

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX020724\  
 Data File : VX040159.D  
 Acq On : 07 Feb 2024 18:00  
 Operator : JC/MD  
 Sample : P1141-12RE  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 EB-2-0-2DRE

Quant Time: Feb 08 00:35:59 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

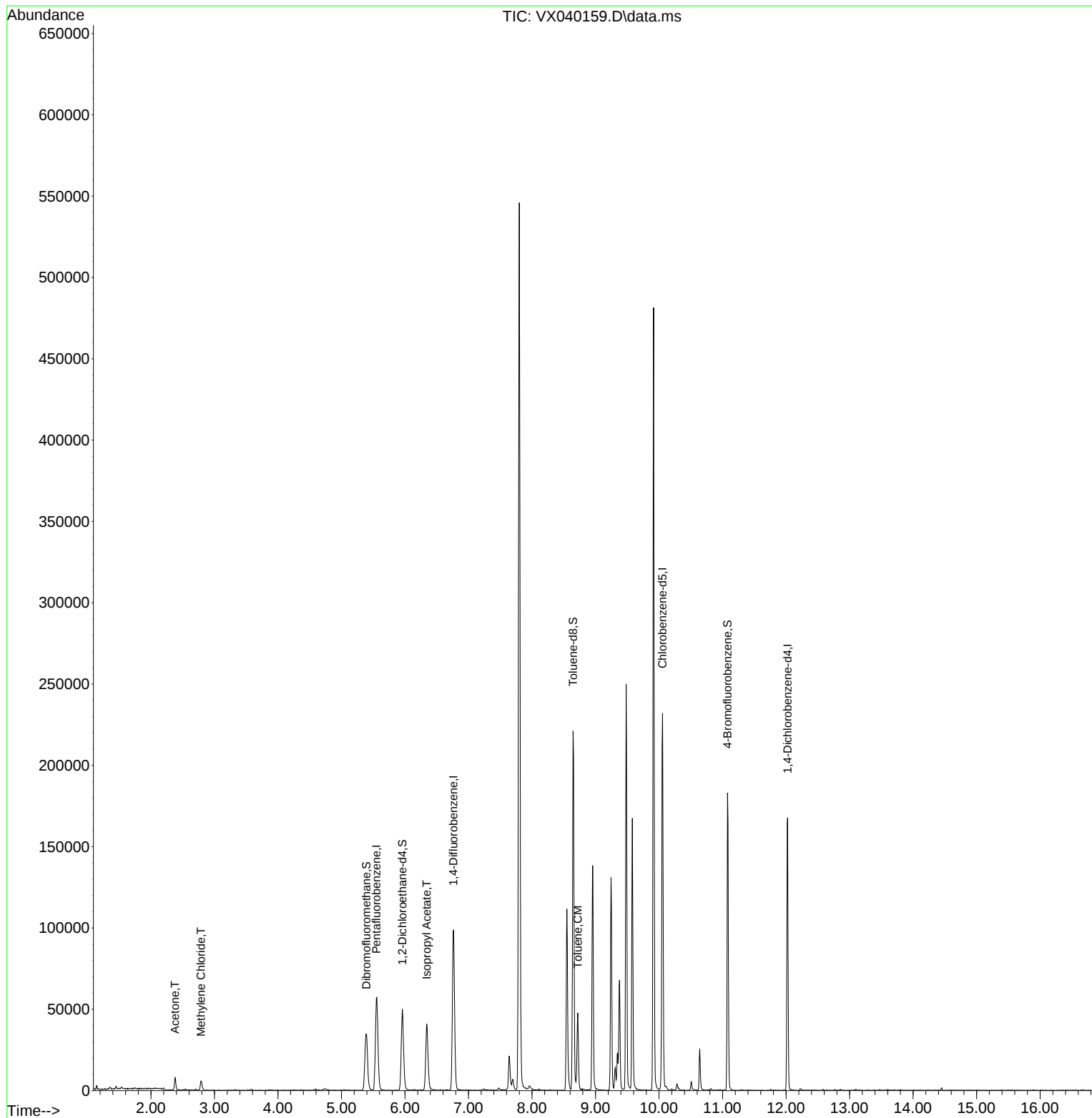
| Compound                    | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min)  |
|-----------------------------|--------|-------|----------|----------|--------|-----------|
| -----                       |        |       |          |          |        |           |
| Internal Standards          |        |       |          |          |        |           |
| 1) Pentafluorobenzene       | 5.550  | 168   | 45782    | 50.000   | ug/l   | 0.00      |
| 34) 1,4-Difluorobenzene     | 6.763  | 114   | 91631    | 50.000   | ug/l   | 0.00      |
| 63) Chlorobenzene-d5        | 10.055 | 117   | 91783    | 50.000   | ug/l   | 0.00      |
| 72) 1,4-Dichlorobenzene-d4  | 12.024 | 152   | 29626    | 50.000   | ug/l   | 0.00      |
| System Monitoring Compounds |        |       |          |          |        |           |
| 33) 1,2-Dichloroethane-d4   | 5.958  | 65    | 45313    | 61.499   | ug/l   | 0.00      |
| Spiked Amount               | 50.000 | Range | 78 - 117 | Recovery | =      | 123.000%# |
| 35) Dibromofluoromethane    | 5.391  | 113   | 30330    | 48.624   | ug/l   | 0.00      |
| Spiked Amount               | 50.000 | Range | 75 - 124 | Recovery | =      | 97.240%   |
| 50) Toluene-d8              | 8.647  | 98    | 121414   | 52.049   | ug/l   | 0.00      |
| Spiked Amount               | 50.000 | Range | 92 - 112 | Recovery | =      | 104.100%  |
| 62) 4-Bromofluorobenzene    | 11.079 | 95    | 45814    | 51.006   | ug/l   | 0.00      |
| Spiked Amount               | 50.000 | Range | 83 - 123 | Recovery | =      | 102.020%  |
| Target Compounds            |        |       |          |          |        |           |
|                             |        |       |          |          | Qvalue |           |
| 16) Acetone                 | 2.380  | 43    | 7802     | 22.600   | ug/l   | 98        |
| 20) Methylene Chloride      | 2.788  | 84    | 2684     | 4.375    | ug/l   | 91        |
| 43) Isopropyl Acetate       | 6.342  | 43    | 55638    | 35.811   | ug/l   | 96        |
| 52) Toluene                 | 8.720  | 92    | 16134    | 9.852    | ug/l   | 95        |
| -----                       |        |       |          |          |        |           |

