

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX020624\  
 Data File : VX040141.D  
 Acq On : 06 Feb 2024 16:01  
 Operator : JC/MD  
 Sample : P1376-03  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 BP-VPB-195-GW-740-742

Quant Time: Feb 07 00:37:08 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

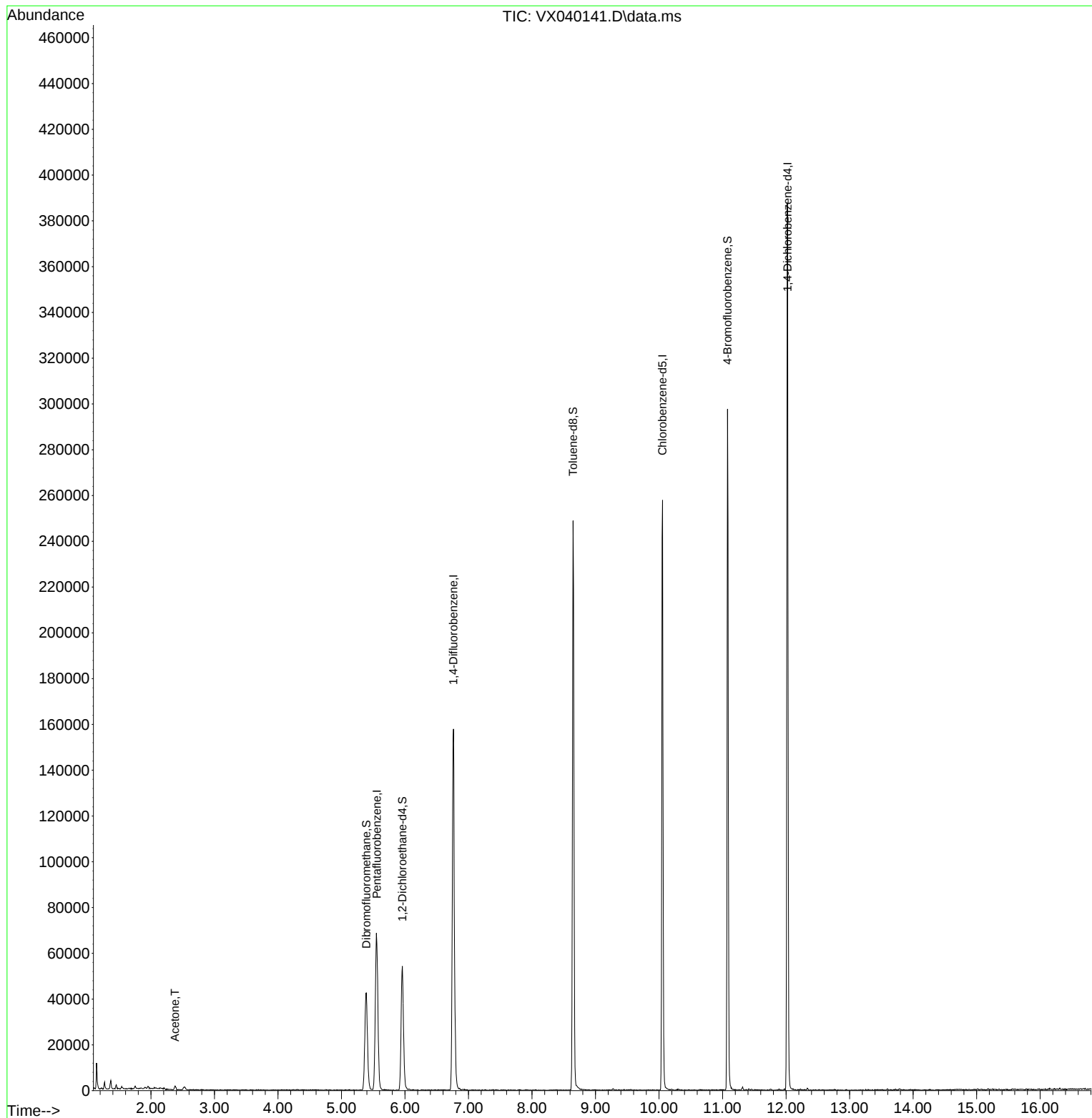
| Compound                    | R.T.   | QIon  | Response | Conc     | Units | Dev(Min)    |
|-----------------------------|--------|-------|----------|----------|-------|-------------|
| -----                       |        |       |          |          |       |             |
| Internal Standards          |        |       |          |          |       |             |
| 1) Pentafluorobenzene       | 5.556  | 168   | 56812    | 50.000   | ug/l  | 0.00        |
| 34) 1,4-Difluorobenzene     | 6.763  | 114   | 150723   | 50.000   | ug/l  | 0.00        |
| 63) Chlorobenzene-d5        | 10.055 | 117   | 104740   | 50.000   | ug/l  | 0.00        |
| 72) 1,4-Dichlorobenzene-d4  | 12.024 | 152   | 80055    | 50.000   | ug/l  | 0.00        |
| System Monitoring Compounds |        |       |          |          |       |             |
| 33) 1,2-Dichloroethane-d4   | 5.958  | 65    | 51021    | 55.802   | ug/l  | 0.00        |
| Spiked Amount               | 50.000 | Range | 78 - 117 | Recovery | =     | 111.600%    |
| 35) Dibromofluoromethane    | 5.391  | 113   | 37127    | 36.185   | ug/l  | 0.00        |
| Spiked Amount               | 50.000 | Range | 75 - 124 | Recovery | =     | 72.380%#    |
| 50) Toluene-d8              | 8.647  | 98    | 142046   | 37.020   | ug/l  | 0.00        |
| Spiked Amount               | 50.000 | Range | 92 - 112 | Recovery | =     | 74.040%#    |
| 62) 4-Bromofluorobenzene    | 11.079 | 95    | 79987    | 54.138   | ug/l  | 0.00        |
| Spiked Amount               | 50.000 | Range | 83 - 123 | Recovery | =     | 108.280%    |
| Target Compounds            |        |       |          |          |       |             |
| 16) Acetone                 | 2.379  | 43    | 1865     | 4.353    | ug/l  | Qvalue # 84 |
| -----                       |        |       |          |          |       |             |

