

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX020524\  
 Data File : VX040115.D  
 Acq On : 05 Feb 2024 14:54  
 Operator : JC/MD  
 Sample : P1141-06  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 EB-3-2-4

Quant Time: Feb 06 03:01:24 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X013024W.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Feb 01 05:44:39 2024  
 Response via : Initial Calibration

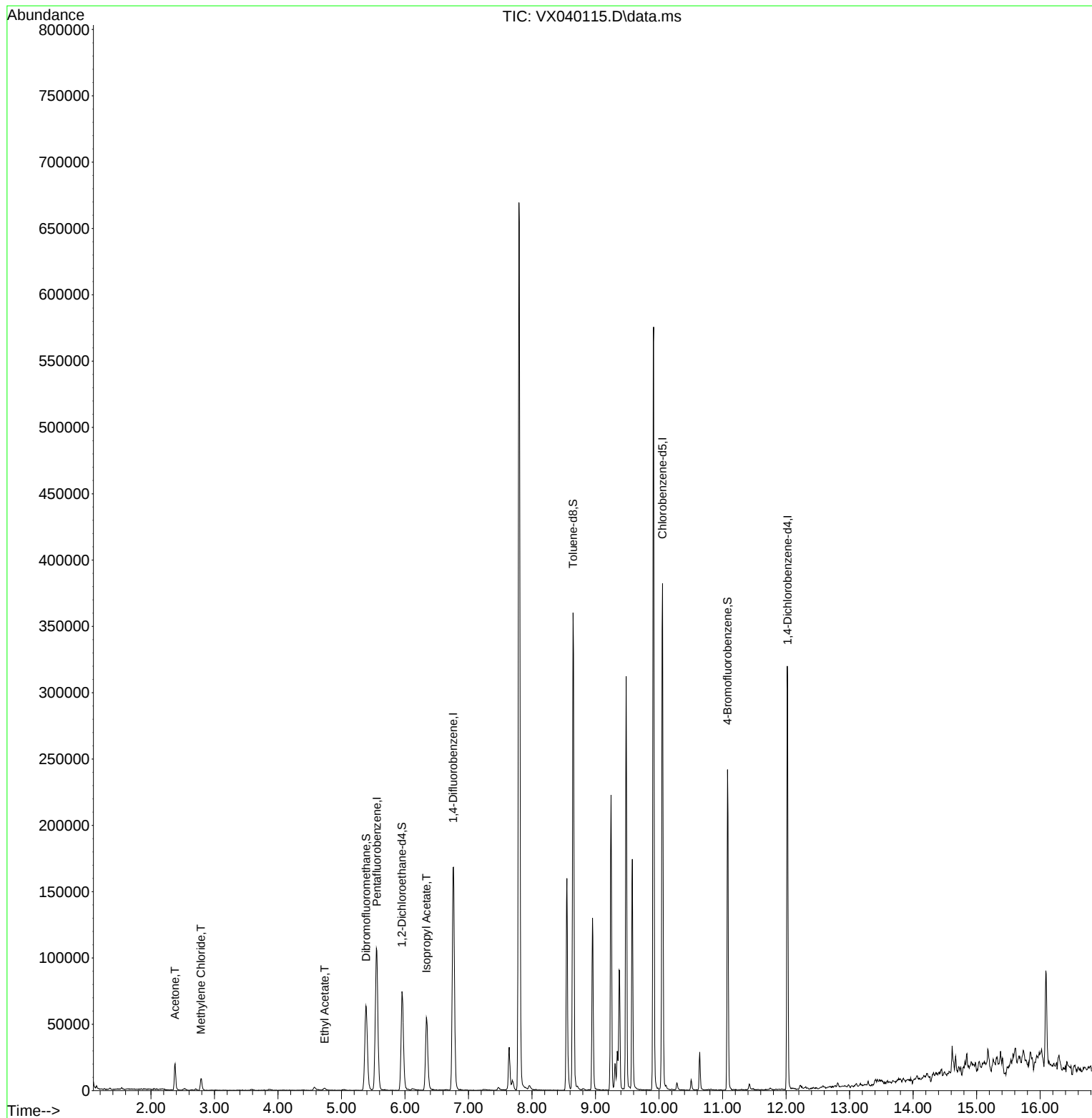
| Compound                    | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-----------------------------|--------|-------|----------|----------|--------|----------|
| -----                       |        |       |          |          |        |          |
| Internal Standards          |        |       |          |          |        |          |
| 1) Pentafluorobenzene       | 5.556  | 168   | 95695    | 50.000   | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene     | 6.757  | 114   | 173310   | 50.000   | ug/l   | 0.00     |
| 63) Chlorobenzene-d5        | 10.055 | 117   | 164983   | 50.000   | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 12.024 | 152   | 56590    | 50.000   | ug/l   | 0.00     |
| System Monitoring Compounds |        |       |          |          |        |          |
| 33) 1,2-Dichloroethane-d4   | 5.952  | 65    | 68618    | 44.555   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 78 - 117 | Recovery | =      | 89.100%  |
| 35) Dibromofluoromethane    | 5.385  | 113   | 55461    | 47.010   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 75 - 124 | Recovery | =      | 94.020%  |
| 50) Toluene-d8              | 8.647  | 98    | 212637   | 48.195   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 92 - 112 | Recovery | =      | 96.380%  |
| 62) 4-Bromofluorobenzene    | 11.079 | 95    | 62065    | 36.533   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 83 - 123 | Recovery | =      | 73.060%# |
| Target Compounds            |        |       |          |          |        |          |
|                             |        |       |          |          | Qvalue |          |
| 16) Acetone                 | 2.380  | 43    | 19828    | 27.478   | ug/l # | 89       |
| 20) Methylene Chloride      | 2.788  | 84    | 3943     | 3.075    | ug/l   | 97       |
| 37) Ethyl Acetate           | 4.733  | 43    | 3317     | 1.780    | ug/l # | 92       |
| 43) Isopropyl Acetate       | 6.336  | 43    | 77152    | 26.255   | ug/l   | 99       |
| -----                       |        |       |          |          |        |          |

