

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX040424\  
 Data File : VX040883.D  
 Acq On : 04 Apr 2024 13:18  
 Operator : JC/MD  
 Sample : P1974-06  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 SOIL-2

Quant Time: Apr 05 04:10:13 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X040124W.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Apr 02 05:40:55 2024  
 Response via : Initial Calibration

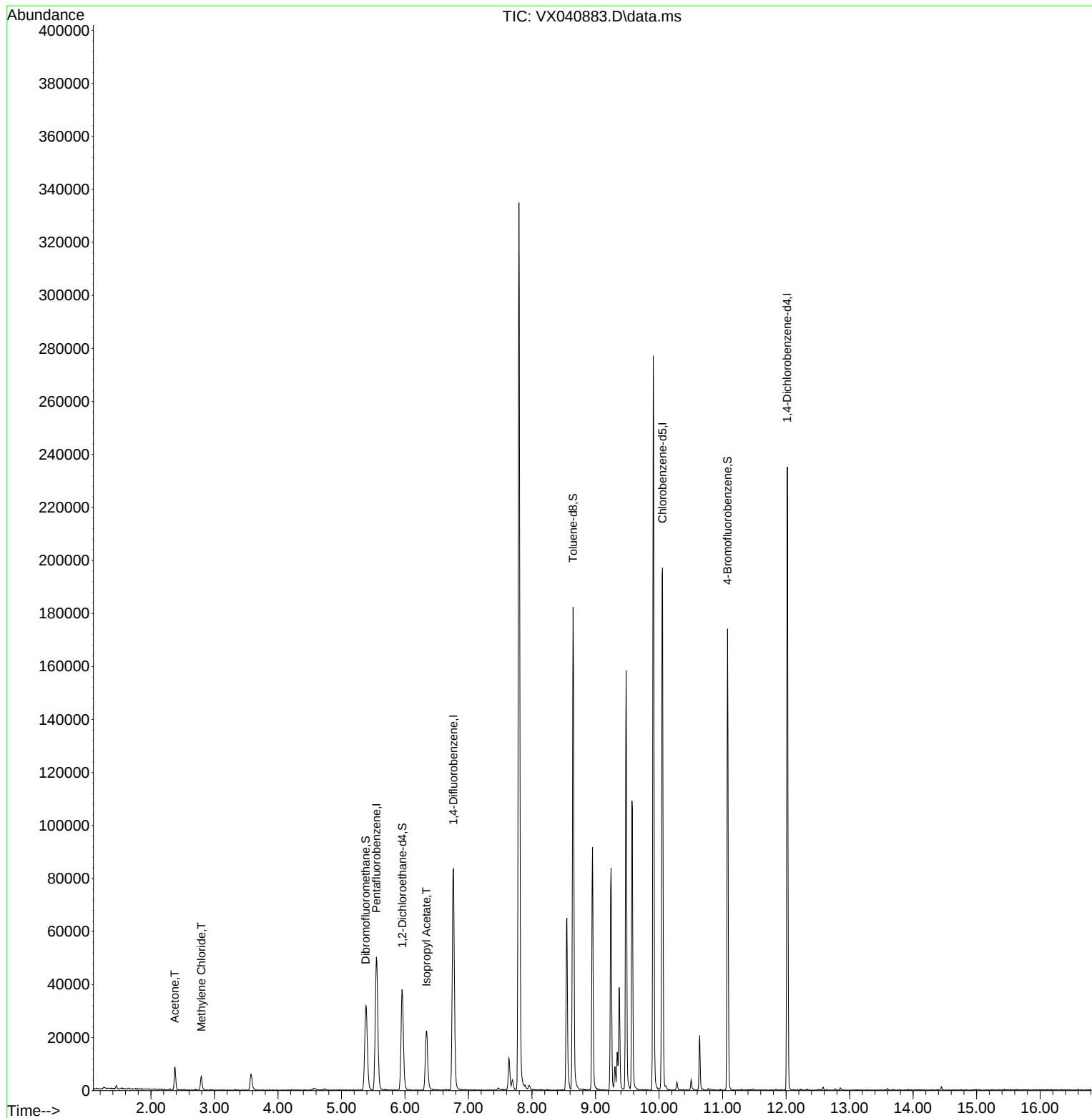
| Compound                    | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-----------------------------|--------|-------|----------|----------|--------|----------|
| -----                       |        |       |          |          |        |          |
| Internal Standards          |        |       |          |          |        |          |
| 1) Pentafluorobenzene       | 5.550  | 168   | 43788    | 50.000   | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene     | 6.763  | 114   | 80242    | 50.000   | ug/l   | 0.00     |
| 63) Chlorobenzene-d5        | 10.055 | 117   | 83124    | 50.000   | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 12.018 | 152   | 42576    | 50.000   | ug/l   | 0.00     |
| System Monitoring Compounds |        |       |          |          |        |          |
| 33) 1,2-Dichloroethane-d4   | 5.958  | 65    | 39040    | 49.690   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 78 - 117 | Recovery | =      | 99.380%  |
| 35) Dibromofluoromethane    | 5.379  | 113   | 27657    | 48.662   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 75 - 124 | Recovery | =      | 97.320%  |
| 50) Toluene-d8              | 8.647  | 98    | 102735   | 50.024   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 92 - 112 | Recovery | =      | 100.040% |
| 62) 4-Bromofluorobenzene    | 11.079 | 95    | 43309    | 52.806   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 83 - 123 | Recovery | =      | 105.620% |
| Target Compounds            |        |       |          |          |        |          |
|                             |        |       |          |          | Qvalue |          |
| 16) Acetone                 | 2.374  | 43    | 9807     | 32.147   | ug/l   | 97       |
| 20) Methylene Chloride      | 2.794  | 84    | 2364     | 4.181    | ug/l   | 96       |
| 43) Isopropyl Acetate       | 6.336  | 43    | 32420    | 21.170   | ug/l   | 97       |
| -----                       |        |       |          |          |        |          |