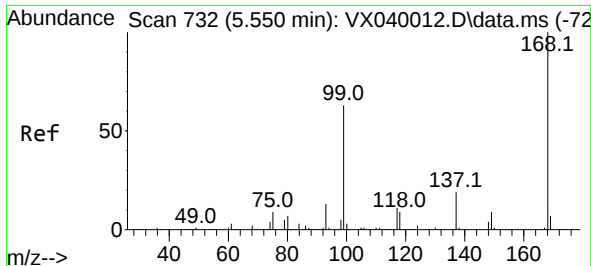
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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

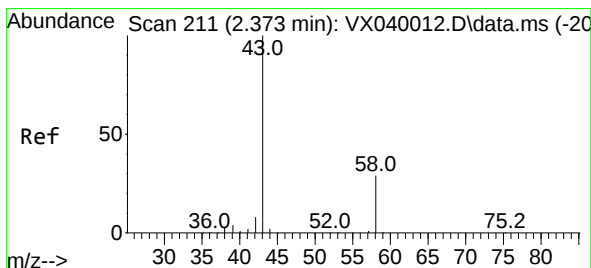
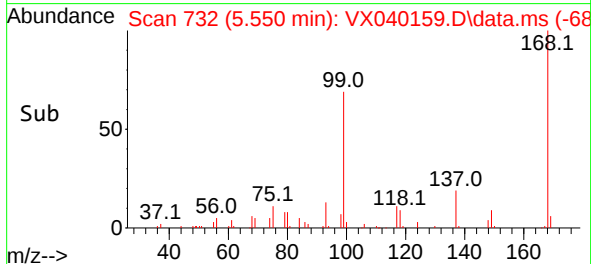
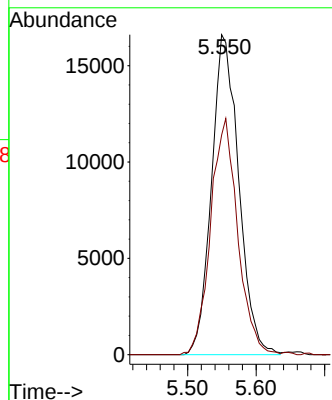
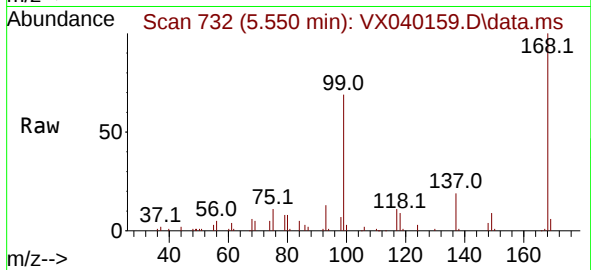