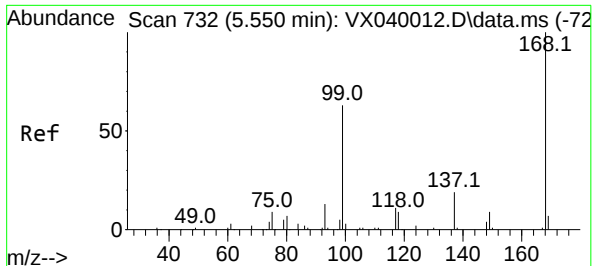
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X013024W.M  
Quant Title : SW846 8260  
QLast Update : Thu Feb 01 05:44:39 2024  
Response via : Initial Calibration

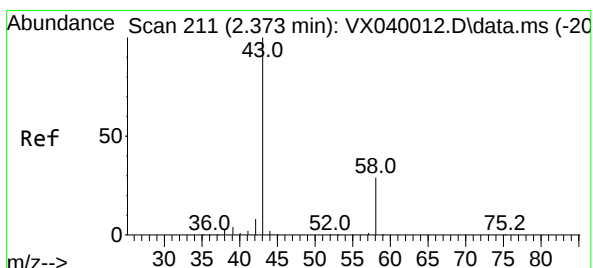
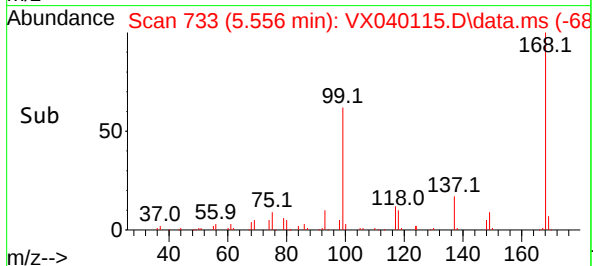
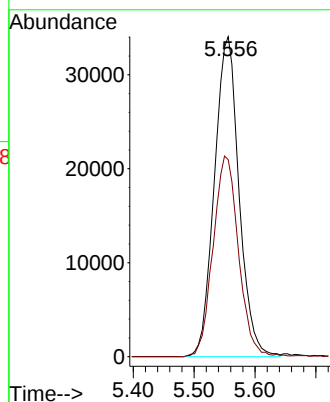
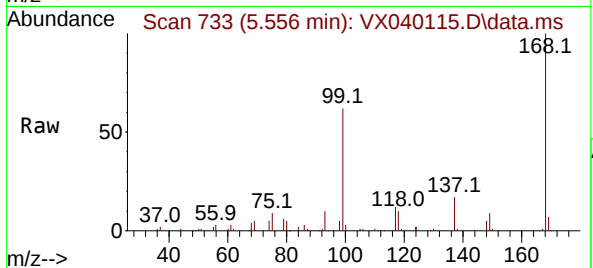