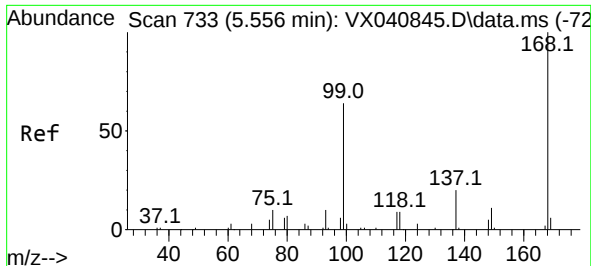
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X040124W.M  
Quant Title : SW846 8260  
QLast Update : Tue Apr 02 05:40:55 2024  
Response via : Initial Calibration

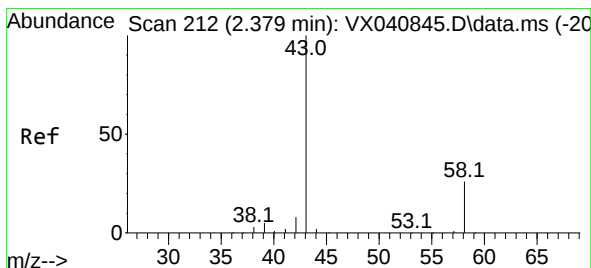
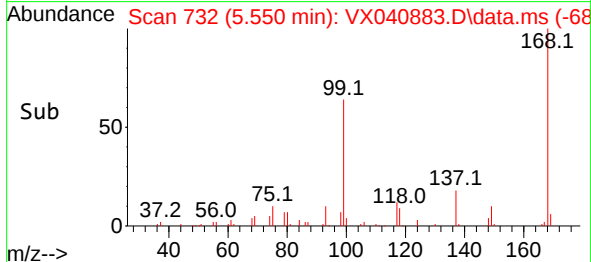
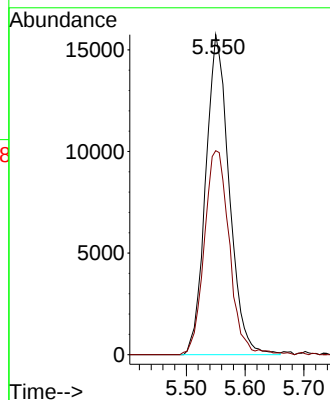
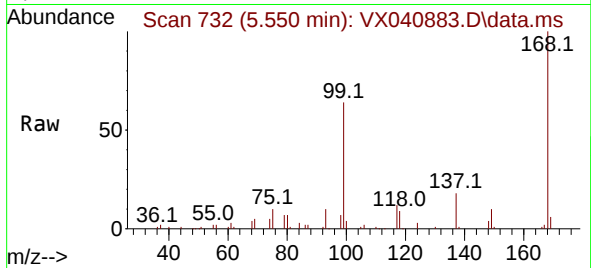