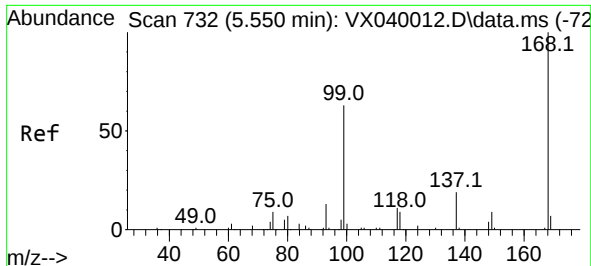
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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BP-VPB-195-GW-740-742

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Quant Title : SW846 8260  
QLast Update : Thu Feb 01 05:44:39 2024  
Response via : Initial Calibration

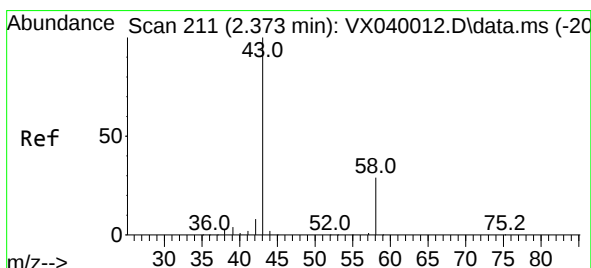
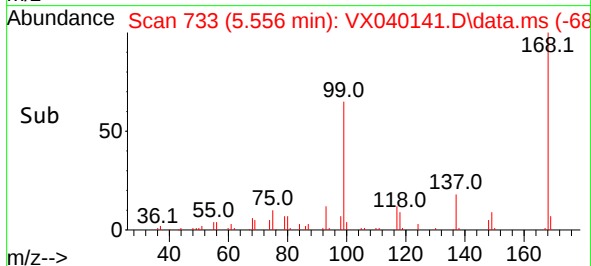
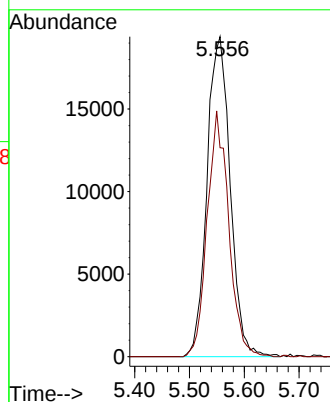
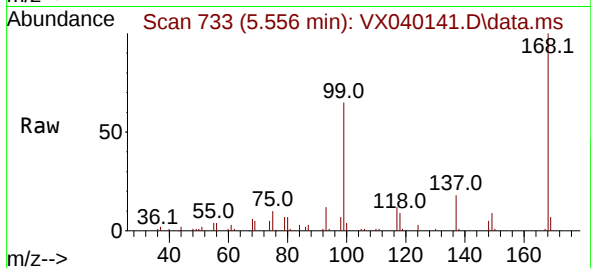