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.556 min Scan# 71  
Delta R.T. 0.006 min  
Lab File: VX040115.D  
Acq: 05 Feb 2024 14:54

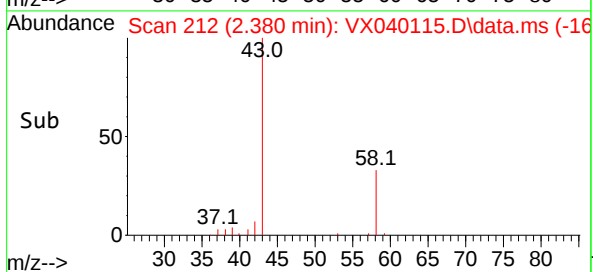
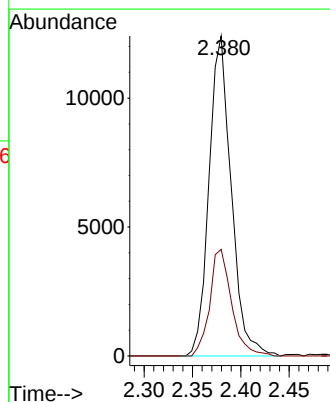
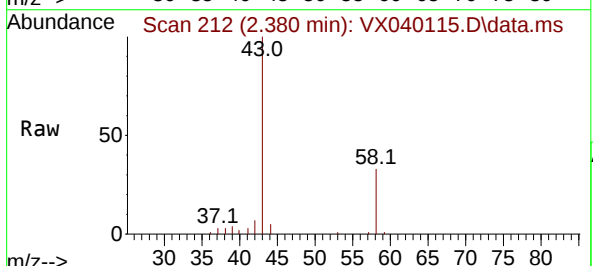
Instrument :  
MSVOA\_X  
ClientSampleId :  
EB-3-2-4

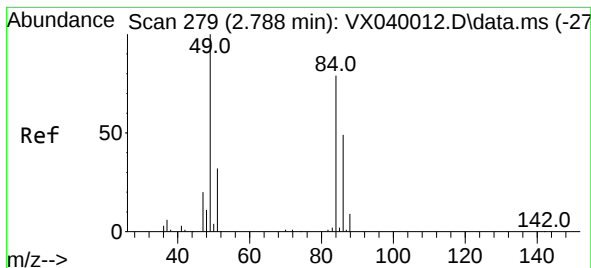
Tgt Ion:168 Resp: 95695  
Ion Ratio Lower Upper  
168 100  
99 61.6 56.6 85.0



#16  
Acetone  
Concen: 27.478 ug/l  
RT: 2.380 min Scan# 212  
Delta R.T. 0.006 min  
Lab File: VX040115.D  
Acq: 05 Feb 2024 14:54

Tgt Ion: 43 Resp: 19828  
Ion Ratio Lower Upper  
43 100  
58 33.3 21.9 32.9#





#20

Methylene Chloride

Concen: 3.075 ug/l

RT: 2.788 min Scan# 21

Delta R.T. 0.000 min

Lab File: VX040115.D

Acq: 05 Feb 2024 14:54

Instrument :

MSVOA\_X

ClientSampleId :