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.550 min Scan# 71  
Delta R.T. -0.006 min  
Lab File: VX040883.D  
Acq: 04 Apr 2024 13:18

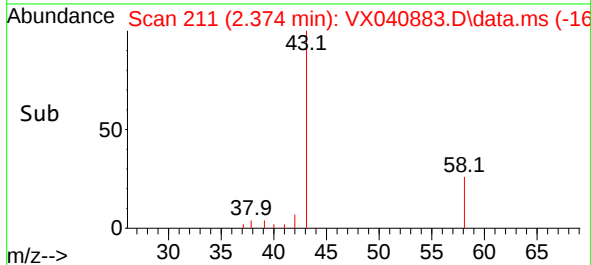
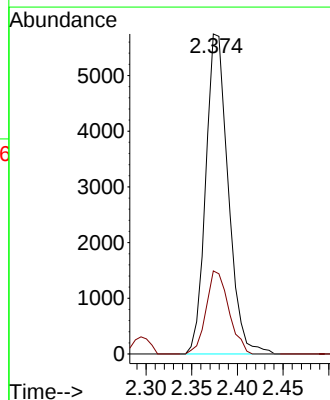
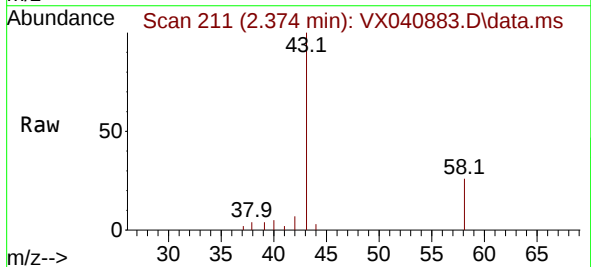
Instrument :  
MSVOA\_X  
ClientSampleId :  
SOIL-2

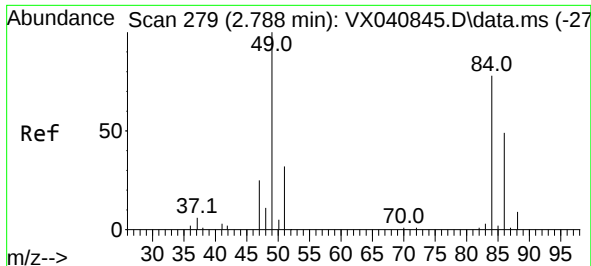
Tgt Ion:168 Resp: 43788  
Ion Ratio Lower Upper  
168 100  
99 63.7 56.6 85.0



#16  
Acetone  
Concen: 32.147 ug/l  
RT: 2.374 min Scan# 211  
Delta R.T. -0.006 min  
Lab File: VX040883.D  
Acq: 04 Apr 2024 13:18

