

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX092021\  
 Data File : VX024361.D  
 Acq On : 20 Sep 2021 19:14  
 Operator : JC/MD  
 Sample : M3818-04  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 18 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 BP-TT-VPB-RW7-GW-885-887

Quant Time: Sep 21 08:43:11 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X091421W.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Sep 14 12:18:04 2021  
 Response via : Initial Calibration

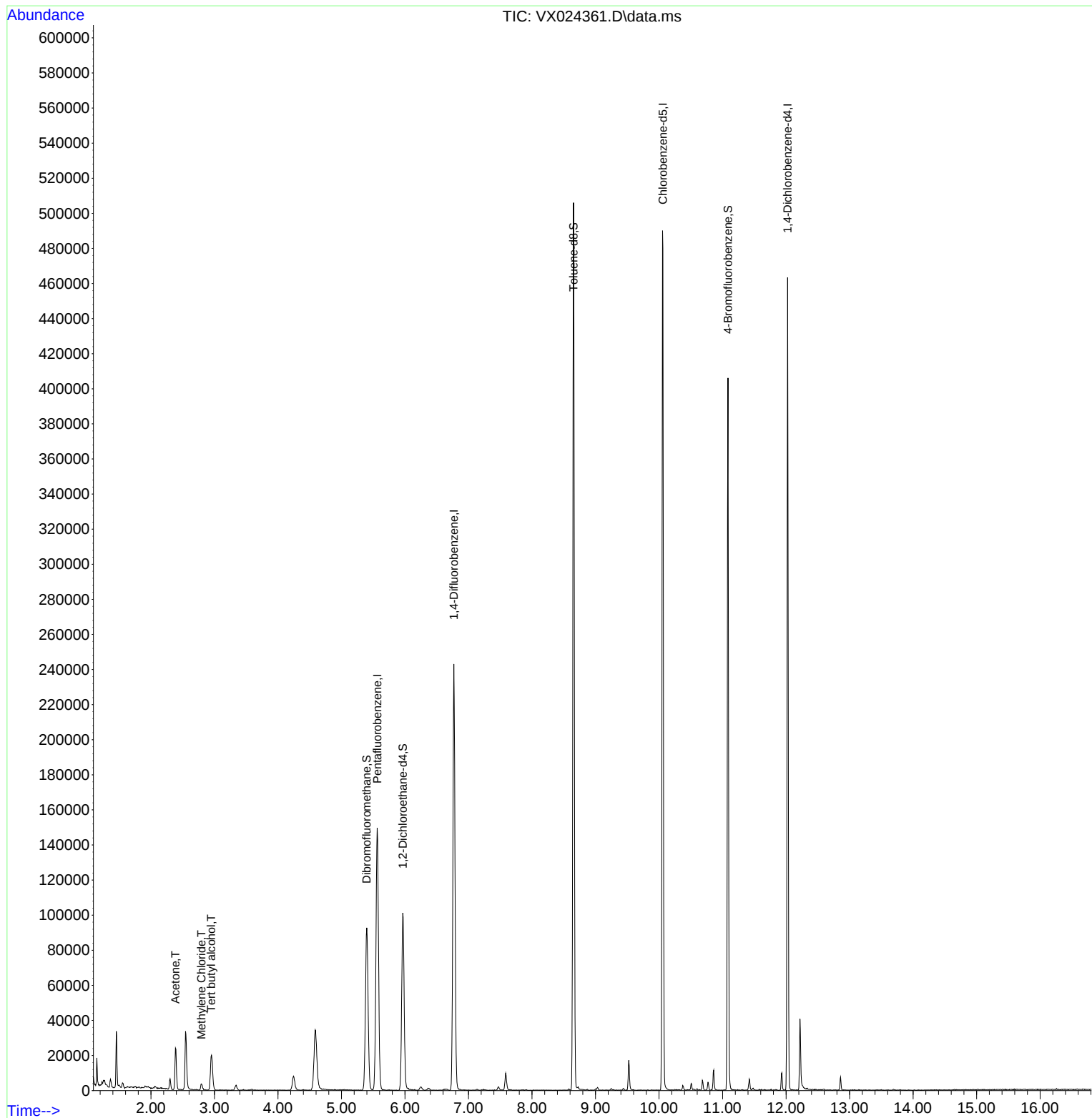
| Compound                    | R.T. QIon      |     | Response | Conc       | Units  | Dev(Min) |
|-----------------------------|----------------|-----|----------|------------|--------|----------|
| -----                       |                |     |          |            |        |          |
| Internal Standards          |                |     |          |            |        |          |
| 1) Pentafluorobenzene       | 5.562          | 168 | 137296   | 50.000     | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene     | 6.769          | 114 | 234774   | 50.000     | ug/l   | 0.00     |
| 63) Chlorobenzene-d5        | 10.061         | 117 | 226920   | 50.000     | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 12.024         | 152 | 92335    | 50.000     | ug/l   | 0.00     |
|                             |                |     |          |            |        |          |
| System Monitoring Compounds |                |     |          |            |        |          |
| 33) 1,2-Dichloroethane-d4   | 5.964          | 65  | 103255   | 52.740     | ug/l   | 0.00     |
| Spiked Amount 50.000        | Range 78 - 117 |     | Recovery | = 105.480% |        |          |
| 35) Dibromofluoromethane    | 5.397          | 113 | 81100    | 51.509     | ug/l   | 0.00     |
| Spiked Amount 50.000        | Range 75 - 124 |     | Recovery | = 103.020% |        |          |
| 50) Toluene-d8              | 8.653          | 98  | 296185   | 51.638     | ug/l   | 0.00     |
| Spiked Amount 50.000        | Range 92 - 112 |     | Recovery | = 103.280% |        |          |
| 62) 4-Bromofluorobenzene    | 11.085         | 95  | 105143   | 47.103     | ug/l   | 0.00     |
| Spiked Amount 50.000        | Range 83 - 123 |     | Recovery | = 94.200%  |        |          |
|                             |                |     |          |            |        |          |
| Target Compounds            |                |     |          |            |        | Qvalue   |
| 11) Tert butyl alcohol      | 2.947          | 59  | 13411    | 12.391     | ug/l # | 80       |
| 16) Acetone                 | 2.386          | 43  | 25567    | 30.627     | ug/l   | 95       |
| 20) Methylene Chloride      | 2.794          | 84  | 1714     | 1.069      | ug/l # | 83       |
| -----                       |                |     |          |            |        |          |

