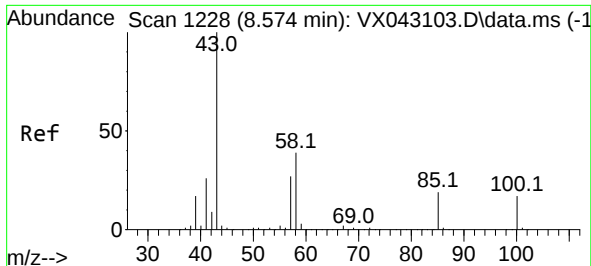
Tgt Ion: 98 Resp: 224440

Ion Ratio Lower Upper

98 100

100 65.0 52.2 78.4





#51

4-Methyl-2-Pentanone

Concen: 3.470 ug/l

RT: 8.580 min Scan# 11

Delta R.T. 0.006 min

Lab File: VX043121.D

Acq: 24 Sep 2024 14:39

Instrument :

MSVOA\_X

ClientSampleId :

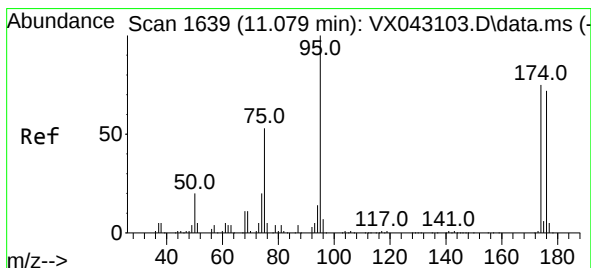
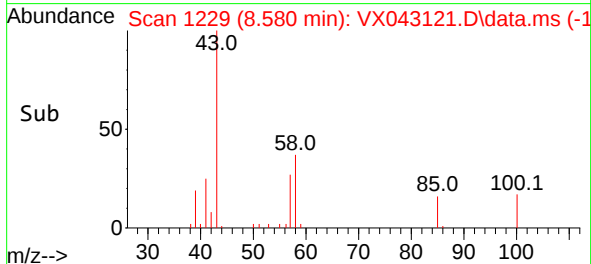
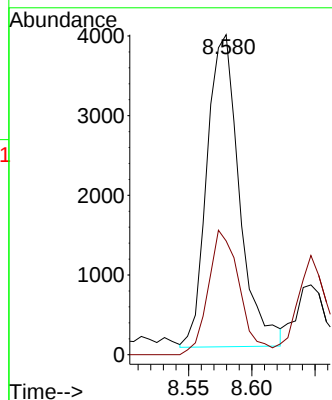
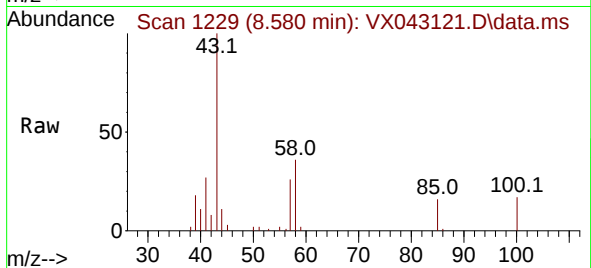
PB163627TB

Tgt Ion: 43 Resp: 6993

Ion Ratio Lower Upper

43 100

58 38.5 30.3 45.5



#62

4-Bromofluorobenzene

Concen: 53.681 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.000 min

Lab File: VX043121.D

Acq: 24 Sep 2024 14:39

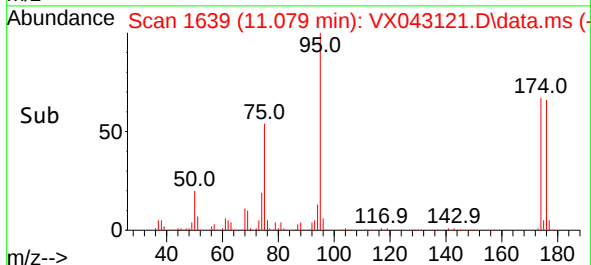
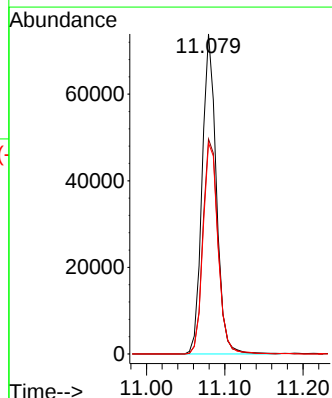
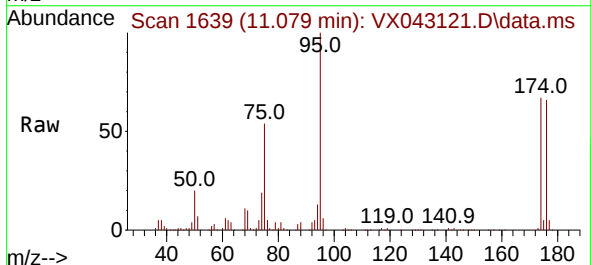
Tgt Ion: 95 Resp: 93055