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.550 min Scan# 71  
Delta R.T. -0.000 min  
Lab File: VX040159.D  
Acq: 07 Feb 2024 18:00

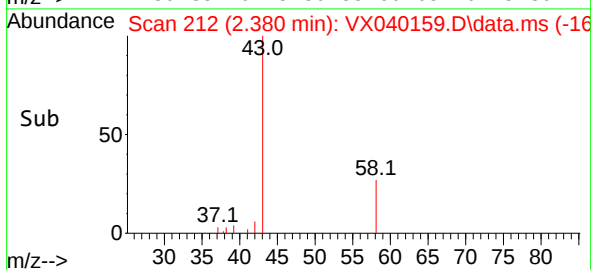
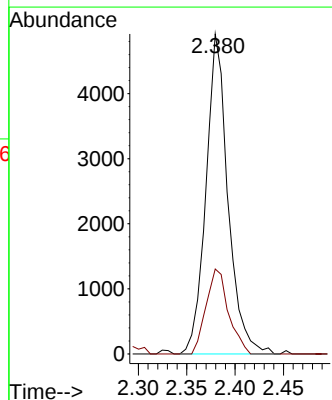
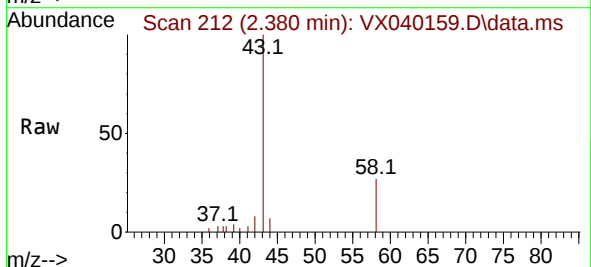
Instrument :  
MSVOA\_X  
ClientSampleId :  
EB-2-0-2DRE

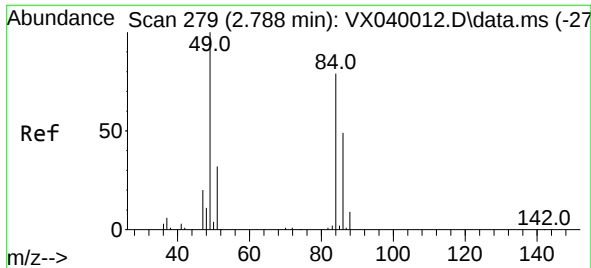
Tgt Ion:168 Resp: 45782  
Ion Ratio Lower Upper  
168 100  
99 68.6 56.6 85.0



#16  
Acetone  
Concen: 22.600 ug/l  
RT: 2.380 min Scan# 212  
Delta R.T. 0.006 min  
Lab File: VX040159.D  
Acq: 07 Feb 2024 18:00

Tgt Ion: 43 Resp: 7802  
Ion Ratio Lower Upper  
43 100  
58 26.5 21.9 32.9



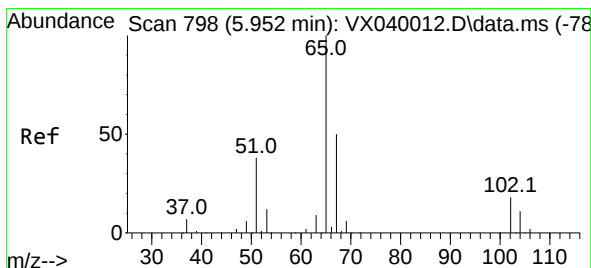
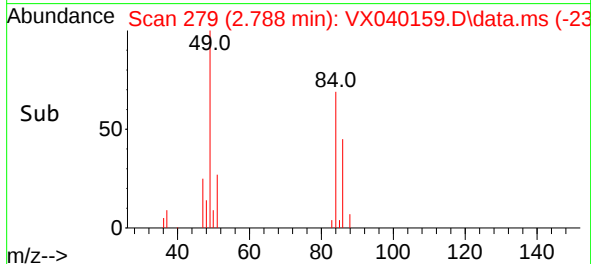
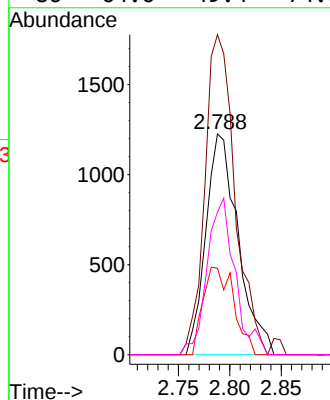
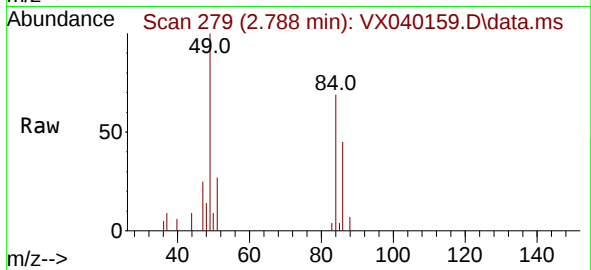