Tgt Ion: 43 Resp: 9807  
Ion Ratio Lower Upper  
43 100  
58 26.0 21.9 32.9

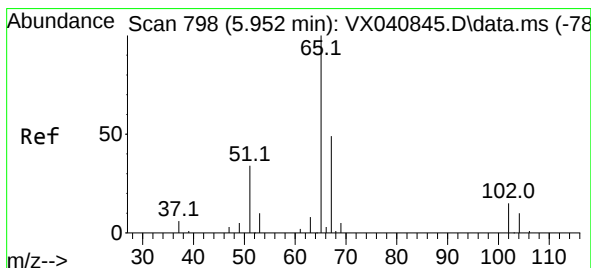
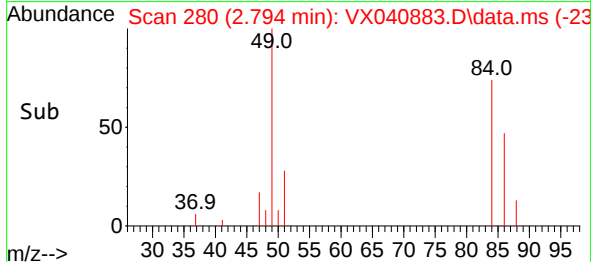
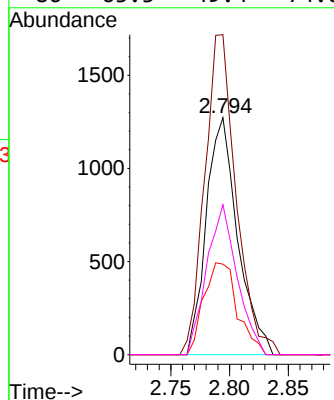
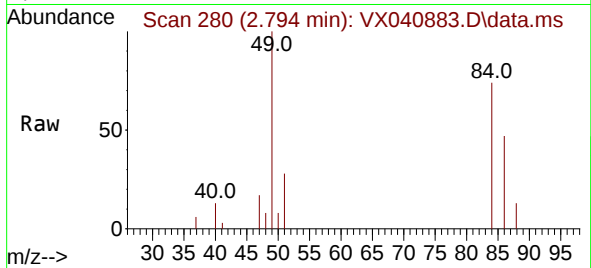




#20  
Methylene Chloride  
Concen: 4.181 ug/l  
RT: 2.794 min Scan# 21  
Delta R.T. 0.006 min  
Lab File: VX040883.D  
Acq: 04 Apr 2024 13:18

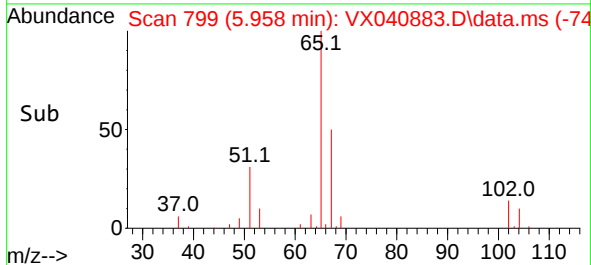
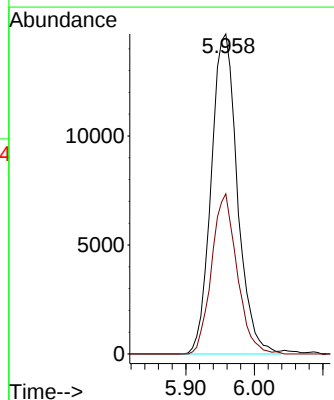
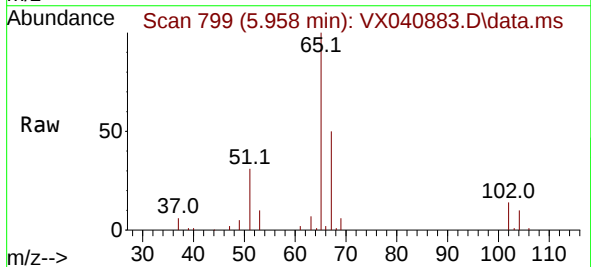
Instrument :  
MSVOA\_X  
ClientSampleId :  
SOIL-2

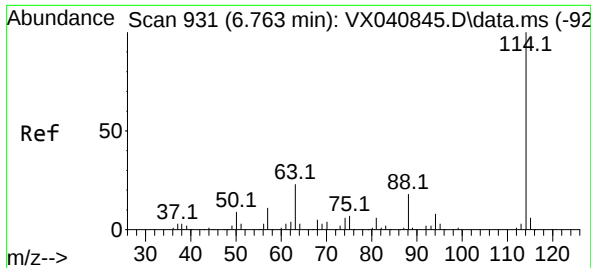
|             |             |
|-------------|-------------|
| Tgt Ion: 84 | Resp: 2364  |
| Ion Ratio   | Lower Upper |
| 84 100      |             |
| 49 135.1    | 103.6 155.4 |
| 51 38.2     | 33.8 50.6   |
| 86 63.3     | 49.4 74.0   |