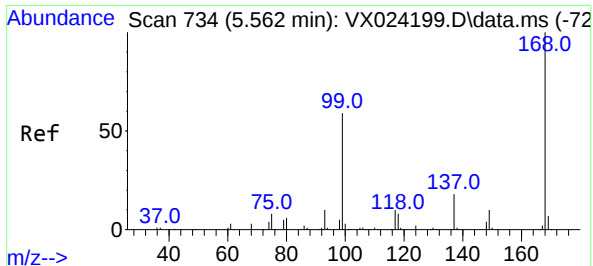
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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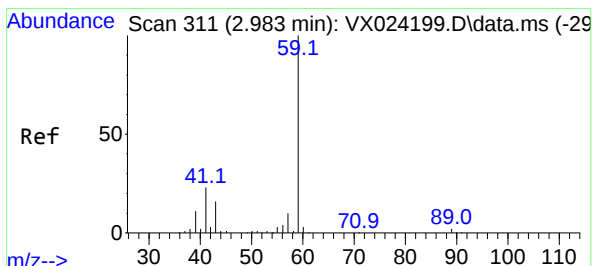
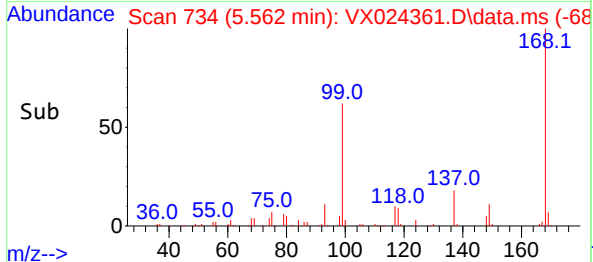
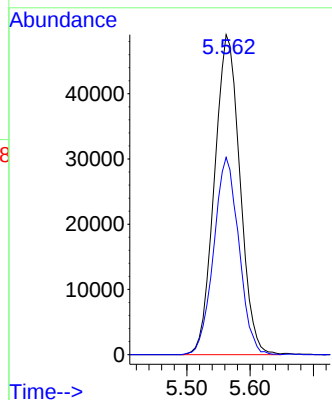
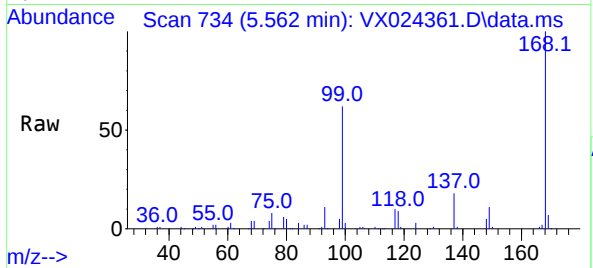