EB-3-2-4

Tgt Ion: 84 Resp: 3943

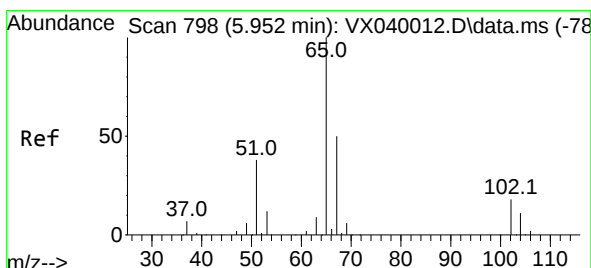
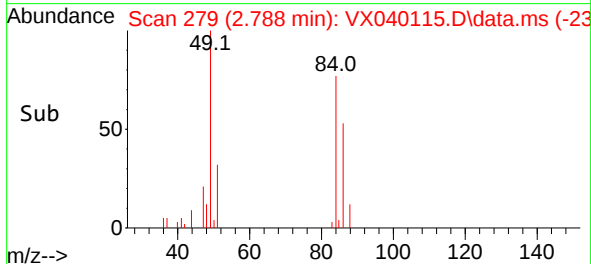
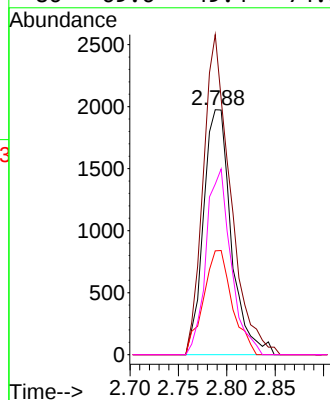
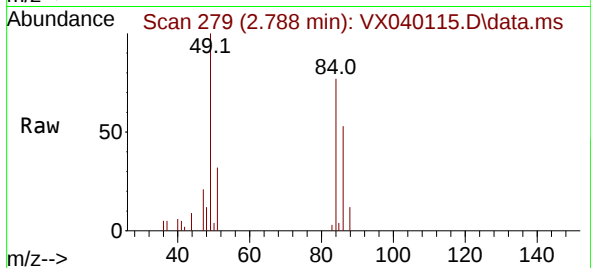
Ion Ratio Lower Upper

84 100

49 130.6 103.6 155.4

51 42.4 33.8 50.6

86 69.6 49.4 74.0



#33

1,2-Dichloroethane-d4

Concen: 44.555 ug/l

RT: 5.952 min Scan# 798

Delta R.T. 0.000 min

Lab File: VX040115.D

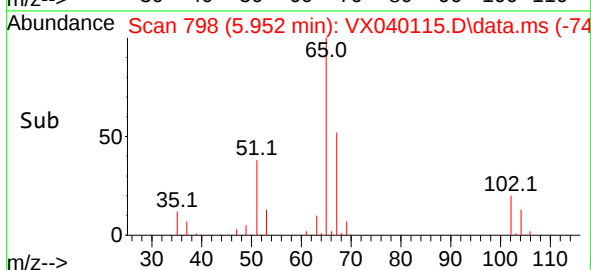
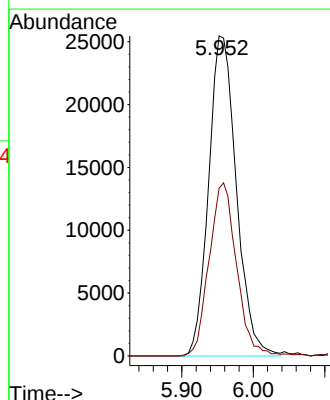
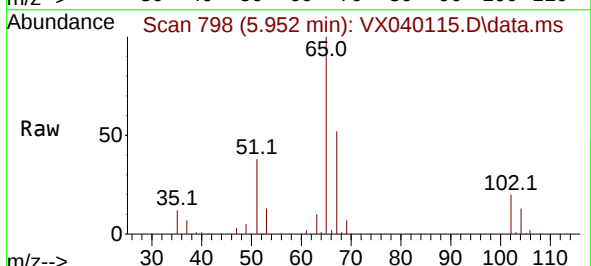
Acq: 05 Feb 2024 14:54