#33  
1,2-Dichloroethane-d4  
Concen: 49.690 ug/l  
RT: 5.958 min Scan# 799  
Delta R.T. 0.006 min  
Lab File: VX040883.D  
Acq: 04 Apr 2024 13:18

|             |             |
|-------------|-------------|
| Tgt Ion: 65 | Resp: 39040 |
| Ion Ratio   | Lower Upper |
| 65 100      |             |
| 67 48.6     | 0.0 100.2   |

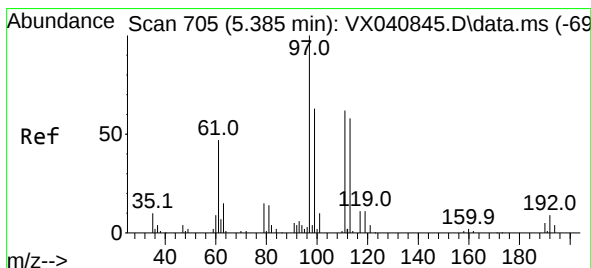
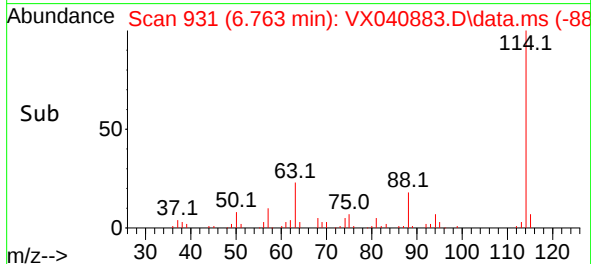
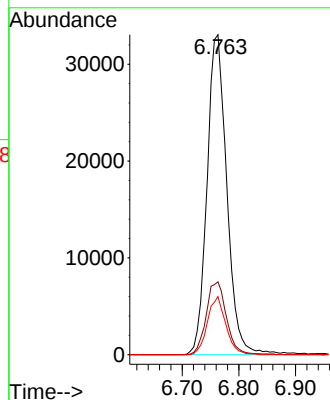
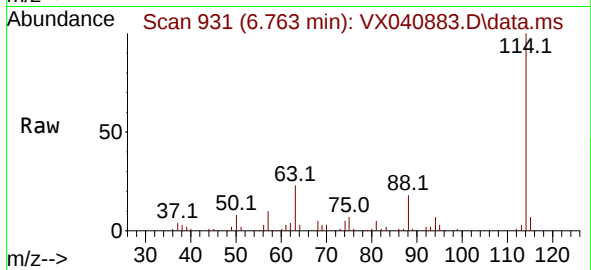




#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 6.763 min Scan# 91  
Delta R.T. 0.000 min  
Lab File: VX040883.D  
Acq: 04 Apr 2024 13:18

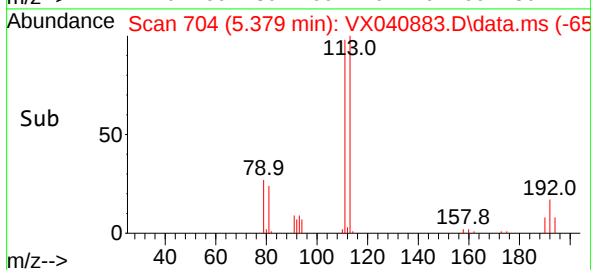
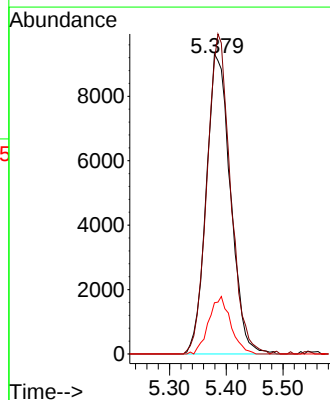
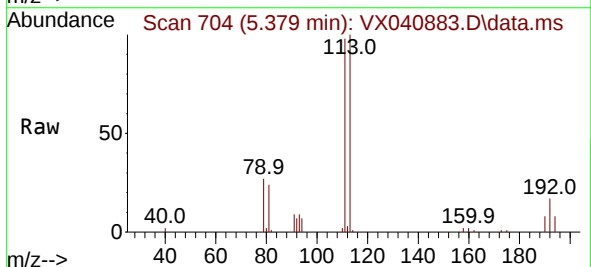
Instrument :  
MSVOA\_X  
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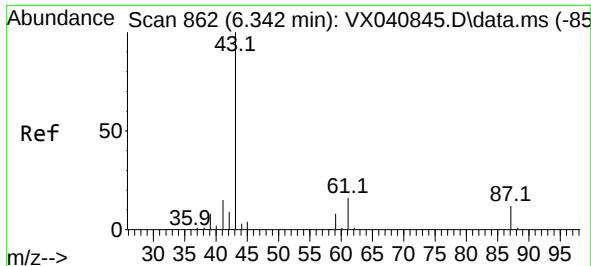
Tgt Ion:114 Resp: 80242  
Ion Ratio Lower Upper  
114 100  
63 22.7 0.0 45.0  
88 18.2 0.0 36.6