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.562 min Scan# 734  
Delta R.T. 0.000 min  
Lab File: VX024361.D  
Acq: 20 Sep 2021 19:14

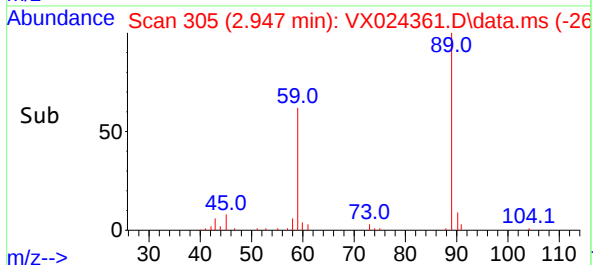
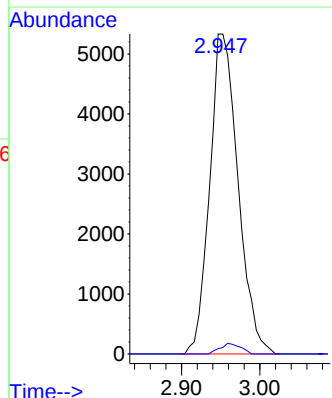
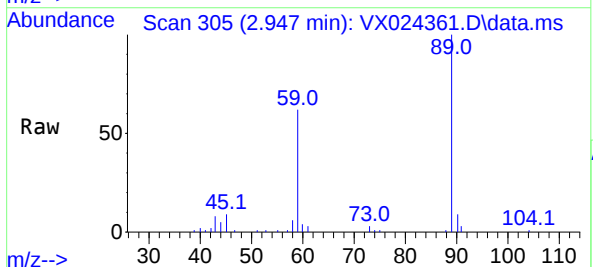
Instrument :  
MSVOA\_X  
ClientSampleId :  
BP-TT-VPB-RW7-GW-885-887

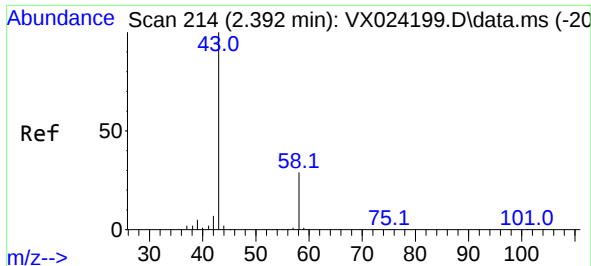
Tgt Ion:168 Resp: 137296  
Ion Ratio Lower Upper  
168 100  
99 61.6 45.8 68.6



#11  
Tert butyl alcohol  
Concen: 12.391 ug/l  
RT: 2.947 min Scan# 305  
Delta R.T. -0.036 min  
Lab File: VX024361.D  
Acq: 20 Sep 2021 19:14