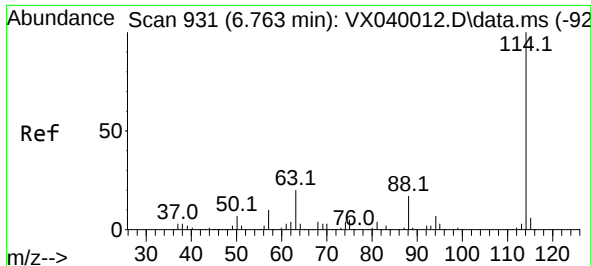
Tgt Ion: 65 Resp: 68618

Ion Ratio Lower Upper

65 100

67 53.5 0.0 100.2

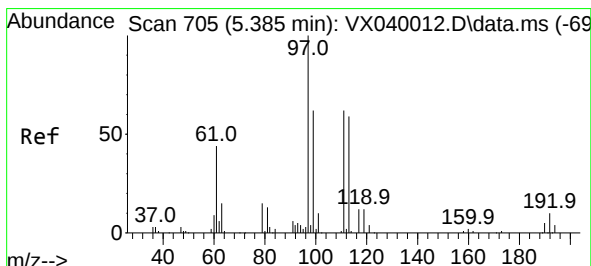
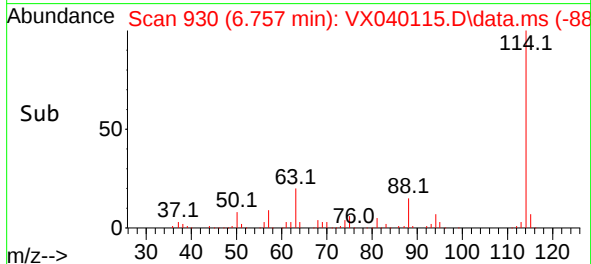
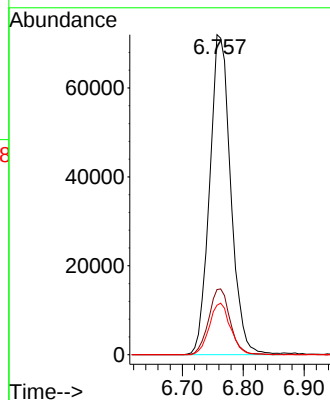
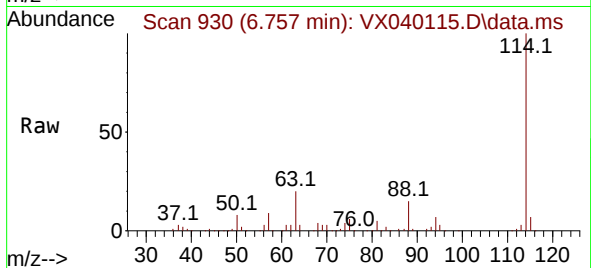




#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 6.757 min Scan# 911  
Delta R.T. -0.006 min  
Lab File: VX040115.D  
Acq: 05 Feb 2024 14:54

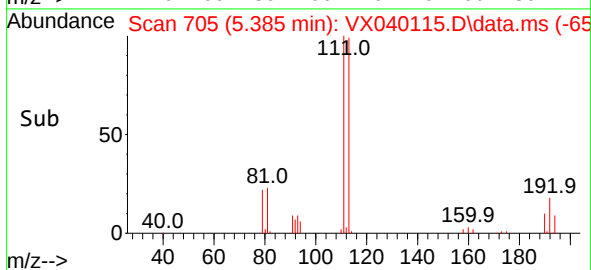
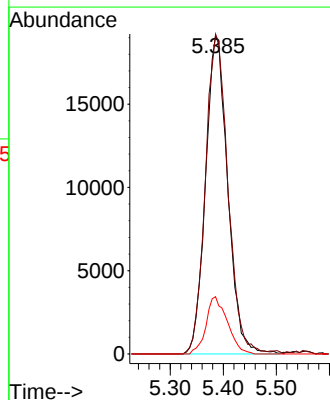
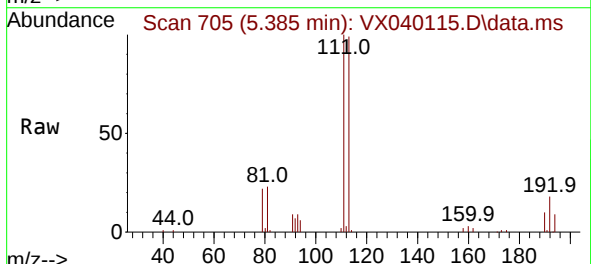
Instrument :  
MSVOA\_X  
ClientSampleId :  
EB-3-2-4

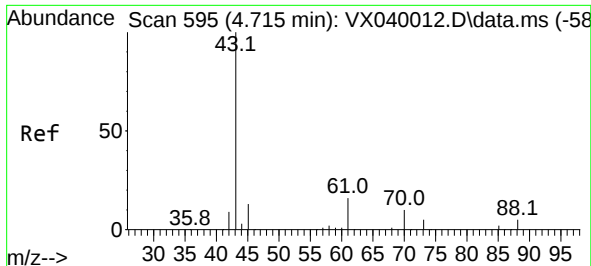
Tgt Ion:114 Resp: 173310  
Ion Ratio Lower Upper  
114 100  
63 20.4 0.0 45.0  
88 15.4 0.0 36.6



#35  
Dibromofluoromethane  
Concen: 47.010 ug/l  
RT: 5.385 min Scan# 705  
Delta R.T. 0.000 min  
Lab File: VX040115.D  
Acq: 05 Feb 2024 14:54

