

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX100923\  
 Data File : VX038164.D  
 Acq On : 09 Oct 2023 12:18  
 Operator : JC/MD  
 Sample : 04810-02  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 BP-VPB-RW10A-GW-620-622

Quant Time: Oct 10 00:54:08 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X100523W.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Oct 05 15:27:13 2023  
 Response via : Initial Calibration

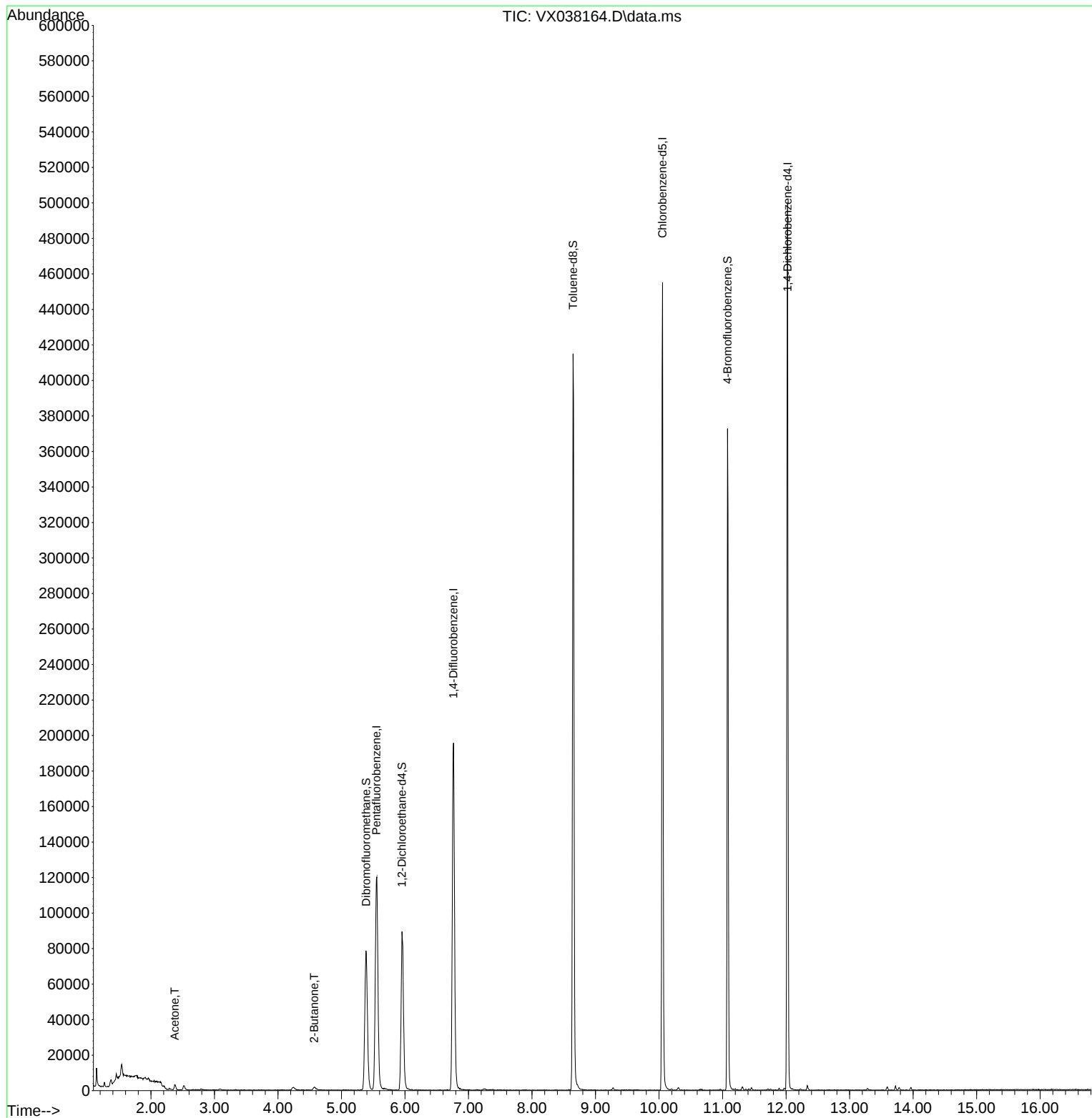
| Compound                    | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-----------------------------|--------|-------|----------|----------|--------|----------|
| -----                       |        |       |          |          |        |          |
| Internal Standards          |        |       |          |          |        |          |
| 1) Pentafluorobenzene       | 5.550  | 168   | 114676   | 50.000   | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene     | 6.763  | 114   | 204640   | 50.000   | ug/l   | 0.00     |
| 63) Chlorobenzene-d5        | 10.055 | 117   | 195525   | 50.000   | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 12.024 | 152   | 100335   | 50.000   | ug/l   | 0.00     |
| System Monitoring Compounds |        |       |          |          |        |          |
| 33) 1,2-Dichloroethane-d4   | 5.952  | 65    | 85027    | 46.098   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 78 - 117 | Recovery | =      | 92.200%  |
| 35) Dibromofluoromethane    | 5.385  | 113   | 66396    | 45.028   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 75 - 124 | Recovery | =      | 90.060%  |
| 50) Toluene-d8              | 8.647  | 98    | 250757   | 44.503   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 92 - 112 | Recovery | =      | 89.000%# |
| 62) 4-Bromofluorobenzene    | 11.079 | 95    | 94015    | 44.011   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 83 - 123 | Recovery | =      | 88.020%  |
| Target Compounds            |        |       |          |          |        |          |
|                             |        |       |          |          | Qvalue |          |
| 16) Acetone                 | 2.373  | 43    | 3186     | 4.139    | ug/l   | 99       |
| 25) 2-Butanone              | 4.568  | 43    | 2740     | 2.206    | ug/l # | 88       |
| -----                       |        |       |          |          |        |          |