Tgt Ion: 59 Resp: 13411  
Ion Ratio Lower Upper  
59 100  
57 2.4 7.8 11.8#

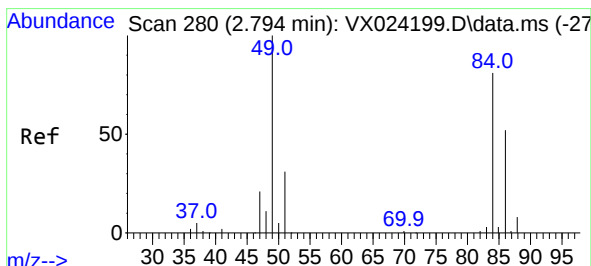
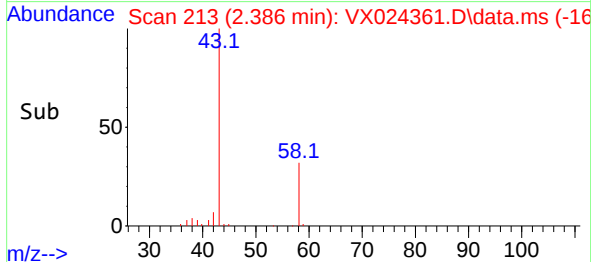
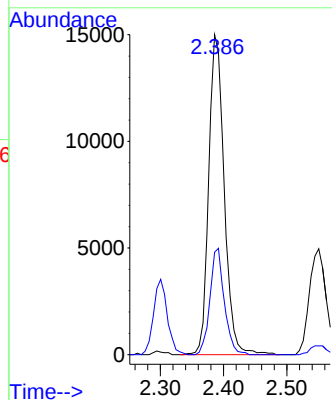
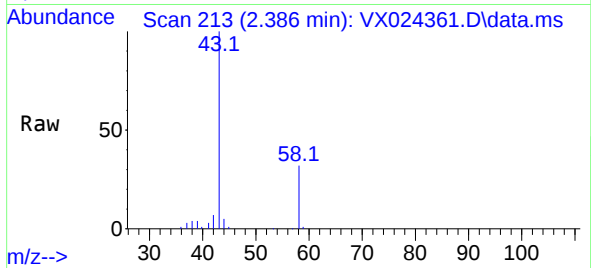




#16  
Acetone  
Concen: 30.627 ug/l  
RT: 2.386 min Scan# 213  
Delta R.T. -0.006 min  
Lab File: VX024361.D  
Acq: 20 Sep 2021 19:14

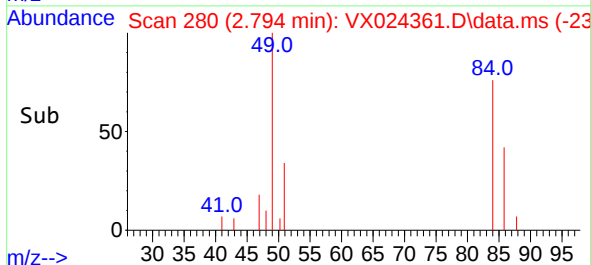
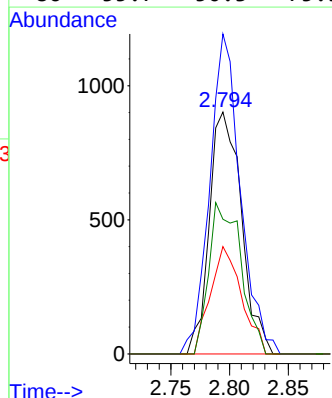
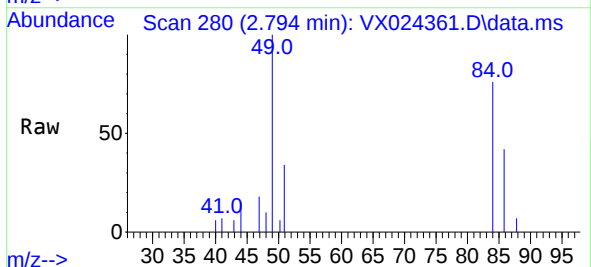
Instrument :  
MSVOA\_X  
ClientSampleId :  
BP-TT-VPB-RW7-GW-885-887