Tgt Ion:113 Resp: 55461  
Ion Ratio Lower Upper  
113 100  
111 102.1 82.9 124.3  
192 17.3 13.3 19.9





#37

Ethyl Acetate

Concen: 1.780 ug/l

RT: 4.733 min Scan# 595

Delta R.T. 0.018 min

Lab File: VX040115.D

Acq: 05 Feb 2024 14:54

Instrument :

MSVOA\_X

ClientSampleId :

EB-3-2-4

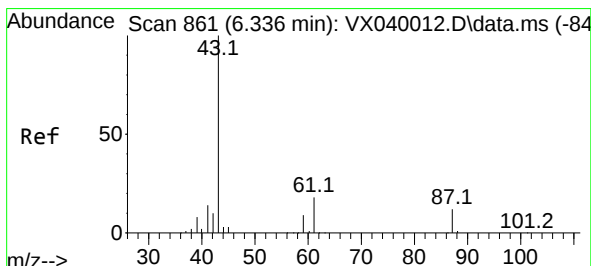
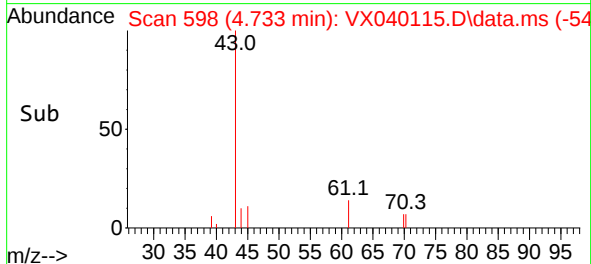
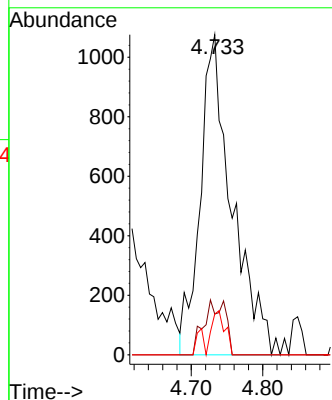
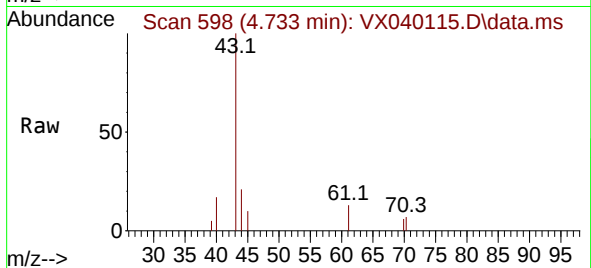
Tgt Ion: 43 Resp: 3317

Ion Ratio Lower Upper

43 100

61 11.5 10.6 16.0

70 5.9 8.3 12.5#



#43

Isopropyl Acetate

Concen: 26.255 ug/l

RT: 6.336 min Scan# 861

Delta R.T. 0.000 min

Lab File: VX040115.D

Acq: 05 Feb 2024 14:54

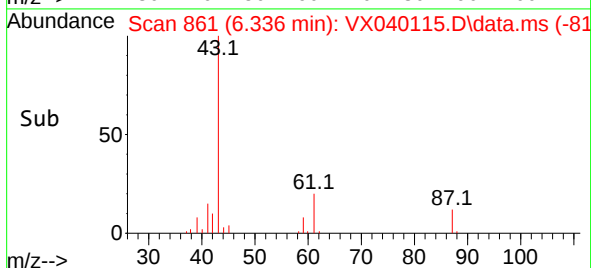
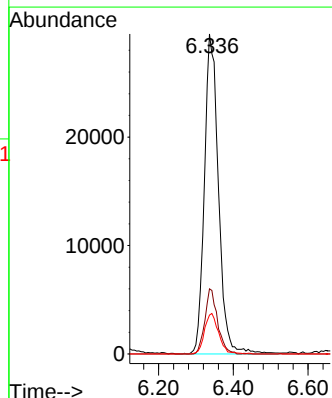
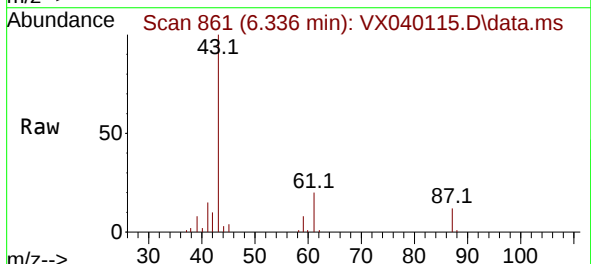
Tgt Ion: 43 Resp: 77152