#20  
Methylene Chloride  
Concen: 4.375 ug/l  
RT: 2.788 min Scan# 21  
Delta R.T. -0.000 min  
Lab File: VX040159.D  
Acq: 07 Feb 2024 18:00

Instrument :  
MSVOA\_X  
ClientSampleId :  
EB-2-0-2DRE

Tgt Ion: 84 Resp: 2684

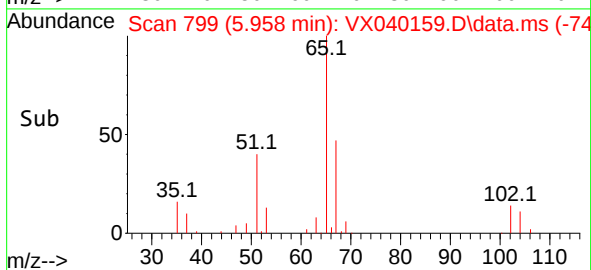
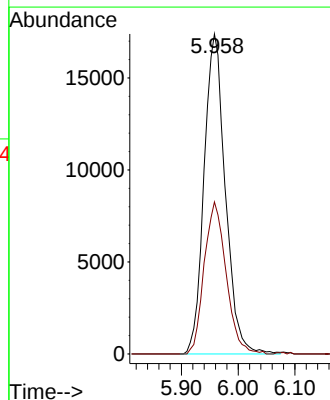
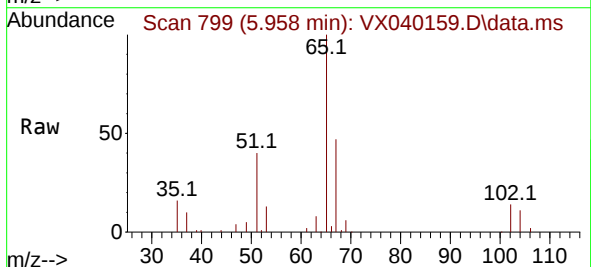
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 84  | 100   |       |       |
| 49  | 144.9 | 103.6 | 155.4 |
| 51  | 39.2  | 33.8  | 50.6  |
| 86  | 64.6  | 49.4  | 74.0  |

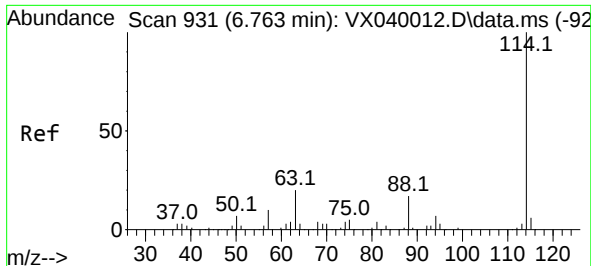


#33  
1,2-Dichloroethane-d4  
Concen: 61.499 ug/l  
RT: 5.958 min Scan# 799  
Delta R.T. 0.006 min  
Lab File: VX040159.D  
Acq: 07 Feb 2024 18:00

Tgt Ion: 65 Resp: 45313

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 65  | 100   |       |       |
| 67  | 49.0  | 0.0   | 100.2 |