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.556 min Scan# 71  
Delta R.T. 0.006 min  
Lab File: VX040141.D  
Acq: 06 Feb 2024 16:01

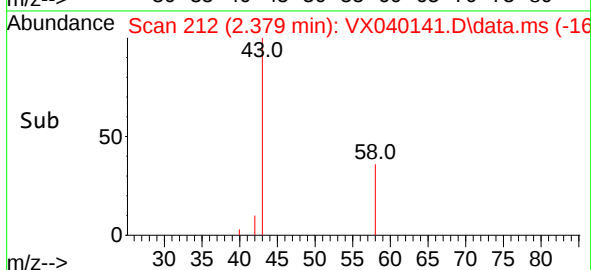
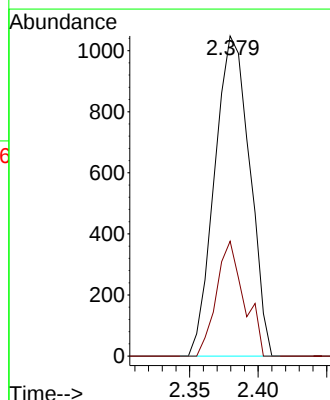
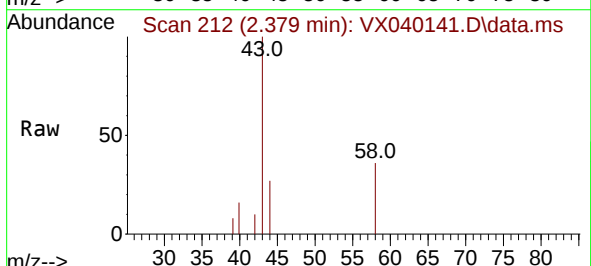
Instrument :  
MSVOA\_X  
ClientSampleId :  
BP-VPB-195-GW-740-742

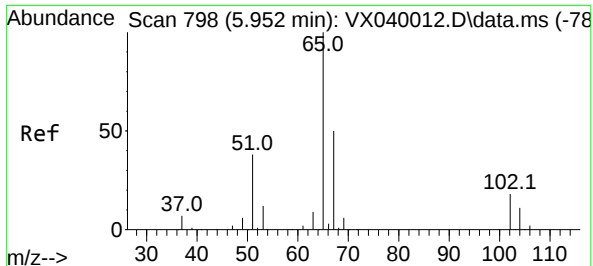
Tgt Ion:168 Resp: 56812  
Ion Ratio Lower Upper  
168 100  
99 65.3 56.6 85.0



#16  
Acetone  
Concen: 4.353 ug/l  
RT: 2.379 min Scan# 212  
Delta R.T. 0.006 min  
Lab File: VX040141.D  
Acq: 06 Feb 2024 16:01

Tgt Ion: 43 Resp: 1865  
Ion Ratio Lower Upper  
43 100  
58 35.9 21.9 32.9#





#33

1,2-Dichloroethane-d4

Concen: 55.802 ug/l

RT: 5.958 min Scan# 798

Delta R.T. 0.006 min

Lab File: VX040141.D

Acq: 06 Feb 2024 16:01

Instrument :