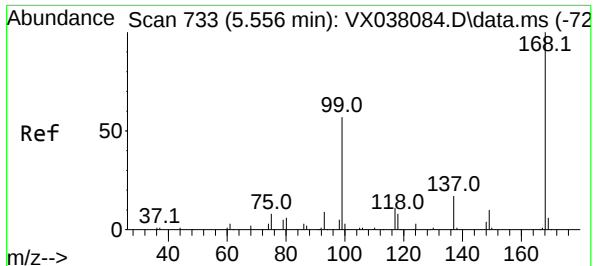
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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BP-VPB-RW10A-GW-620-622

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Quant Title : SW846 8260  
QLast Update : Thu Oct 05 15:27:13 2023  
Response via : Initial Calibration

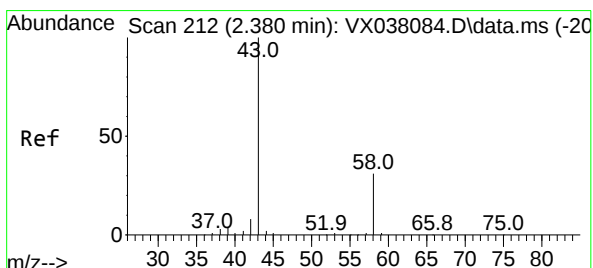
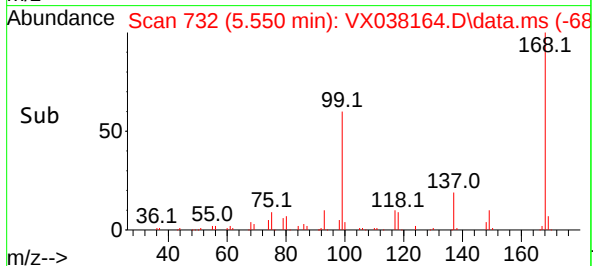
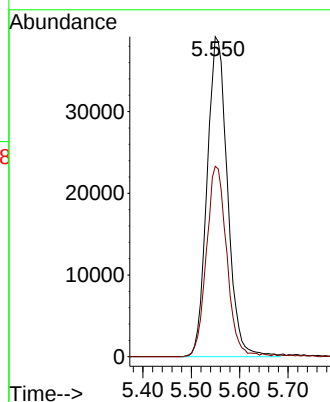
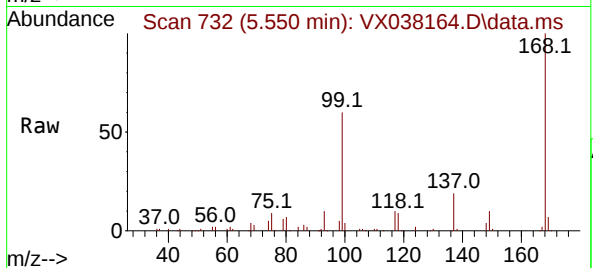