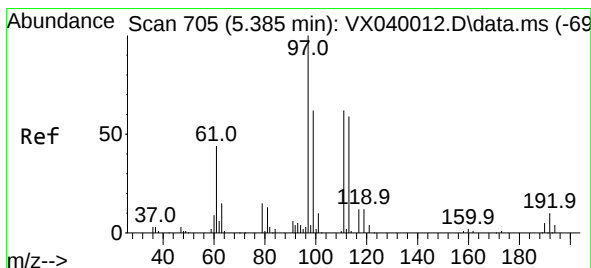
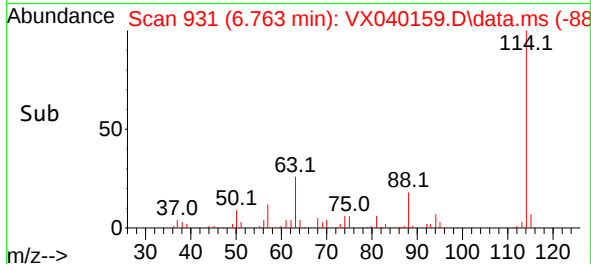
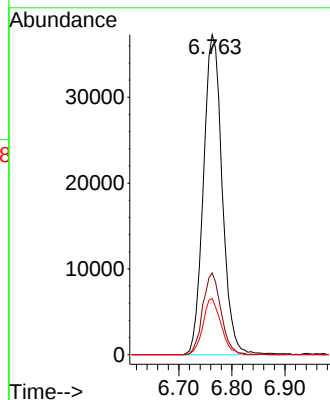
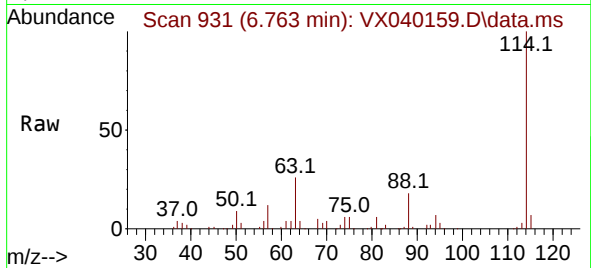




#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 6.763 min Scan# 91  
Delta R.T. -0.000 min  
Lab File: VX040159.D  
Acq: 07 Feb 2024 18:00

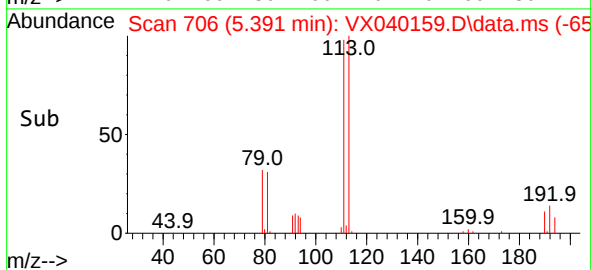
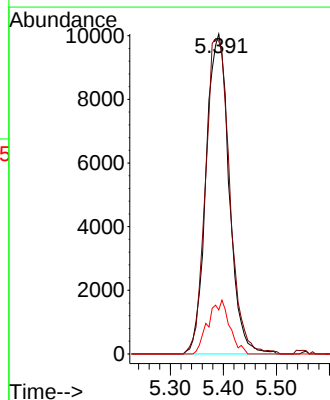
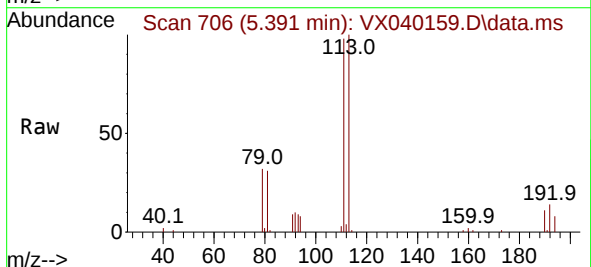
Instrument :  
MSVOA\_X  
ClientSampleId :  
EB-2-0-2DRE

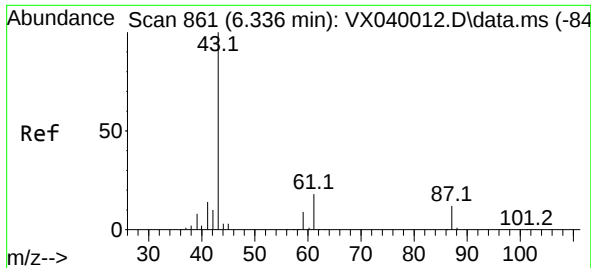
Tgt Ion:114 Resp: 91631  
Ion Ratio Lower Upper  
114 100  
63 25.6 0.0 45.0  
88 17.5 0.0 36.6