MSVOA\_X

ClientSampleId :

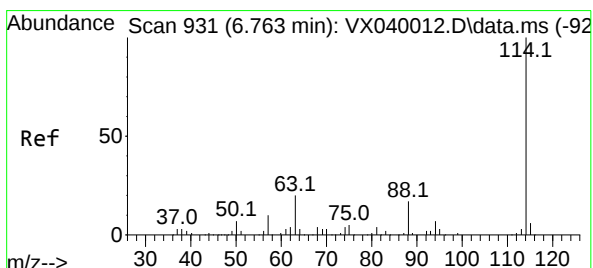
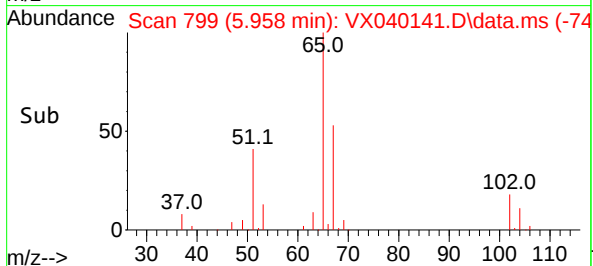
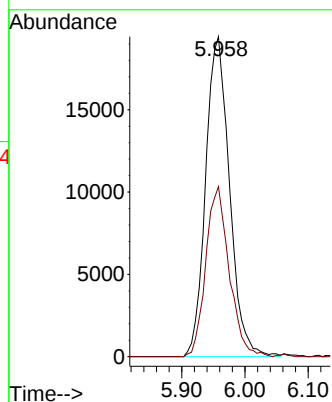
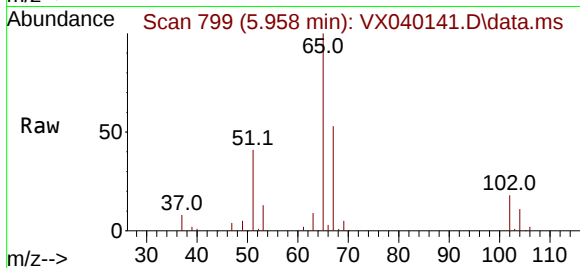
BP-VPB-195-GW-740-742

Tgt Ion: 65 Resp: 51021

Ion Ratio Lower Upper

65 100

67 52.0 0.0 100.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.000 min

Lab File: VX040141.D

Acq: 06 Feb 2024 16:01

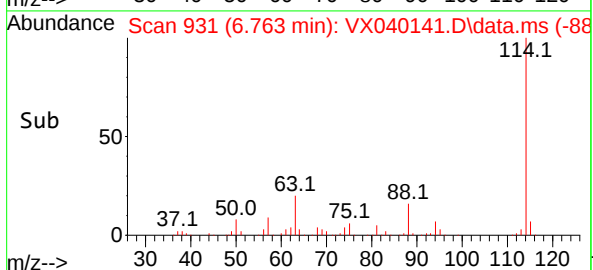
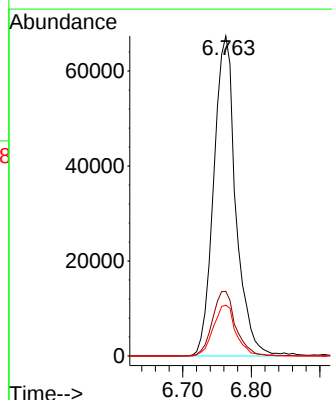
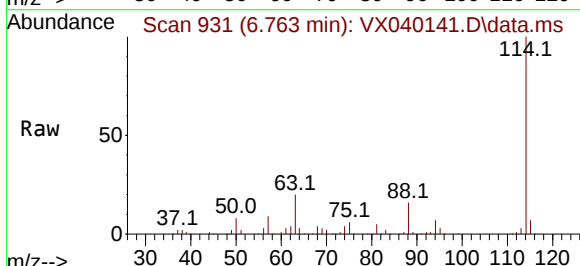
Tgt Ion: 114 Resp: 150723

