

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX110222\  
 Data File : VX032534.D  
 Acq On : 02 Nov 2022 13:43  
 Operator : JC/MD  
 Sample : N5420-03  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 RW8-PT-OUT01-11012022

Quant Time: Nov 03 03:11:28 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X102622W.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Oct 27 08:28:06 2022  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon  | Response | Conc     | Units | Dev(Min) |
|-----------------------------|--------|-------|----------|----------|-------|----------|
| -----                       |        |       |          |          |       |          |
| Internal Standards          |        |       |          |          |       |          |
| 1) Pentafluorobenzene       | 5.556  | 168   | 118115   | 50.000   | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene     | 6.763  | 114   | 194911   | 50.000   | ug/l  | 0.00     |
| 63) Chlorobenzene-d5        | 10.055 | 117   | 174700   | 50.000   | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 12.024 | 152   | 82828    | 50.000   | ug/l  | 0.00     |
| System Monitoring Compounds |        |       |          |          |       |          |
| 33) 1,2-Dichloroethane-d4   | 5.958  | 65    | 80760    | 49.209   | ug/l  | 0.00     |
| Spiked Amount               | 50.000 | Range | 78 - 117 | Recovery | =     | 98.420%  |
| 35) Dibromofluoromethane    | 5.385  | 113   | 64223    | 46.193   | ug/l  | 0.00     |
| Spiked Amount               | 50.000 | Range | 75 - 124 | Recovery | =     | 92.380%  |
| 50) Toluene-d8              | 8.653  | 98    | 232166   | 48.023   | ug/l  | 0.00     |
| Spiked Amount               | 50.000 | Range | 92 - 112 | Recovery | =     | 96.040%  |
| 62) 4-Bromofluorobenzene    | 11.079 | 95    | 89611    | 47.452   | ug/l  | 0.00     |
| Spiked Amount               | 50.000 | Range | 83 - 123 | Recovery | =     | 94.900%  |