#35  
Dibromofluoromethane  
Concen: 48.662 ug/l  
RT: 5.379 min Scan# 704  
Delta R.T. -0.006 min  
Lab File: VX040883.D  
Acq: 04 Apr 2024 13:18

Tgt Ion:113 Resp: 27657  
Ion Ratio Lower Upper  
113 100  
111 103.1 82.9 124.3  
192 17.3 13.3 19.9

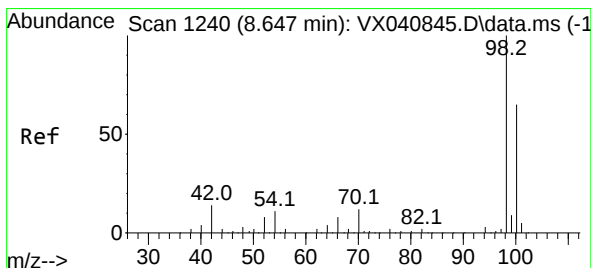
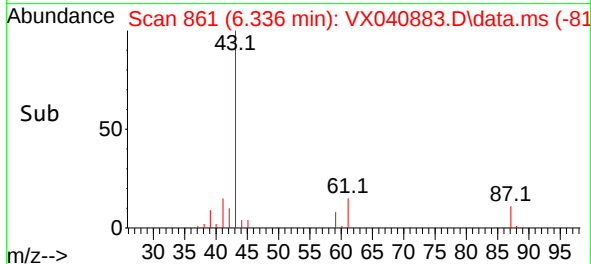
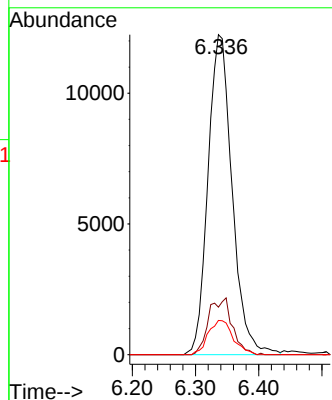
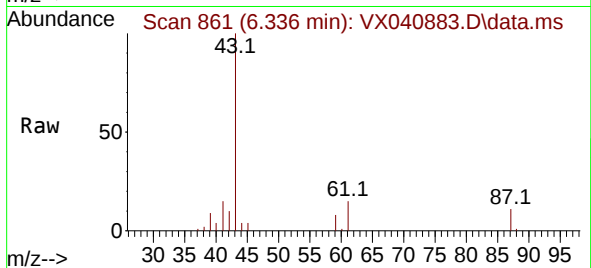




#43  
Isopropyl Acetate  
Concen: 21.170 ug/l  
RT: 6.336 min Scan# 861  
Delta R.T. -0.006 min  
Lab File: VX040883.D  
Acq: 04 Apr 2024 13:18