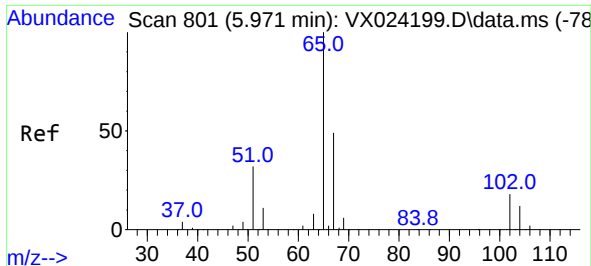
Tgt Ion: 43 Resp: 25567  
Ion Ratio Lower Upper  
43 100  
58 32.0 27.8 41.8



#20  
Methylene Chloride  
Concen: 1.069 ug/l  
RT: 2.794 min Scan# 280  
Delta R.T. 0.000 min  
Lab File: VX024361.D  
Acq: 20 Sep 2021 19:14

Tgt Ion: 84 Resp: 1714  
Ion Ratio Lower Upper  
84 100  
49 132.3 88.6 132.8  
51 44.3 27.0 40.6#  
86 55.7 50.3 75.5



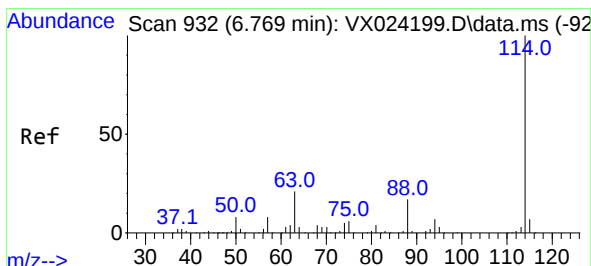
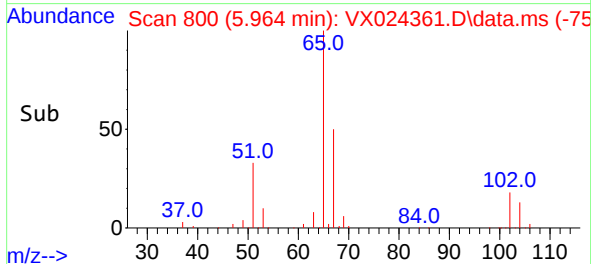
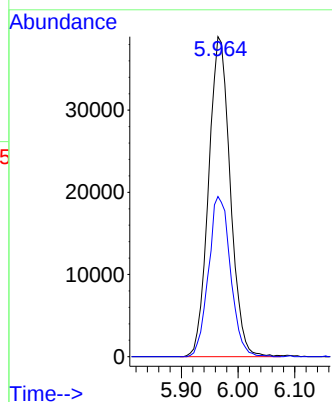
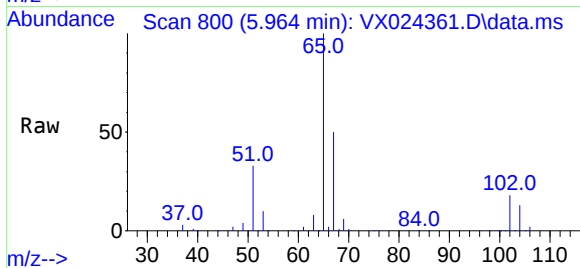


#33

1,2-Dichloroethane-d4  
Concen: 52.740 ug/l  
RT: 5.964 min Scan# 800  
Delta R.T. -0.007 min  
Lab File: VX024361.D  
Acq: 20 Sep 2021 19:14