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.550 min Scan# 71  
Delta R.T. -0.006 min  
Lab File: VX038164.D  
Acq: 09 Oct 2023 12:18

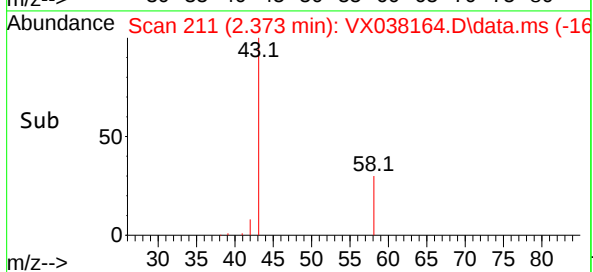
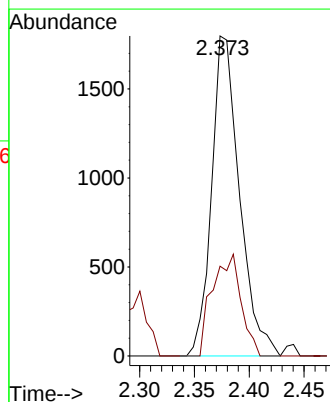
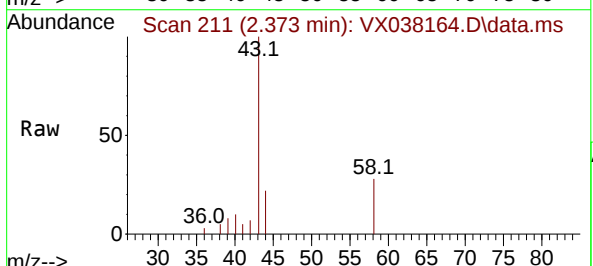
Instrument :  
MSVOA\_X  
ClientSampleId :  
BP-VPB-RW10A-GW-620-622

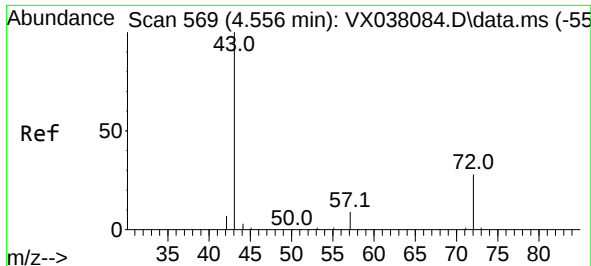
Tgt Ion:168 Resp: 114676  
Ion Ratio Lower Upper  
168 100  
99 59.5 56.6 85.0



#16  
Acetone  
Concen: 4.139 ug/l  
RT: 2.373 min Scan# 211  
Delta R.T. -0.007 min  
Lab File: VX038164.D  
Acq: 09 Oct 2023 12:18

Tgt Ion: 43 Resp: 3186  
Ion Ratio Lower Upper  
43 100  
58 28.0 21.9 32.9





#25

2-Butanone

Concen: 2.206 ug/l

RT: 4.568 min Scan# 51

Delta R.T. 0.012 min

Lab File: VX038164.D

Acq: 09 Oct 2023 12:18

Instrument :

MSVOA\_X

ClientSampleId :

