

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX040324\  
 Data File : VX040869.D  
 Acq On : 03 Apr 2024 13:09  
 Operator : JC/MD  
 Sample : P1964-03  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 RSB-02-47-040224

Quant Time: Apr 03 16:39:16 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       | 5.556  | 168   | 42217    | 50.000   | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene     | 6.763  | 114   | 75164    | 50.000   | ug/l  | 0.00     |
| 63) Chlorobenzene-d5        | 10.055 | 117   | 74868    | 50.000   | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 12.024 | 152   | 40469    | 50.000   | ug/l  | 0.00     |
| System Monitoring Compounds |        |       |          |          |       |          |
| 33) 1,2-Dichloroethane-d4   | 5.958  | 65    | 37198    | 49.107   | ug/l  | 0.00     |
| Spiked Amount               | 50.000 | Range | 78 - 117 | Recovery | =     | 98.220%  |
| 35) Dibromofluoromethane    | 5.385  | 113   | 26588    | 49.941   | ug/l  | 0.00     |
| Spiked Amount               | 50.000 | Range | 75 - 124 | Recovery | =     | 99.880%  |
| 50) Toluene-d8              | 8.647  | 98    | 94944    | 49.353   | ug/l  | 0.00     |
| Spiked Amount               | 50.000 | Range | 92 - 112 | Recovery | =     | 98.700%  |
| 62) 4-Bromofluorobenzene    | 11.079 | 95    | 39531    | 51.456   | ug/l  | 0.00     |
| Spiked Amount               | 50.000 | Range | 83 - 123 | Recovery | =     | 102.920% |

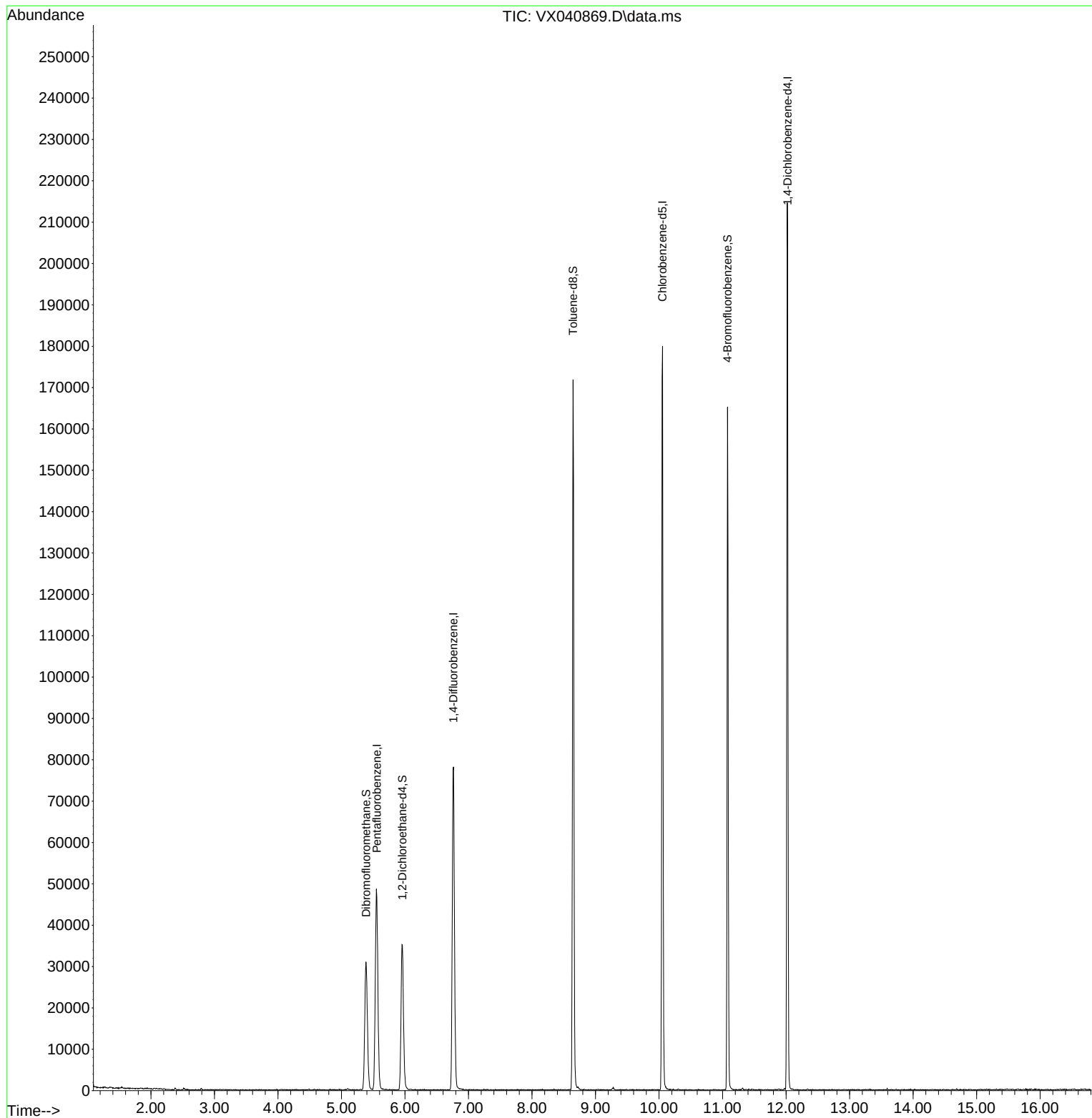
| Target Compounds | Qvalue |
|------------------|--------|
| -----            |        |