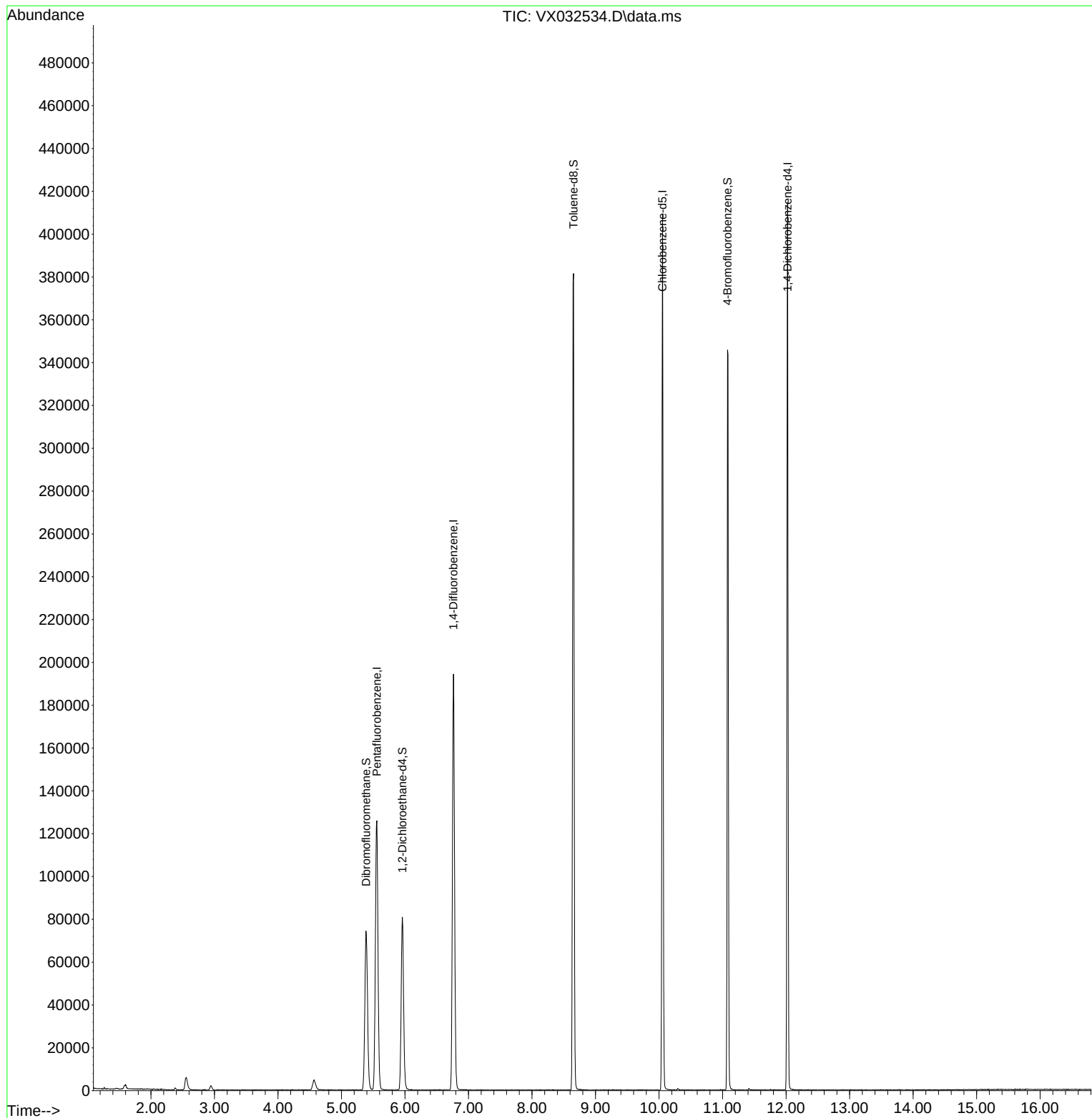
Target Compounds Qvalue

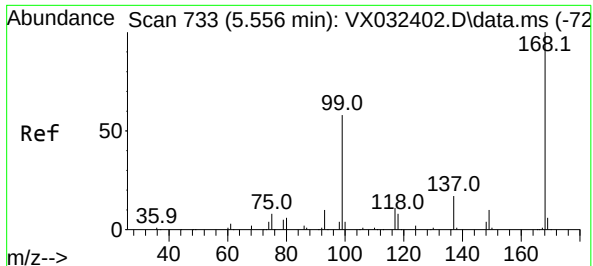
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 (#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260  
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Response via : Initial Calibration

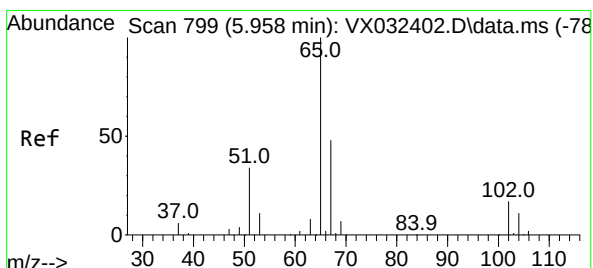
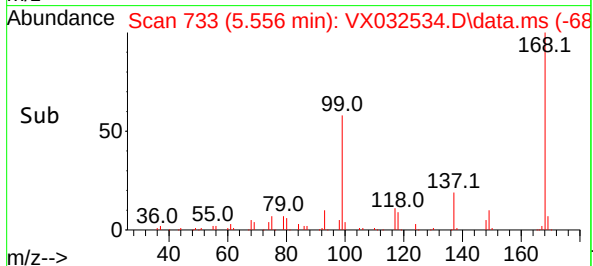
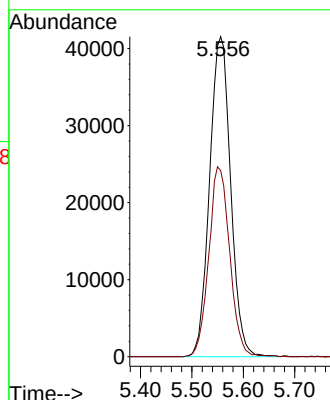
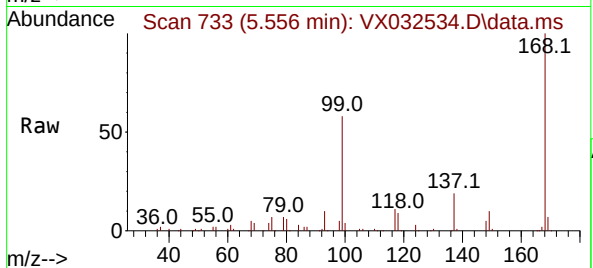




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.556 min Scan# 711  
Delta R.T. -0.000 min  
Lab File: VX032534.D  
Acq: 02 Nov 2022 13:43