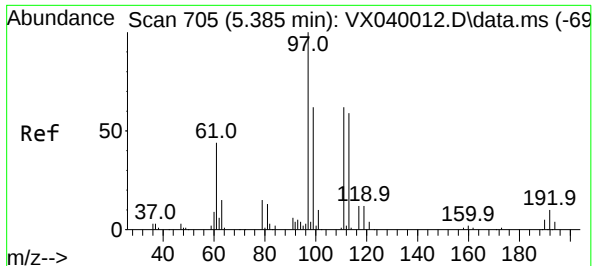
Ion Ratio Lower Upper

114 100

63 20.2 0.0 45.0

88 15.9 0.0 36.6

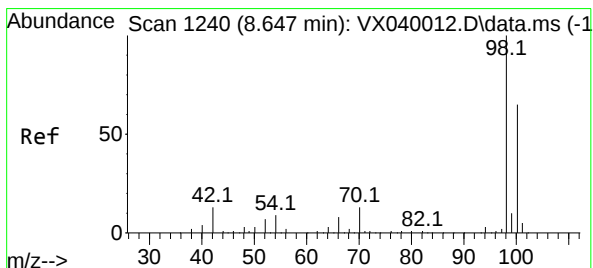
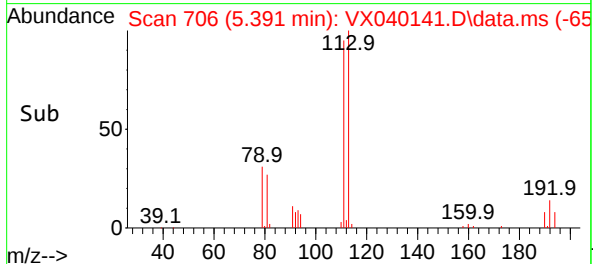
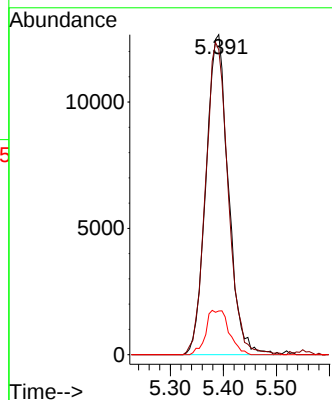
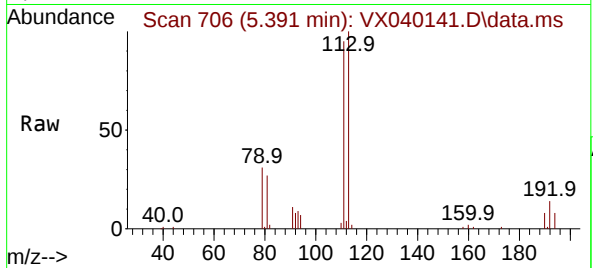




#35  
Dibromofluoromethane  
Concen: 36.185 ug/l  
RT: 5.391 min Scan# 705  
Delta R.T. 0.006 min  
Lab File: VX040141.D  
Acq: 06 Feb 2024 16:01