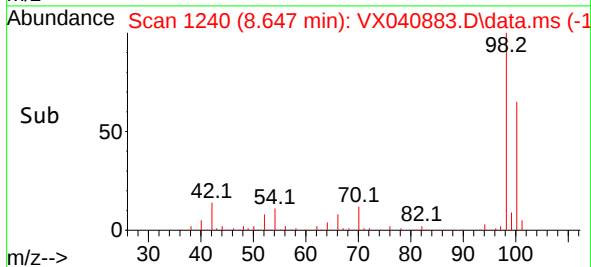
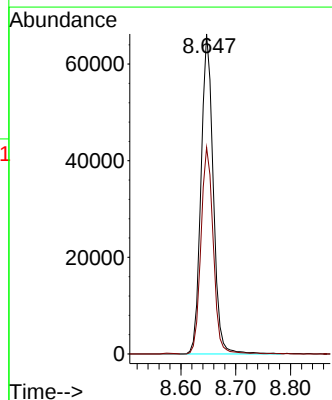
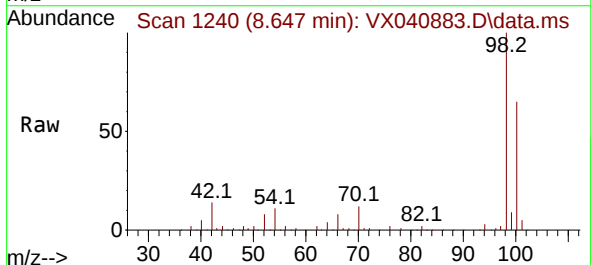
Instrument :  
MSVOA\_X  
ClientSampleId :  
SOIL-2

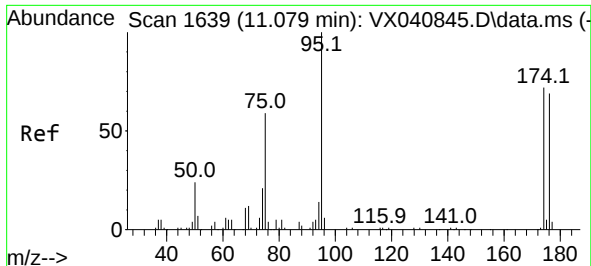
Tgt Ion: 43 Resp: 32420  
Ion Ratio Lower Upper  
43 100  
61 17.4 15.2 22.8  
87 11.0 9.8 14.6



#50  
Toluene-d8  
Concen: 50.024 ug/l  
RT: 8.647 min Scan# 1240  
Delta R.T. 0.000 min  
Lab File: VX040883.D  
Acq: 04 Apr 2024 13:18

Tgt Ion: 98 Resp: 102735  
Ion Ratio Lower Upper  
98 100  
100 64.8 53.1 79.7

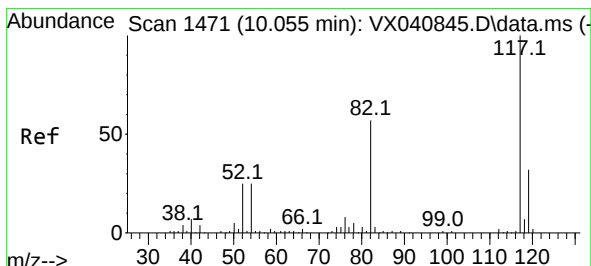
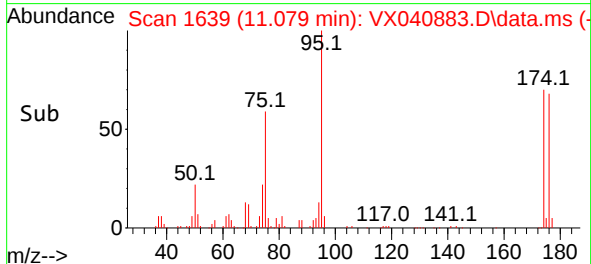
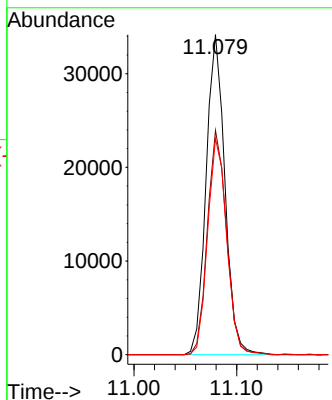
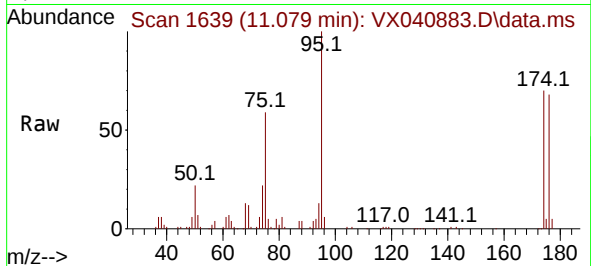