#35  
Dibromofluoromethane  
Concen: 48.624 ug/l  
RT: 5.391 min Scan# 706  
Delta R.T. 0.006 min  
Lab File: VX040159.D  
Acq: 07 Feb 2024 18:00

Tgt Ion:113 Resp: 30330  
Ion Ratio Lower Upper  
113 100  
111 103.2 82.9 124.3  
192 15.6 13.3 19.9

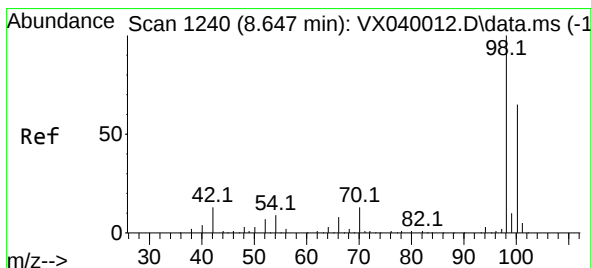
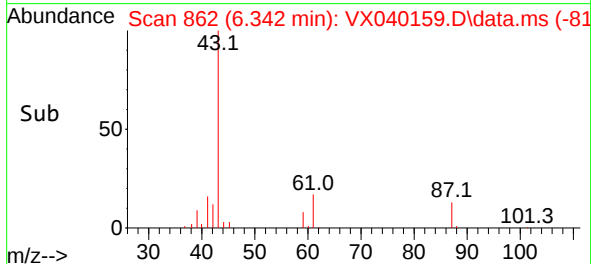
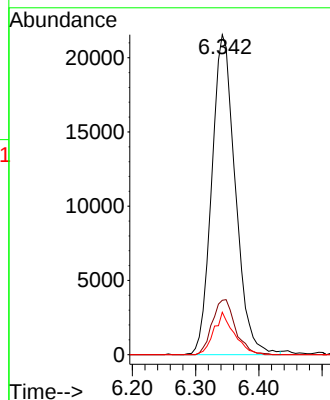
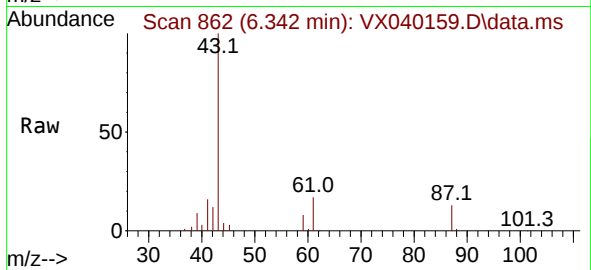




#43  
Isopropyl Acetate  
Concen: 35.811 ug/l  
RT: 6.342 min Scan# 861  
Delta R.T. 0.006 min  
Lab File: VX040159.D  
Acq: 07 Feb 2024 18:00

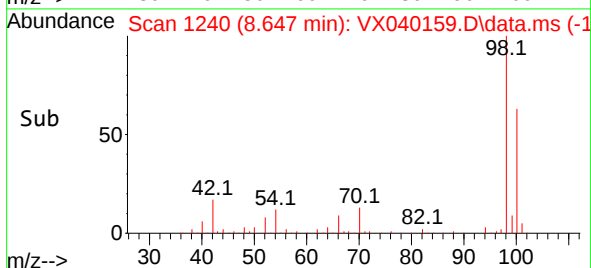
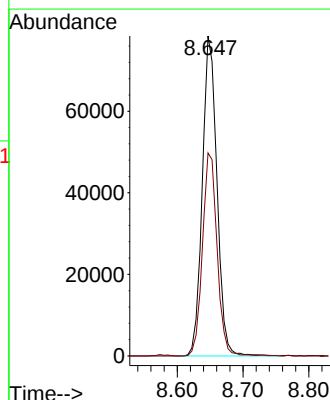
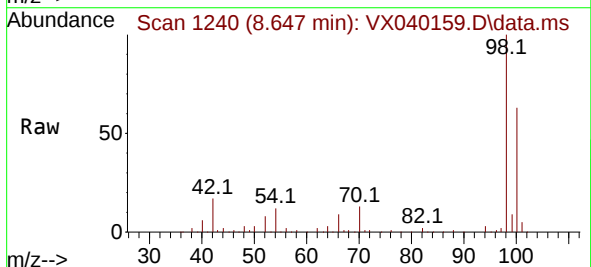
Instrument :  
MSVOA\_X  
ClientSampleId :  
EB-2-0-2DRE