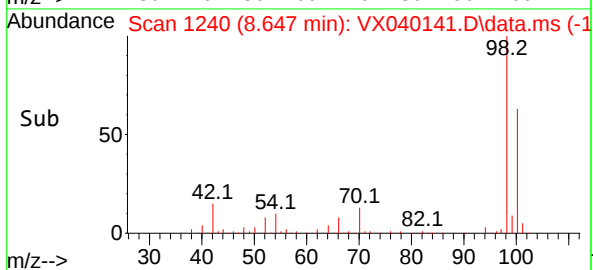
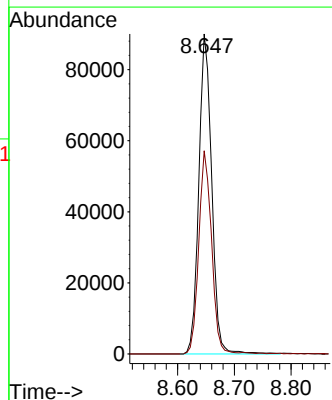
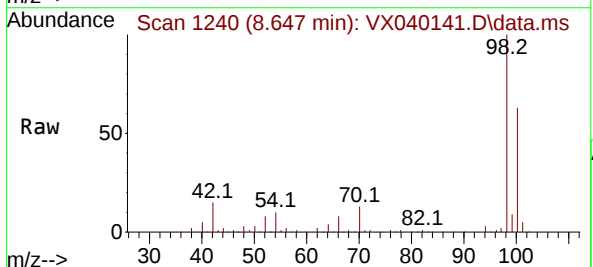
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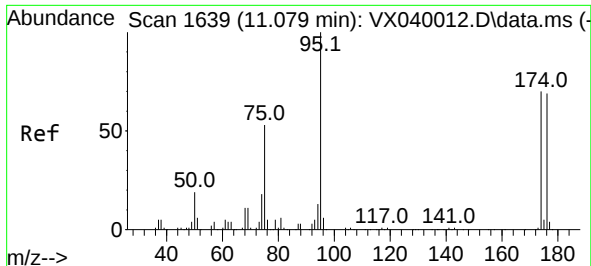
Tgt Ion:113 Resp: 37127  
Ion Ratio Lower Upper  
113 100  
111 98.3 82.9 124.3  
192 14.4 13.3 19.9



#50  
Toluene-d8  
Concen: 37.020 ug/l  
RT: 8.647 min Scan# 1240  
Delta R.T. -0.000 min  
Lab File: VX040141.D  
Acq: 06 Feb 2024 16:01

Tgt Ion: 98 Resp: 142046  
Ion Ratio Lower Upper  
98 100  
100 62.9 53.1 79.7

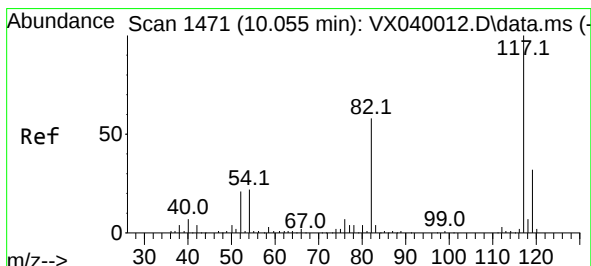
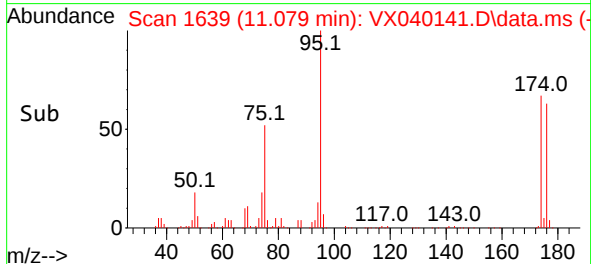
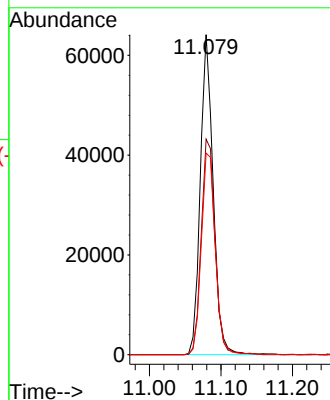
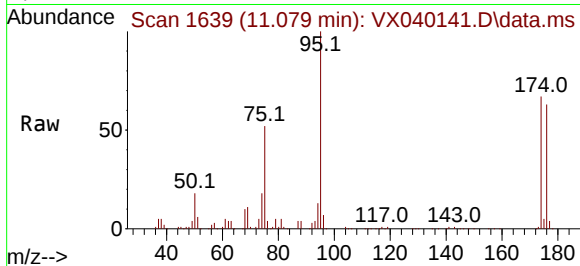