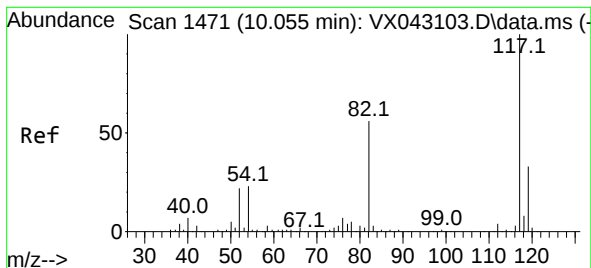
Ion Ratio Lower Upper

95 100

174 71.4 0.0 146.0

176 69.6 0.0 142.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. -0.000 min

Lab File: VX043121.D

Acq: 24 Sep 2024 14:39

Instrument :

MSVOA\_X

ClientSampleId :

PB163627TB

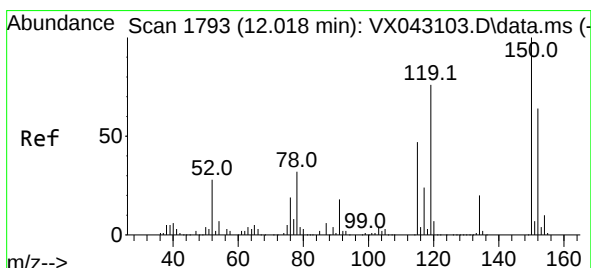
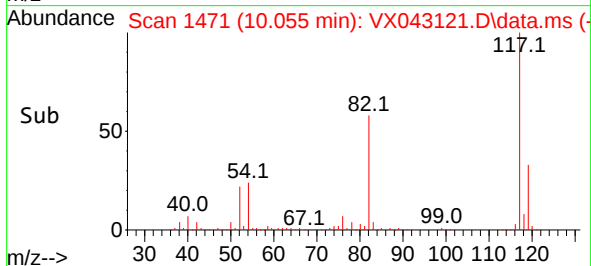
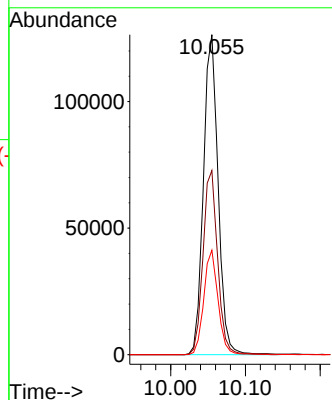
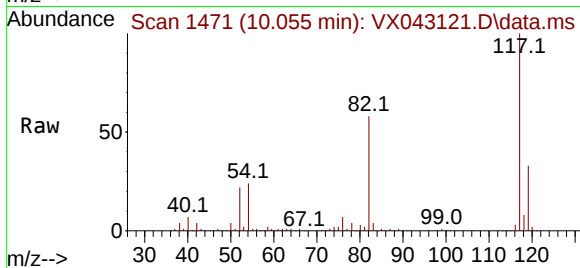
Tgt Ion:117 Resp: 172332

Ion Ratio Lower Upper

117 100

82 57.6 44.7 67.1

119 32.7 26.3 39.5



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.018 min Scan# 1793

Delta R.T. -0.000 min

Lab File: VX043121.D

Acq: 24 Sep 2024 14:39

Tgt Ion:152 Resp: 91350

Ion Ratio Lower Upper

152 100

115 64.2 43.7 131.1

150 156.2 0.0 344.6