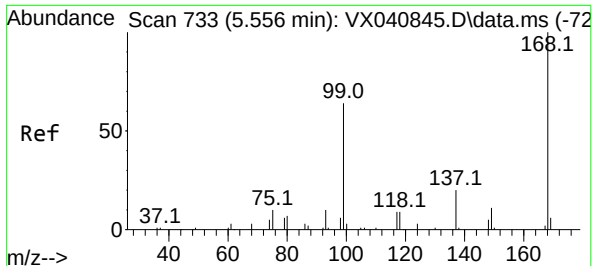
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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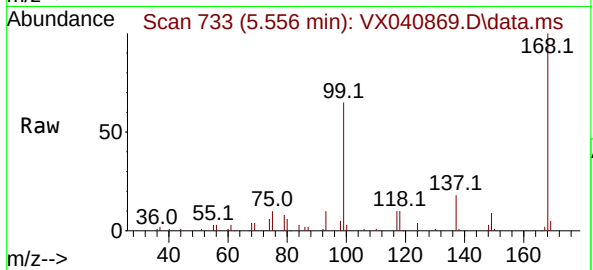
Quant Time: Apr 03 16:39:16 2024  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X040124W.M  
Quant Title : SW846 8260  
QLast Update : Tue Apr 02 05:40:55 2024  
Response via : Initial Calibration



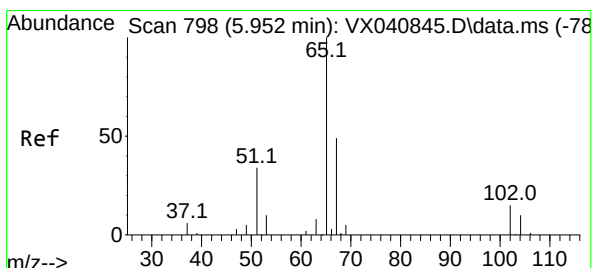
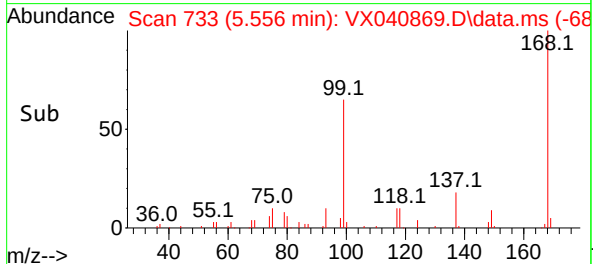
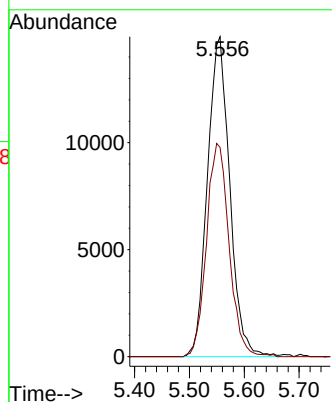