Instrument :  
MSVOA\_X  
ClientSampleId :  
BP-TT-VPB-RW7-GW-885-887

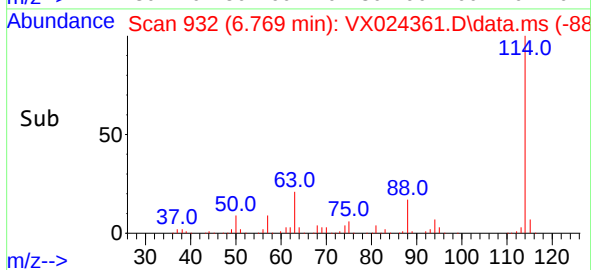
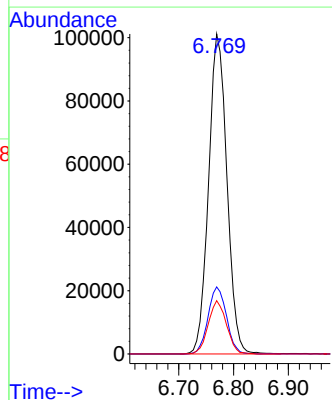
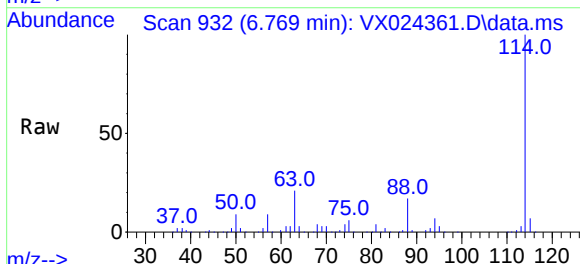
Tgt Ion: 65 Resp: 103255  
Ion Ratio Lower Upper  
65 100  
67 50.9 0.0 105.4

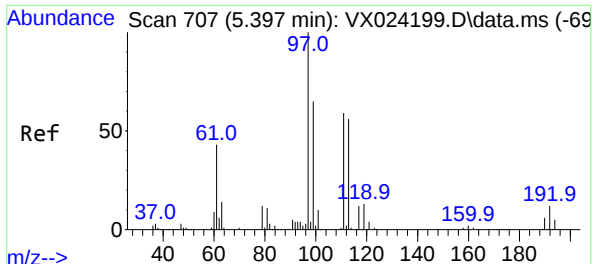


#34

1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 6.769 min Scan# 932  
Delta R.T. 0.000 min  
Lab File: VX024361.D  
Acq: 20 Sep 2021 19:14

Tgt Ion: 114 Resp: 234774  
Ion Ratio Lower Upper  
114 100  
63 21.0 0.0 40.8  
88 16.7 0.0 32.8

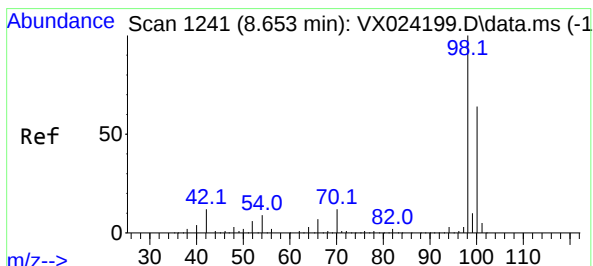
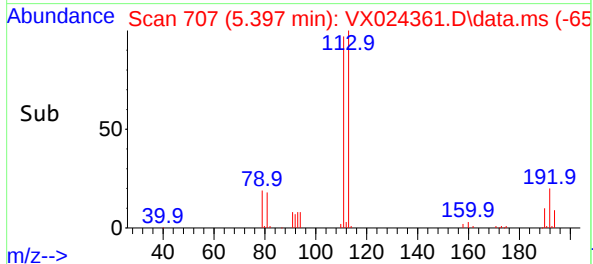
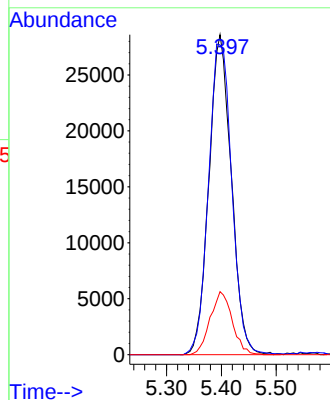
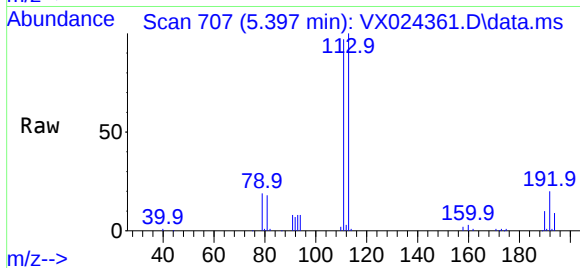




#35  
Dibromofluoromethane  
Concen: 51.509 ug/l  
RT: 5.397 min Scan# 707  
Delta R.T. 0.000 min  
Lab File: VX024361.D  
Acq: 20 Sep 2021 19:14