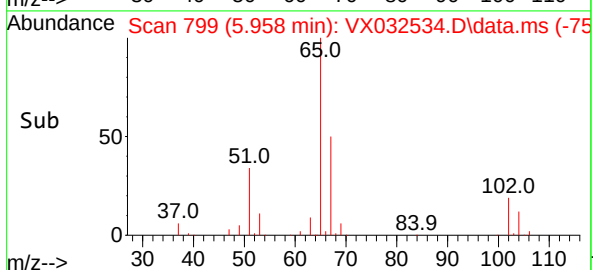
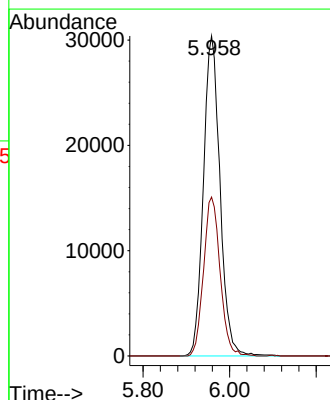
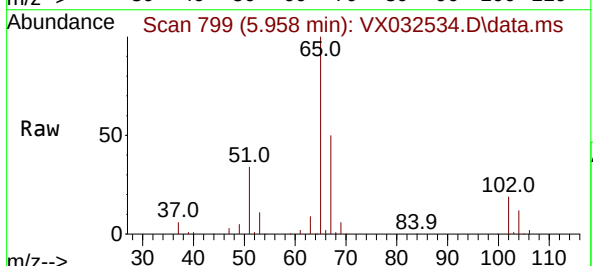
Instrument :  
MSVOA\_X  
ClientSampleId :  
RW8-PT-OUT01-11012022

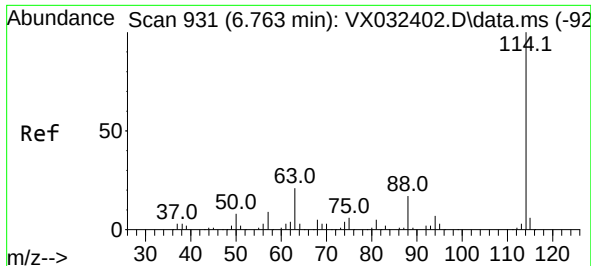
Tgt Ion:168 Resp: 118115  
Ion Ratio Lower Upper  
168 100  
99 58.2 46.1 69.1



#33  
1,2-Dichloroethane-d4  
Concen: 49.209 ug/l  
RT: 5.958 min Scan# 799  
Delta R.T. 0.000 min  
Lab File: VX032534.D  
Acq: 02 Nov 2022 13:43

Tgt Ion: 65 Resp: 80760  
Ion Ratio Lower Upper  
65 100  
67 49.6 0.0 101.8

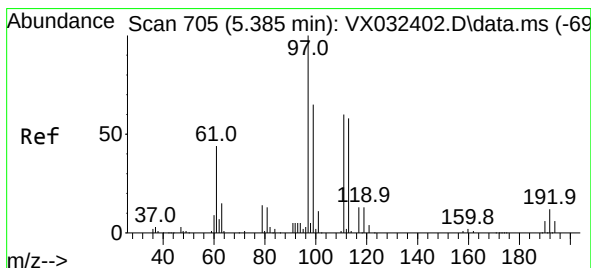
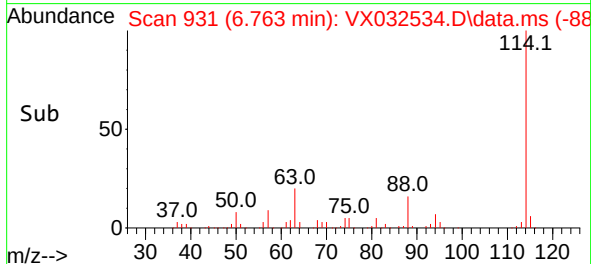
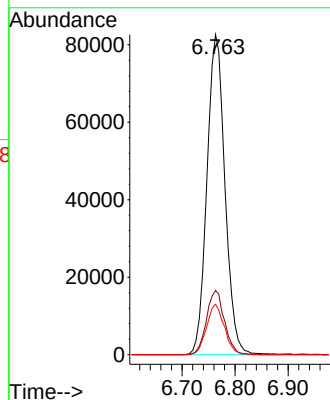
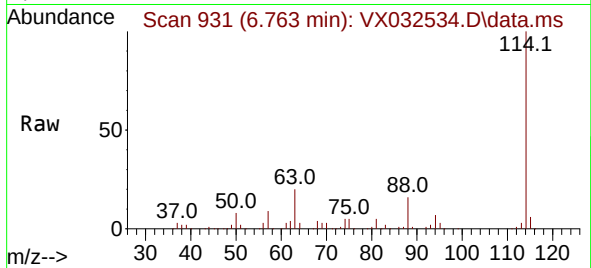




#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 6.763 min Scan# 911  
Delta R.T. 0.000 min  
Lab File: VX032534.D  
Acq: 02 Nov 2022 13:43