#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.556 min Scan# 733  
Delta R.T. -0.000 min  
Lab File: VX040869.D  
Acq: 03 Apr 2024 13:09

Instrument :  
MSVOA\_X  
ClientSampleId :  
RSB-02-47-040224

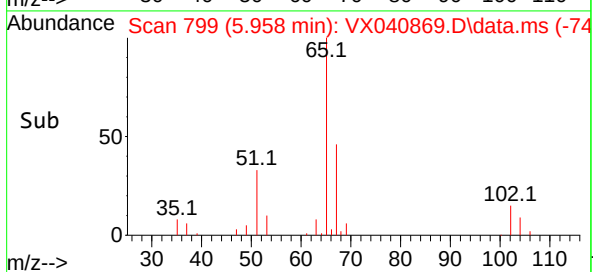
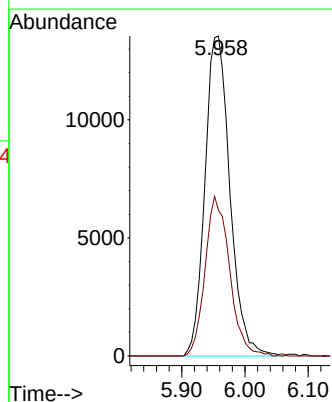
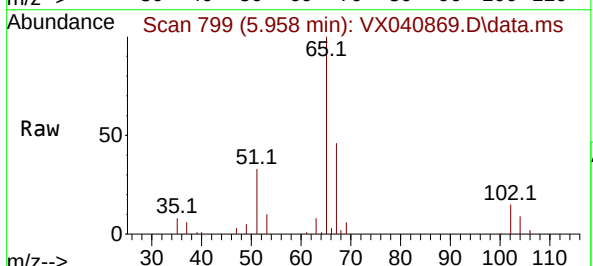


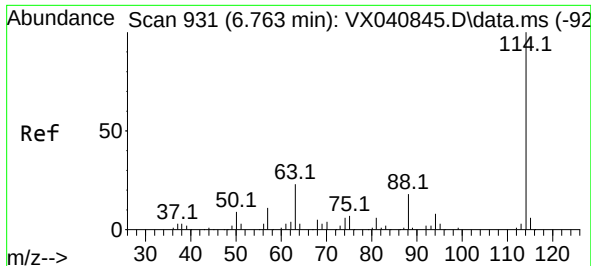
Tgt Ion:168 Resp: 42217  
Ion Ratio Lower Upper  
168 100  
99 65.4 56.6 85.0



#33  
1,2-Dichloroethane-d4  
Concen: 49.107 ug/l  
RT: 5.958 min Scan# 799  
Delta R.T. 0.006 min  
Lab File: VX040869.D  
Acq: 03 Apr 2024 13:09