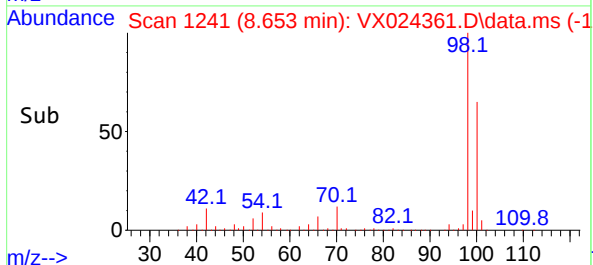
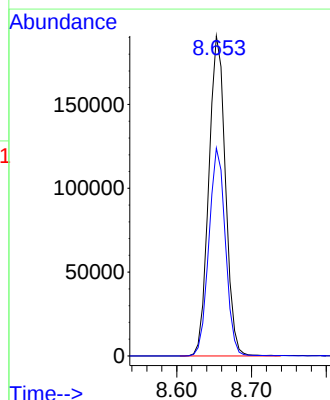
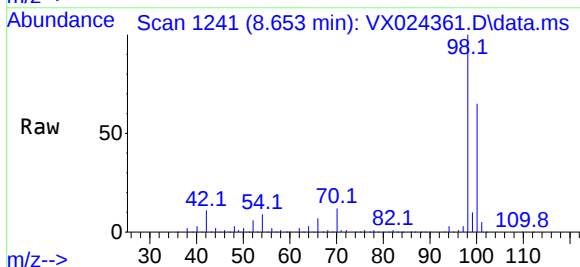
Instrument :  
MSVOA\_X  
ClientSampleId :  
BP-TT-VPB-RW7-GW-885-887

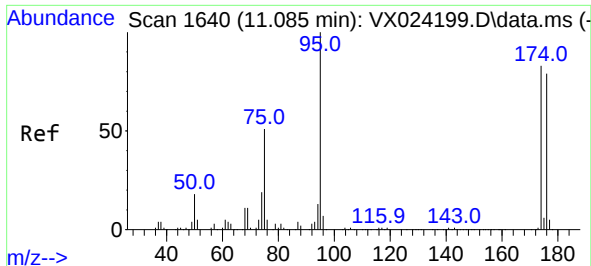
Tgt Ion:113 Resp: 81100  
Ion Ratio Lower Upper  
113 100  
111 101.5 81.9 122.9  
192 19.4 16.7 25.1



#50  
Toluene-d8  
Concen: 51.638 ug/l  
RT: 8.653 min Scan# 1241  
Delta R.T. -0.000 min  
Lab File: VX024361.D  
Acq: 20 Sep 2021 19:14

Tgt Ion: 98 Resp: 296185  
Ion Ratio Lower Upper  
98 100  
100 64.2 51.9 77.9

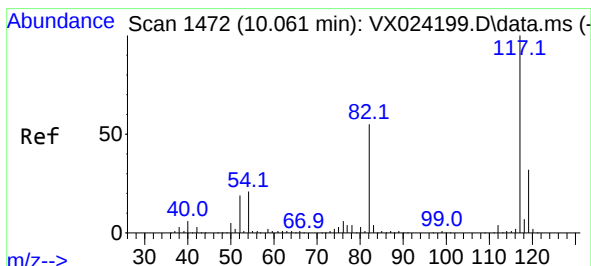
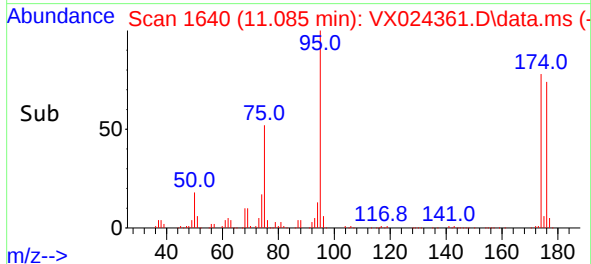
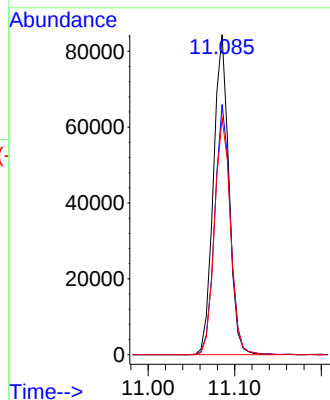
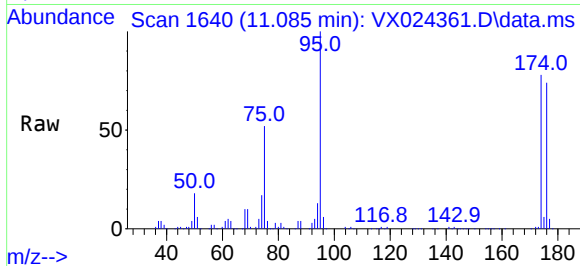