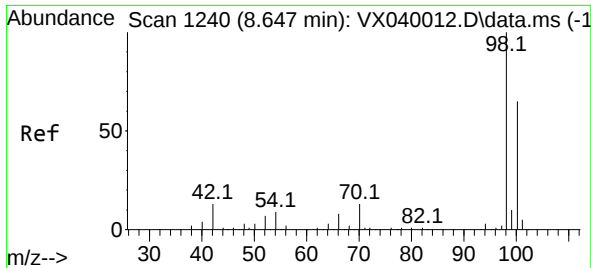
Ion Ratio Lower Upper

43 100

61 18.3 15.2 22.8

87 12.6 9.8 14.6

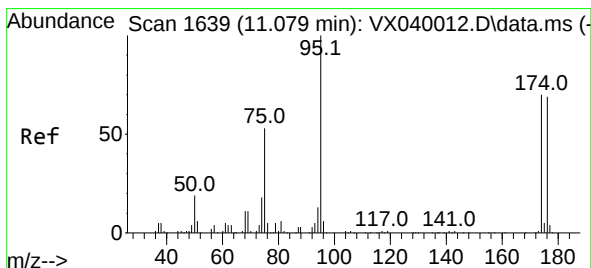
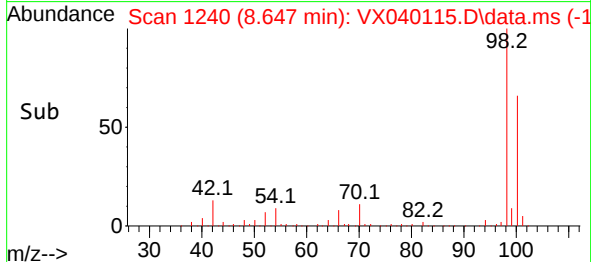
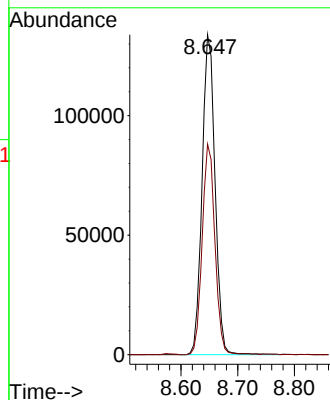
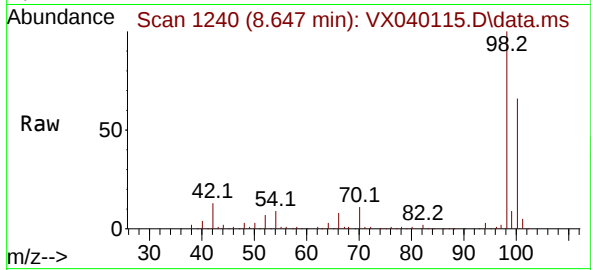




#50  
Toluene-d8  
Concen: 48.195 ug/l  
RT: 8.647 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VX040115.D  
Acq: 05 Feb 2024 14:54

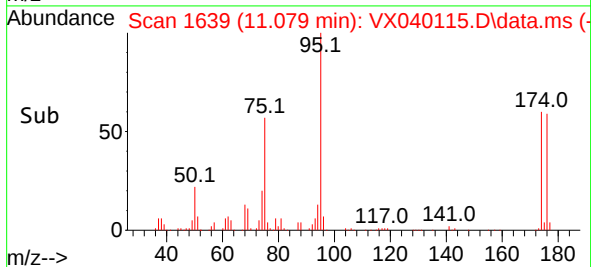
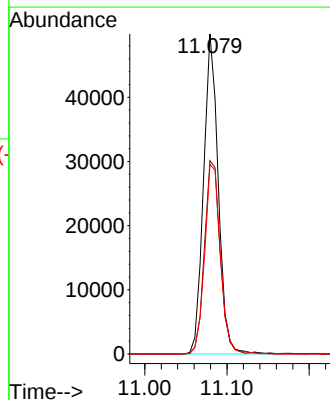
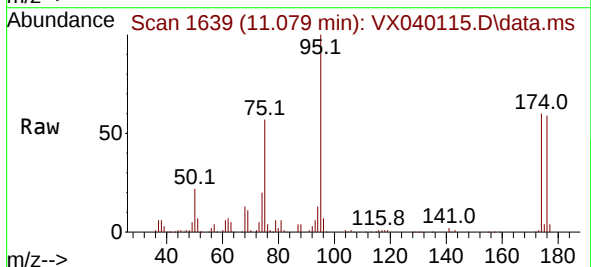
Instrument :  
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ClientSampleId :  
EB-3-2-4