Tgt Ion: 65 Resp: 37198  
Ion Ratio Lower Upper  
65 100  
67 48.8 0.0 100.2

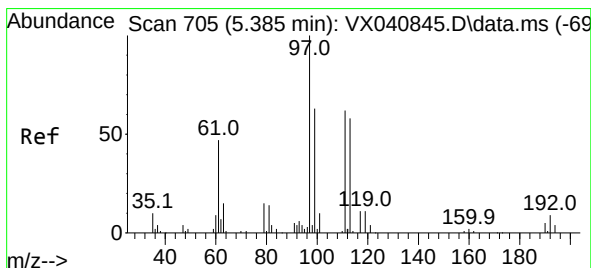
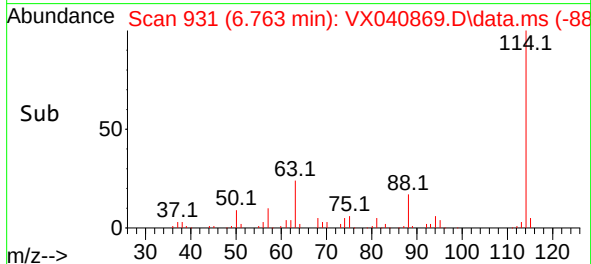
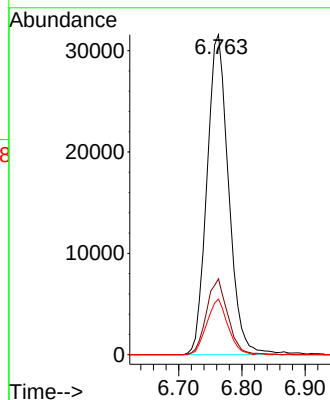
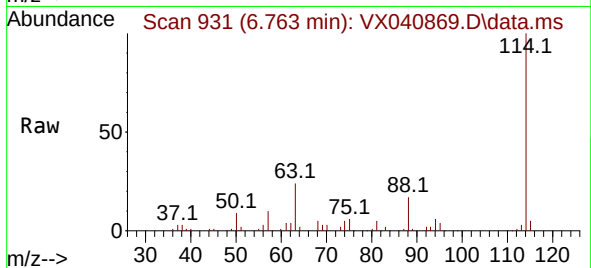




#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 6.763 min Scan# 91  
Delta R.T. -0.000 min  
Lab File: VX040869.D  
Acq: 03 Apr 2024 13:09

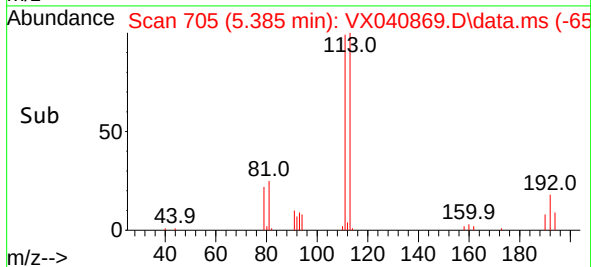
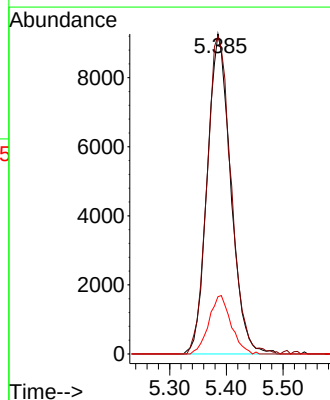
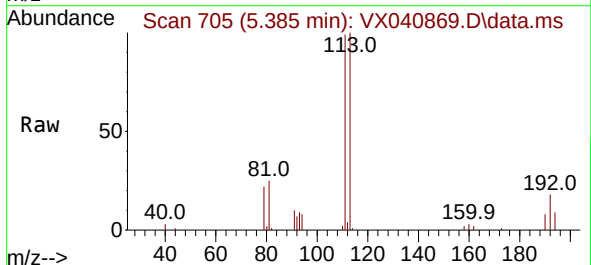
Instrument :  
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ClientSampleId :  
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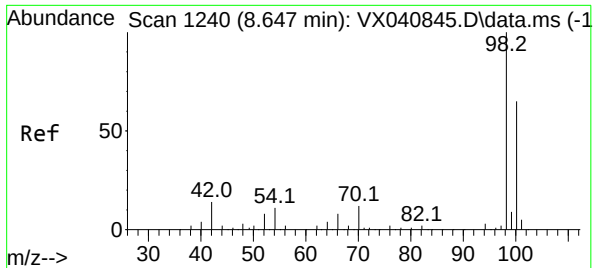
|             |       |             |
|-------------|-------|-------------|
| Tgt Ion:114 | Resp: | 75164       |
| Ion         | Ratio | Lower Upper |
| 114         | 100   |             |
| 63          | 23.7  | 0.0 45.0    |
| 88          | 17.4  | 0.0 36.6    |