#62  
4-Bromofluorobenzene  
Concen: 52.806 ug/l  
RT: 11.079 min Scan# 1639  
Delta R.T. 0.000 min  
Lab File: VX040883.D  
Acq: 04 Apr 2024 13:18

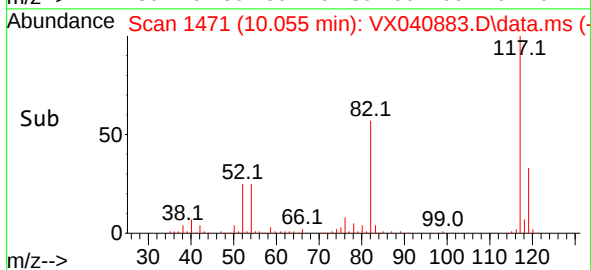
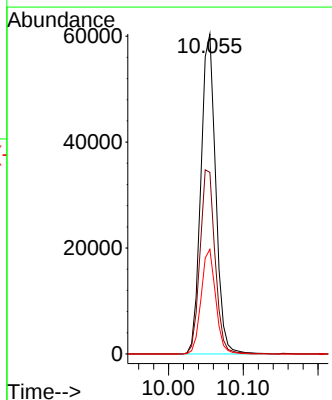
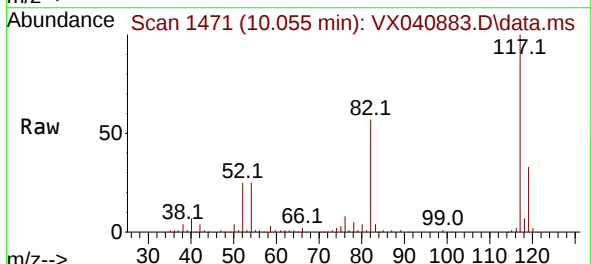
Instrument :  
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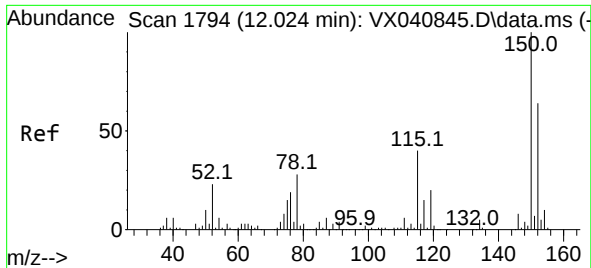
Tgt Ion: 95 Resp: 43309  
Ion Ratio Lower Upper  
95 100  
174 71.6 0.0 135.6  
176 68.4 0.0 131.0



#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.055 min Scan# 1471  
Delta R.T. 0.000 min  
Lab File: VX040883.D  
Acq: 04 Apr 2024 13:18

Tgt Ion: 117 Resp: 83124  
Ion Ratio Lower Upper  
117 100  
82 56.7 46.2 69.4  
119 32.7 25.5 38.3





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.018 min Scan# 11

Delta R.T. -0.006 min

Lab File: VX040883.D

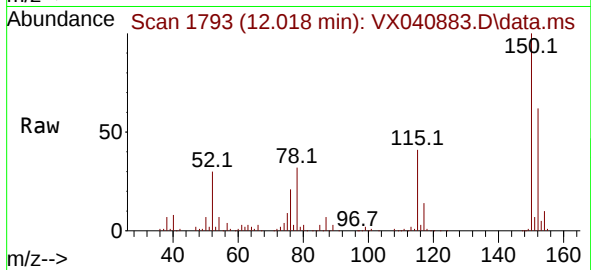
Acq: 04 Apr 2024 13:18

Instrument :

MSVOA\_X

ClientSampleId :

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Tgt Ion:152 Resp: 42576

Ion Ratio Lower Upper

152 100

115 63.9 43.3 129.9

150 158.8 0.0 345.0