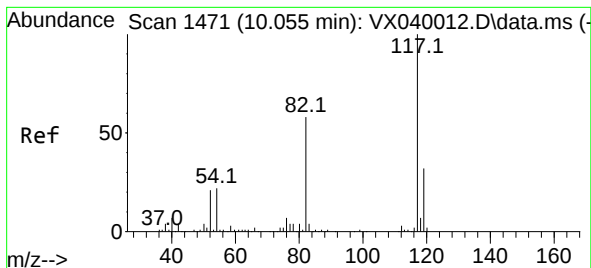
Tgt Ion: 98 Resp: 212637  
Ion Ratio Lower Upper  
98 100  
100 64.8 53.1 79.7



#62  
4-Bromofluorobenzene  
Concen: 36.533 ug/l  
RT: 11.079 min Scan# 1639  
Delta R.T. 0.000 min  
Lab File: VX040115.D  
Acq: 05 Feb 2024 14:54

Tgt Ion: 95 Resp: 62065  
Ion Ratio Lower Upper  
95 100  
174 64.4 0.0 135.6  
176 63.1 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: VX040115.D

Acq: 05 Feb 2024 14:54

Instrument :

MSVOA\_X

ClientSampleId :

EB-3-2-4

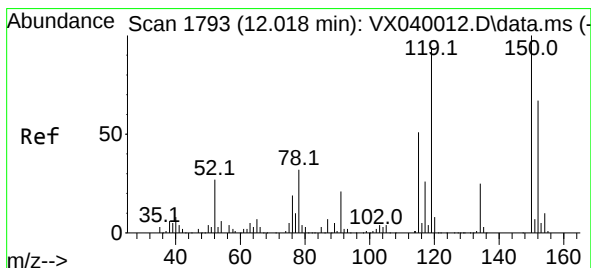
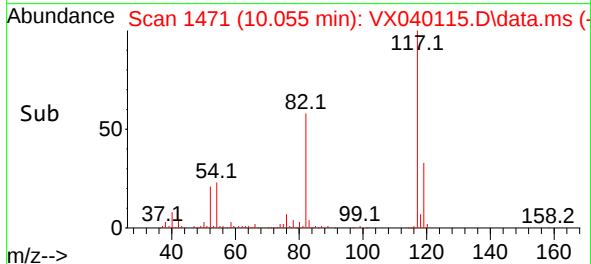
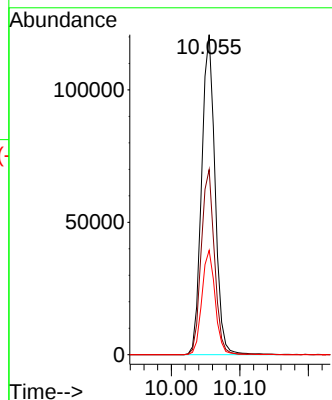
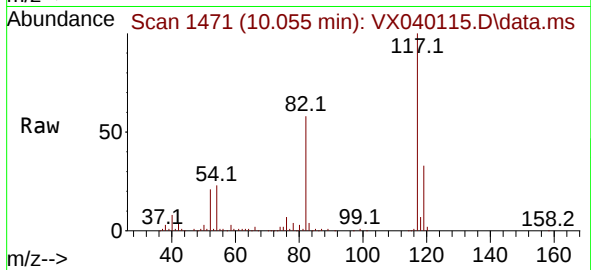
Tgt Ion:117 Resp: 164983

Ion Ratio Lower Upper

117 100

82 57.9 46.2 69.4

119 32.6 25.5 38.3



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. 0.006 min

Lab File: VX040115.D

Acq: 05 Feb 2024 14:54

Tgt Ion:152 Resp: 56590

Ion Ratio Lower Upper

152 100

115 67.9 43.3 129.9

150 155.7 0.0 345.0