#35  
Dibromofluoromethane  
Concen: 49.941 ug/l  
RT: 5.385 min Scan# 705  
Delta R.T. -0.000 min  
Lab File: VX040869.D  
Acq: 03 Apr 2024 13:09

|             |       |             |
|-------------|-------|-------------|
| Tgt Ion:113 | Resp: | 26588       |
| Ion         | Ratio | Lower Upper |
| 113         | 100   |             |
| 111         | 102.0 | 82.9 124.3  |
| 192         | 17.3  | 13.3 19.9   |

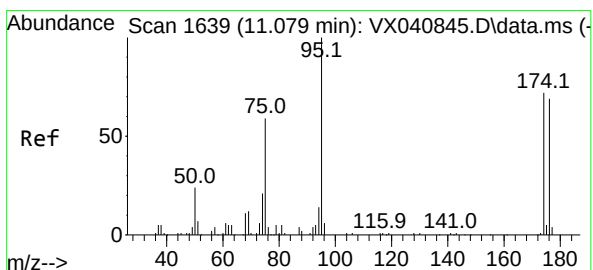
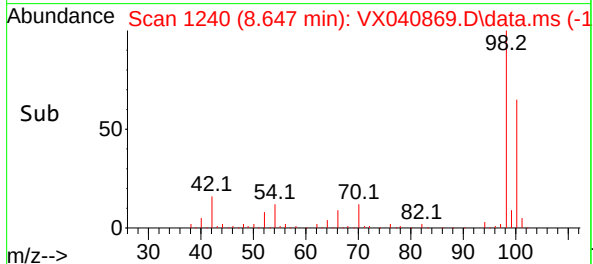
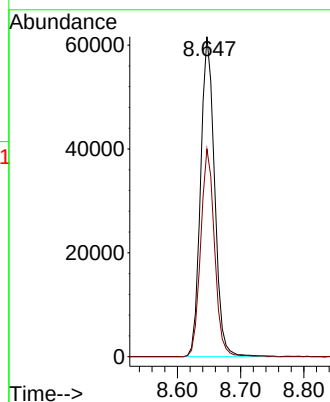
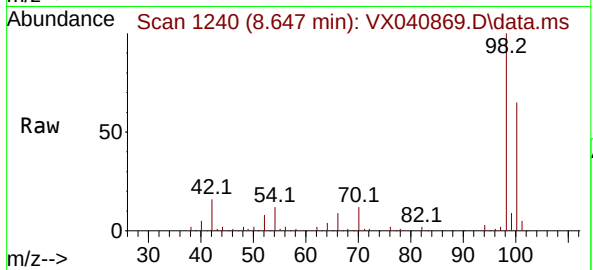




#50  
Toluene-d8  
Concen: 49.353 ug/l  
RT: 8.647 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VX040869.D  
Acq: 03 Apr 2024 13:09

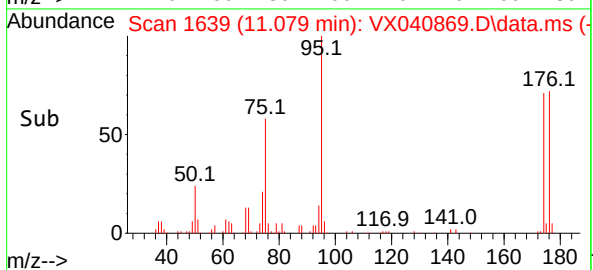
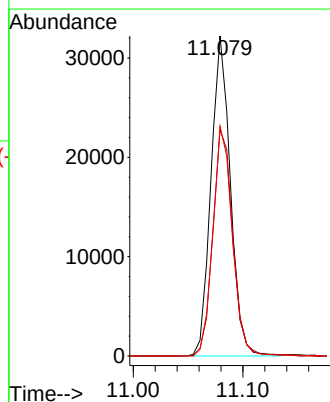
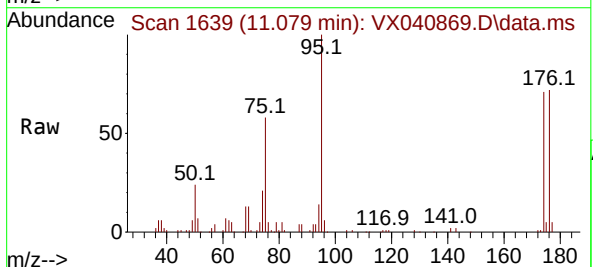
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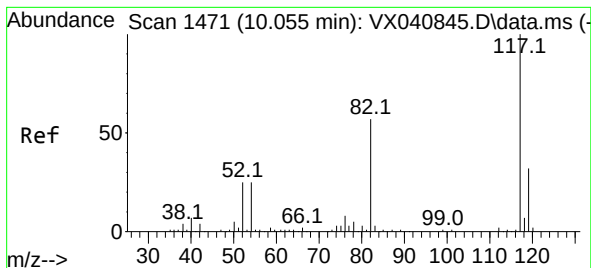
Tgt Ion: 98 Resp: 94944  
Ion Ratio Lower Upper  
98 100  
100 64.4 53.1 79.7