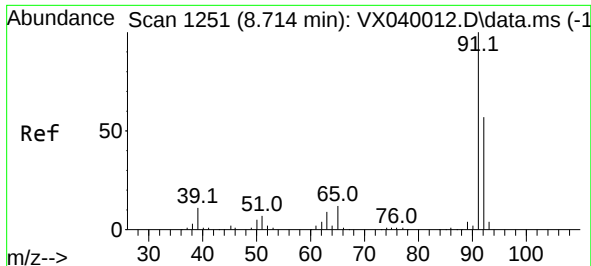
Tgt Ion: 43 Resp: 55638  
Ion Ratio Lower Upper  
43 100  
61 16.9 15.2 22.8  
87 11.4 9.8 14.6



#50  
Toluene-d8  
Concen: 52.049 ug/l  
RT: 8.647 min Scan# 1240  
Delta R.T. -0.000 min  
Lab File: VX040159.D  
Acq: 07 Feb 2024 18:00

Tgt Ion: 98 Resp: 121414  
Ion Ratio Lower Upper  
98 100  
100 63.4 53.1 79.7





#52

Toluene

Concen: 9.852 ug/l

RT: 8.720 min Scan# 1

Delta R.T. 0.006 min

Lab File: VX040159.D

Acq: 07 Feb 2024 18:00

Instrument :

MSVOA\_X

ClientSampleId :

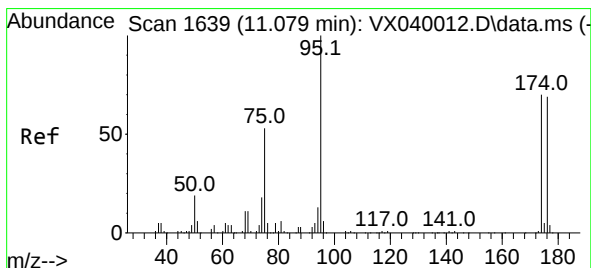
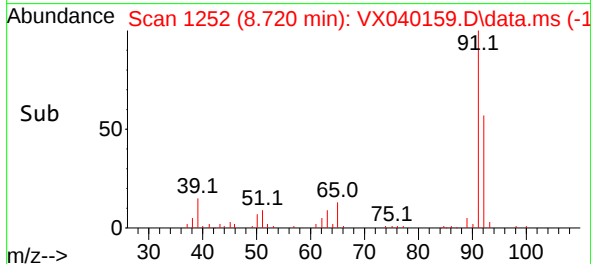
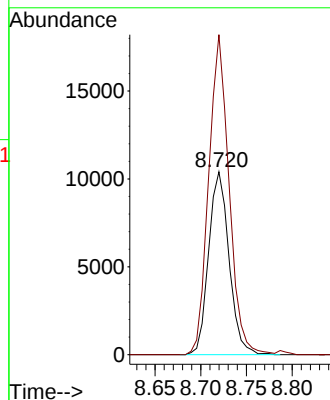
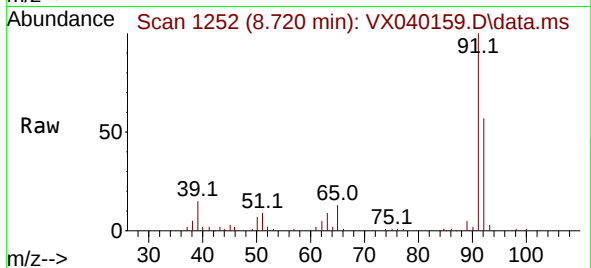
EB-2-0-2DRE