#62  
4-Bromofluorobenzene  
Concen: 47.103 ug/l  
RT: 11.085 min Scan# 1640  
Delta R.T. 0.000 min  
Lab File: VX024361.D  
Acq: 20 Sep 2021 19:14

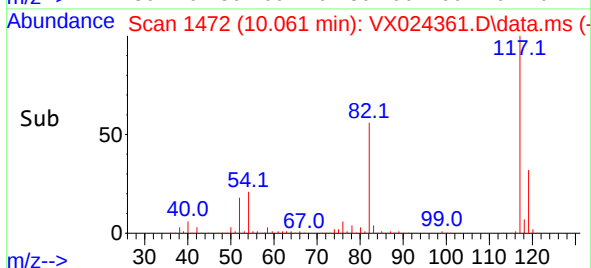
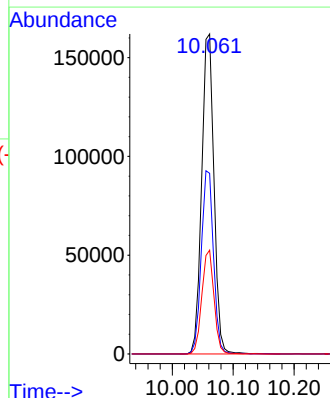
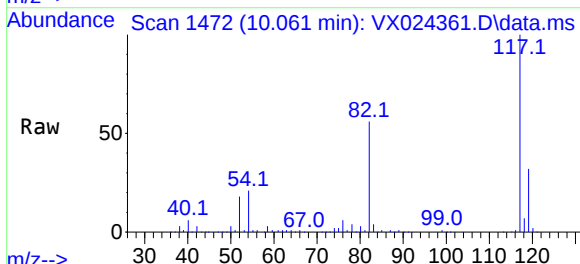
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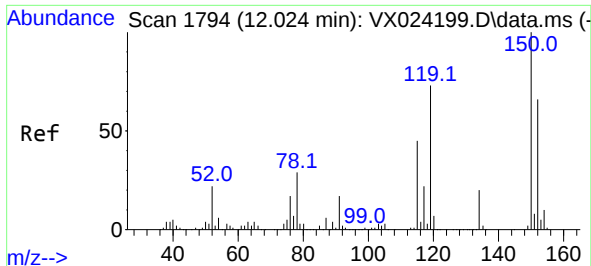
Tgt Ion: 95 Resp: 105143  
Ion Ratio Lower Upper  
95 100  
174 78.9 0.0 154.6  
176 76.2 0.0 155.8



#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.061 min Scan# 1472  
Delta R.T. 0.000 min  
Lab File: VX024361.D  
Acq: 20 Sep 2021 19:14

Tgt Ion: 117 Resp: 226920  
Ion Ratio Lower Upper  
117 100  
82 56.4 47.4 71.2  
119 32.4 26.6 39.8





#72  
 1,4-Dichlorobenzene-d4  
 Concen: 50.000 ug/l  
 RT: 12.024 min Scan# 1794  
 Delta R.T. 0.000 min  
 Lab File: VX024361.D  
 Acq: 20 Sep 2021 19:14

Instrument :  
 MSVOA\_X  
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Tgt Ion:152 Resp: 92335  
 Ion Ratio Lower Upper  
 152 100  
 115 59.1 41.1 123.3  
 150 156.6 0.0 349.0