#62  
4-Bromofluorobenzene  
Concen: 51.456 ug/l  
RT: 11.079 min Scan# 1639  
Delta R.T. -0.000 min  
Lab File: VX040869.D  
Acq: 03 Apr 2024 13:09

Tgt Ion: 95 Resp: 39531  
Ion Ratio Lower Upper  
95 100  
174 73.2 0.0 135.6  
176 72.0 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: VX040869.D

Acq: 03 Apr 2024 13:09

Instrument :

MSVOA\_X

ClientSampleId :

RSB-02-47-040224

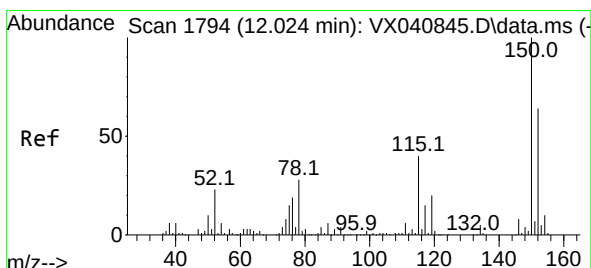
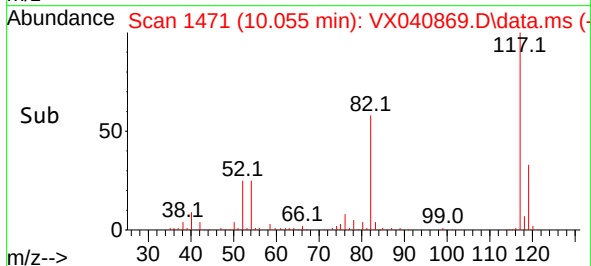
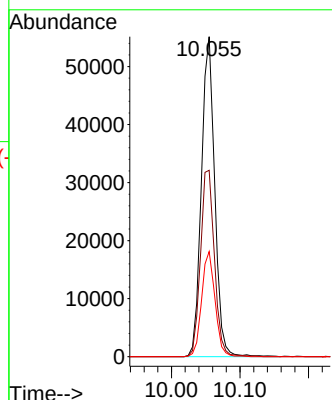
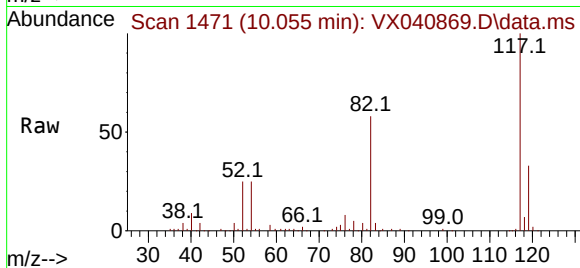
Tgt Ion:117 Resp: 74868

Ion Ratio Lower Upper

117 100

82 58.3 46.2 69.4

119 32.8 25.5 38.3



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. -0.000 min

Lab File: VX040869.D

Acq: 03 Apr 2024 13:09

Tgt Ion:152 Resp: 40469

Ion Ratio Lower Upper

152 100

115 62.5 43.3 129.9

150 158.0 0.0 345.0