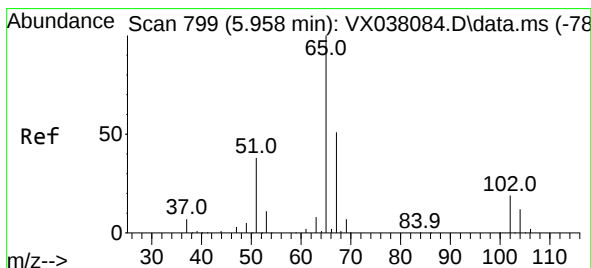
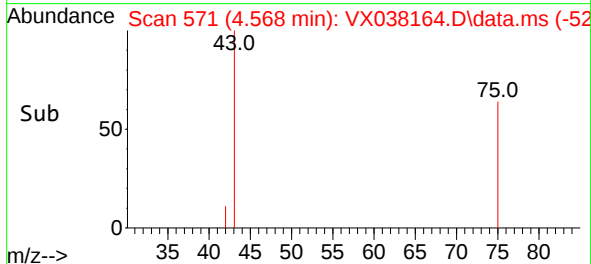
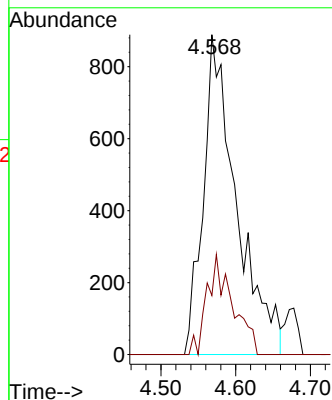
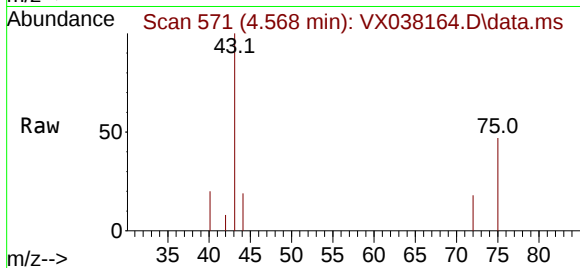
BP-VPB-RW10A-GW-620-622

Tgt Ion: 43 Resp: 2740

Ion Ratio Lower Upper

43 100

72 18.4 19.4 29.2#



#33

1,2-Dichloroethane-d4

Concen: 46.098 ug/l

RT: 5.952 min Scan# 798

Delta R.T. -0.006 min

Lab File: VX038164.D

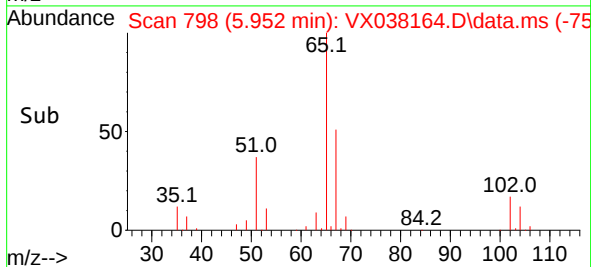
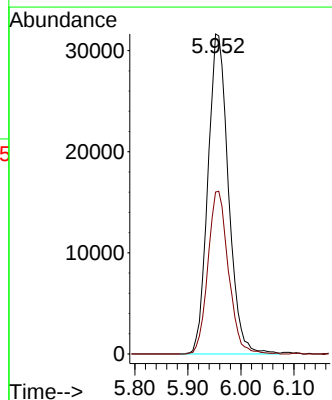
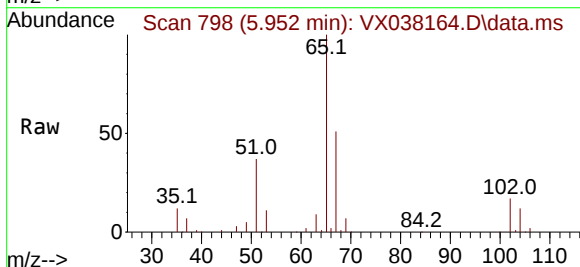
Acq: 09 Oct 2023 12:18