Tgt Ion: 92 Resp: 16134

Ion Ratio Lower Upper

92 100

91 174.5 134.2 201.2



#62

4-Bromofluorobenzene

Concen: 51.006 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.000 min

Lab File: VX040159.D

Acq: 07 Feb 2024 18:00

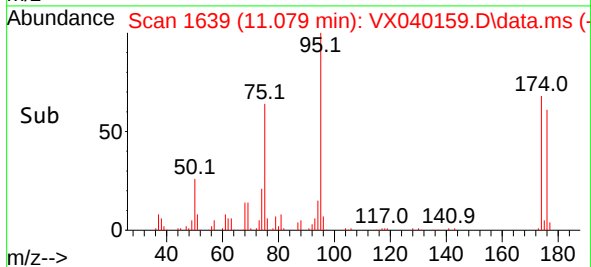
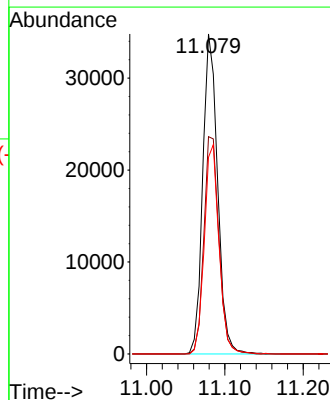
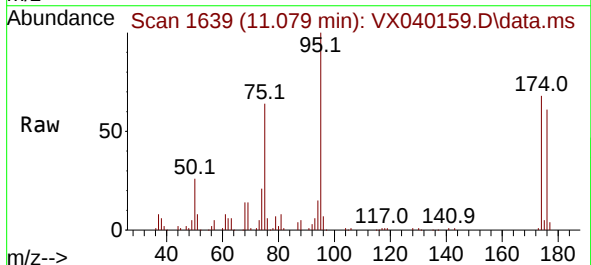
Tgt Ion: 95 Resp: 45814

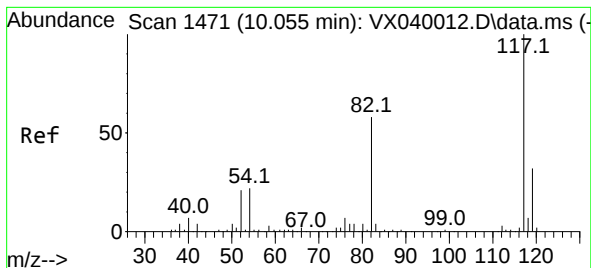
Ion Ratio Lower Upper

95 100

174 68.6 0.0 135.6

176 64.9 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: VX040159.D

Acq: 07 Feb 2024 18:00

Instrument :

MSVOA\_X

ClientSampleId :

EB-2-0-2DRE

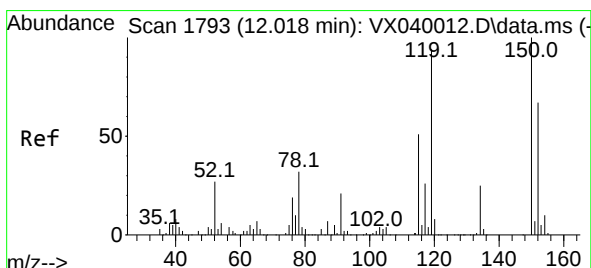
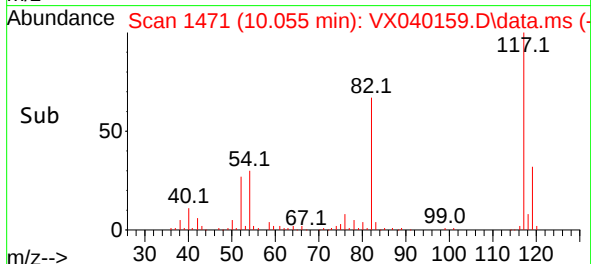
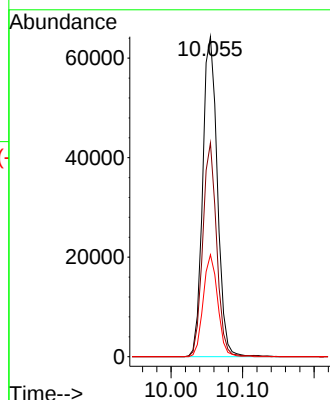
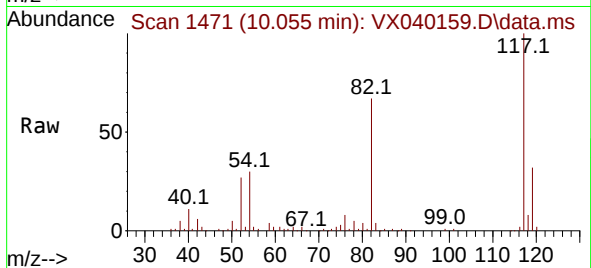
Tgt Ion:117 Resp: 91783

Ion Ratio Lower Upper

117 100

82 66.8 46.2 69.4

119 31.9 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: VX040159.D

Acq: 07 Feb 2024 18:00

Tgt Ion:152 Resp: 29626

Ion Ratio Lower Upper

152 100

115 61.4 43.3 129.9

150 155.9 0.0 345.0