#62  
4-Bromofluorobenzene  
Concen: 54.138 ug/l  
RT: 11.079 min Scan# 1639  
Delta R.T. -0.000 min  
Lab File: VX040141.D  
Acq: 06 Feb 2024 16:01

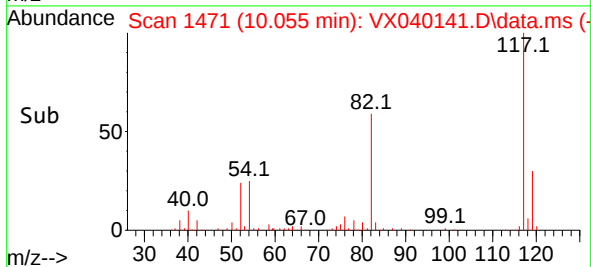
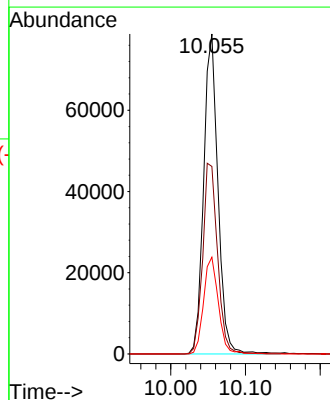
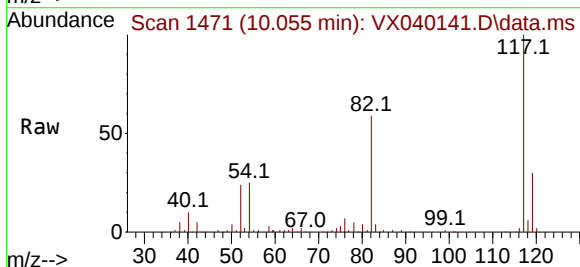
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MSVOA\_X  
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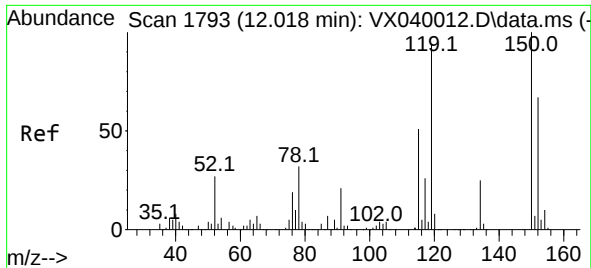
Tgt Ion: 95 Resp: 79987  
Ion Ratio Lower Upper  
95 100  
174 72.3 0.0 135.6  
176 68.7 0.0 131.0



#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.055 min Scan# 1471  
Delta R.T. -0.000 min  
Lab File: VX040141.D  
Acq: 06 Feb 2024 16:01

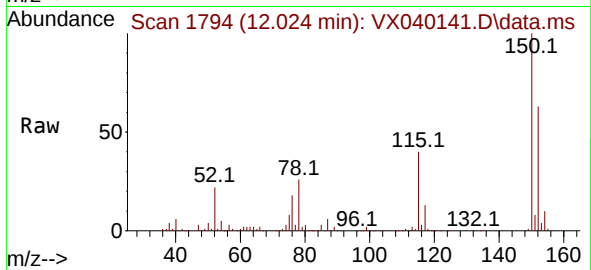
Tgt Ion: 117 Resp: 104740  
Ion Ratio Lower Upper  
117 100  
82 58.6 46.2 69.4  
119 30.3 25.5 38.3





#72  
 1,4-Dichlorobenzene-d4  
 Concen: 50.000 ug/l  
 RT: 12.024 min Scan# 11  
 Delta R.T. 0.006 min  
 Lab File: VX040141.D  
 Acq: 06 Feb 2024 16:01

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 BP-VPB-195-GW-740-742



|             |       |             |
|-------------|-------|-------------|
| Tgt Ion:152 | Resp: | 80055       |
| Ion         | Ratio | Lower Upper |
| 152         | 100   |             |
| 115         | 63.7  | 43.3 129.9  |
| 150         | 159.1 | 0.0 345.0   |