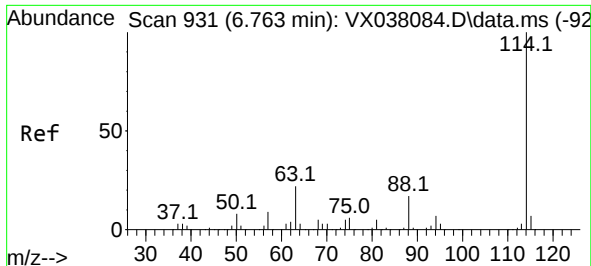
Tgt Ion: 65 Resp: 85027

Ion Ratio Lower Upper

65 100

67 50.9 0.0 100.2

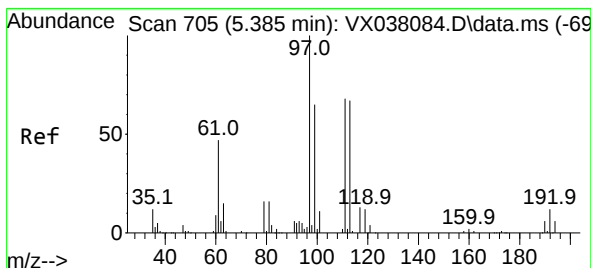
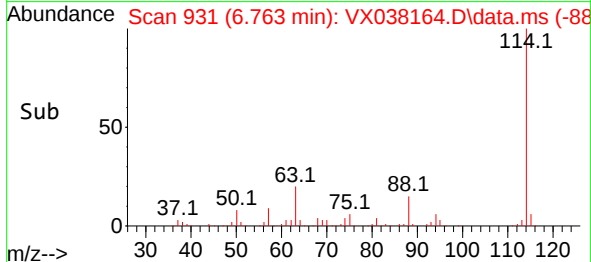
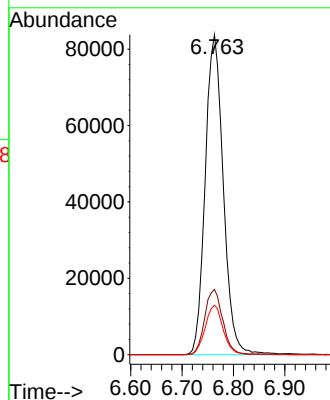
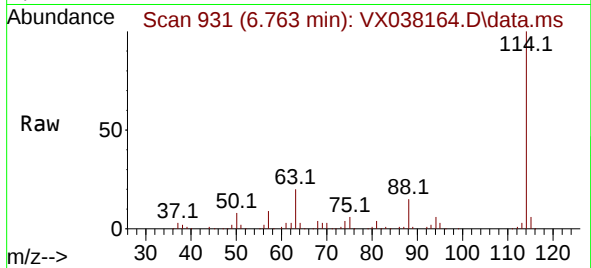




#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 6.763 min Scan# 911  
Delta R.T. -0.000 min  
Lab File: VX038164.D  
Acq: 09 Oct 2023 12:18

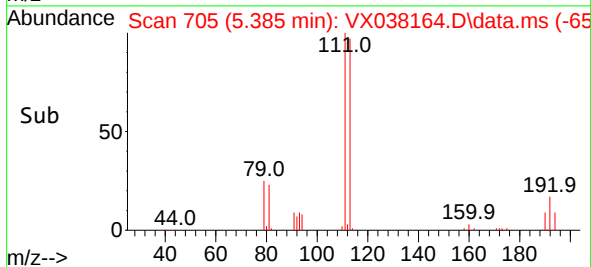
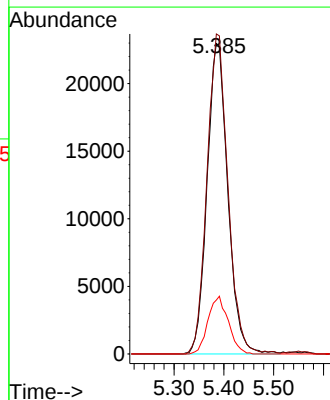
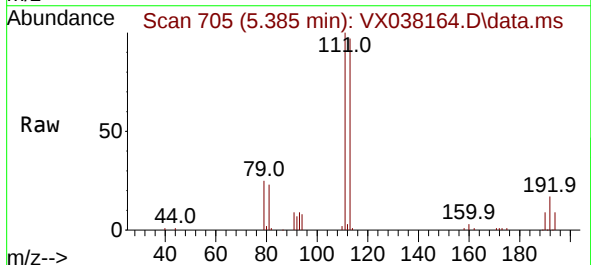
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MSVOA\_X  
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BP-VPB-RW10A-GW-620-622

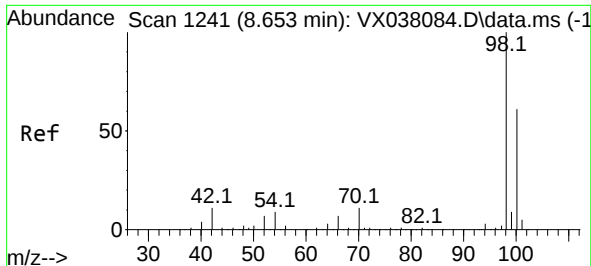
Tgt Ion:114 Resp: 204640  
Ion Ratio Lower Upper  
114 100  
63 20.4 0.0 45.0  
88 15.5 0.0 36.6



#35  
Dibromofluoromethane  
Concen: 45.028 ug/l  
RT: 5.385 min Scan# 705  
Delta R.T. -0.000 min  
Lab File: VX038164.D  
Acq: 09 Oct 2023 12:18

Tgt Ion:113 Resp: 66396  
Ion Ratio Lower Upper  
113 100  
111 103.5 82.9 124.3  
192 18.2 13.3 19.9

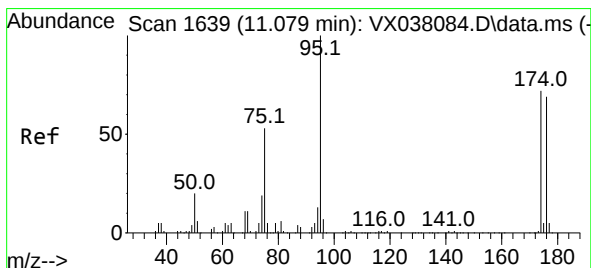
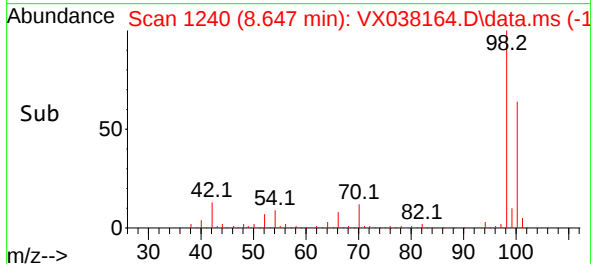
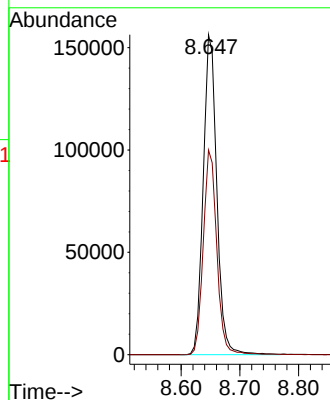
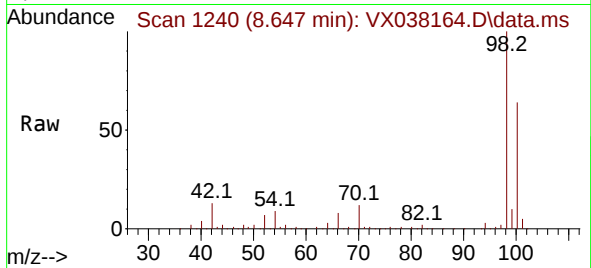




#50  
Toluene-d8  
Concen: 44.503 ug/l  
RT: 8.647 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: VX038164.D  
Acq: 09 Oct 2023 12:18

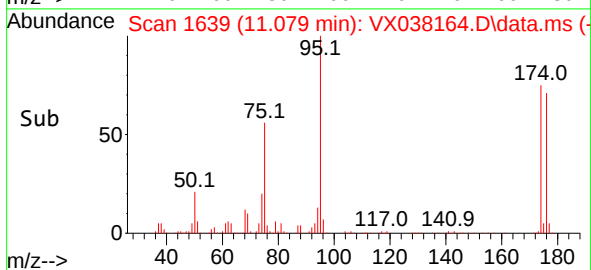
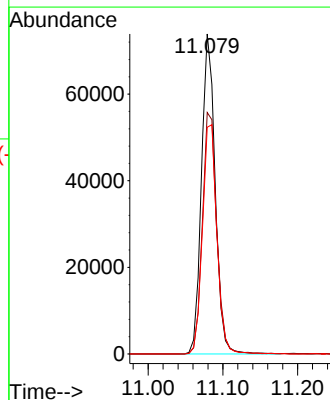
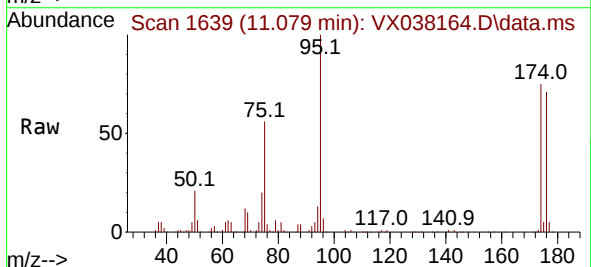
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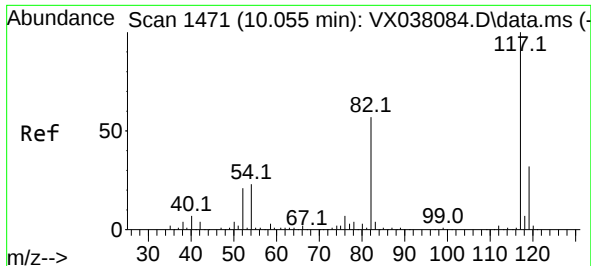
Tgt Ion: 98 Resp: 250757  
Ion Ratio Lower Upper  
98 100  
100 63.7 53.1 79.7



#62  
4-Bromofluorobenzene  
Concen: 44.011 ug/l  
RT: 11.079 min Scan# 1639  
Delta R.T. 0.000 min  
Lab File: VX038164.D  
Acq: 09 Oct 2023 12:18

Tgt Ion: 95 Resp: 94015  
Ion Ratio Lower Upper  
95 100  
174 78.8 0.0 135.6  
176 75.8 0.0 131.0

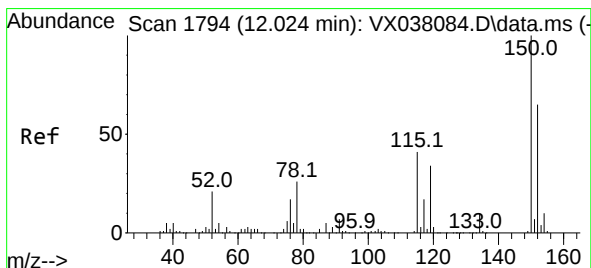
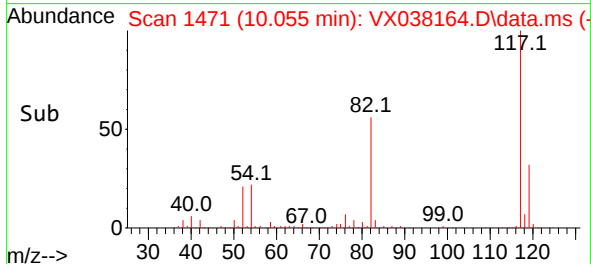
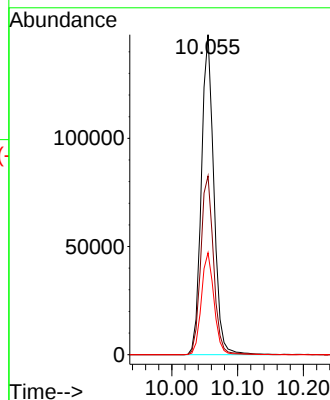
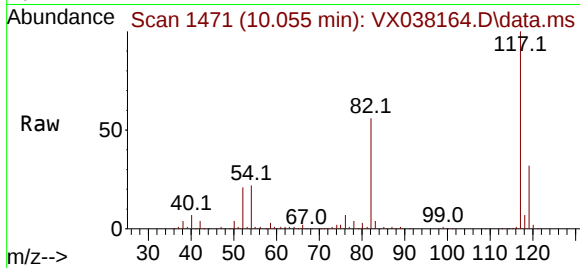




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.055 min Scan# 1471  
Delta R.T. -0.000 min  
Lab File: VX038164.D  
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Tgt Ion:117 Resp: 195525  
Ion Ratio Lower Upper  
117 100  
82 55.9 46.2 69.4  
119 31.9 25.5 38.3



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 12.024 min Scan# 1794  
Delta R.T. 0.000 min  
Lab File: VX038164.D  
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Tgt Ion:152 Resp: 100335  
Ion Ratio Lower Upper  
152 100  
115 60.9 43.3 129.9  
150 155.9 0.0 345.0