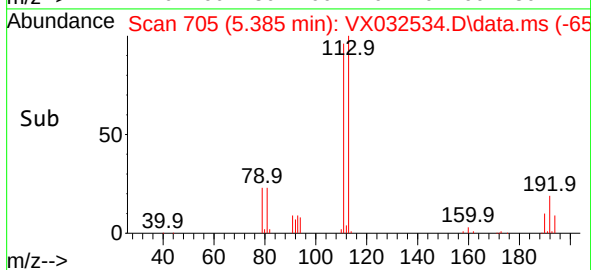
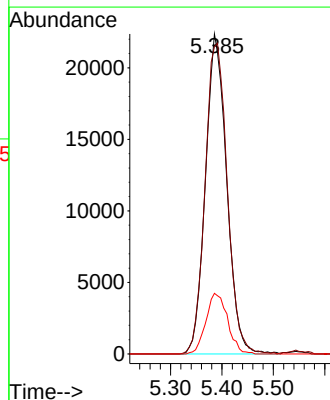
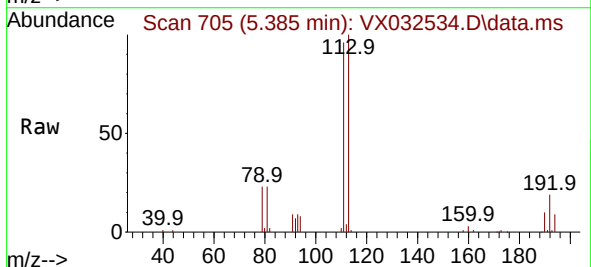
Instrument :  
MSVOA\_X  
ClientSampleId :  
RW8-PT-OUT01-11012022

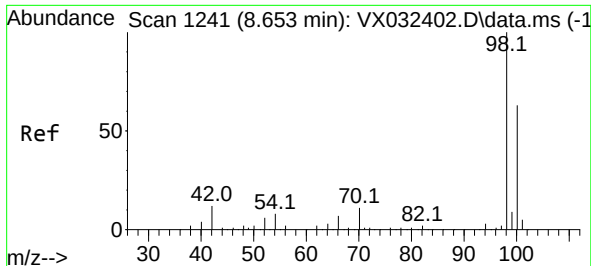
Tgt Ion:114 Resp: 194911  
Ion Ratio Lower Upper  
114 100  
63 20.0 0.0 41.6  
88 15.7 0.0 33.4



#35  
Dibromofluoromethane  
Concen: 46.193 ug/l  
RT: 5.385 min Scan# 705  
Delta R.T. 0.000 min  
Lab File: VX032534.D  
Acq: 02 Nov 2022 13:43

Tgt Ion:113 Resp: 64223  
Ion Ratio Lower Upper  
113 100  
111 101.7 82.4 123.6  
192 19.3 15.4 23.2

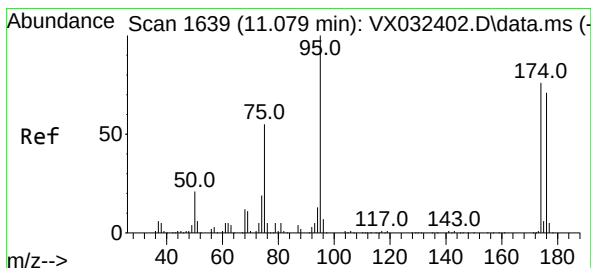
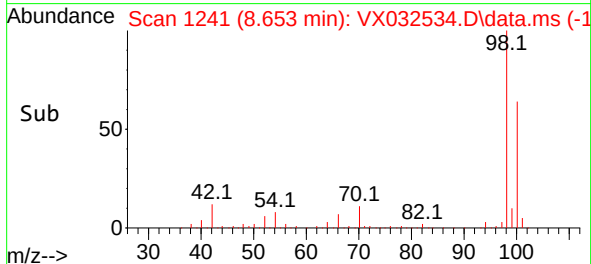
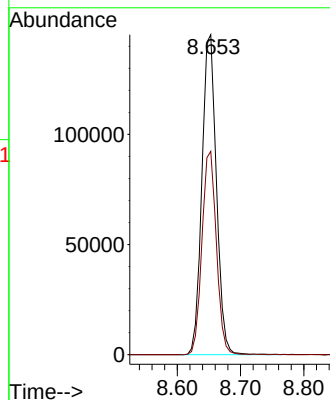
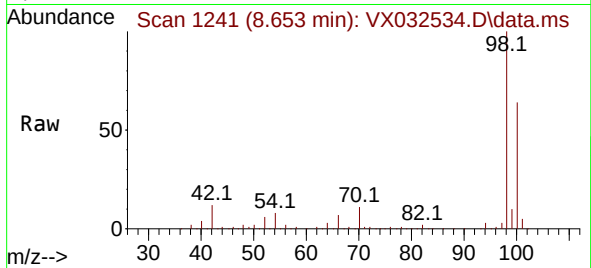




#50  
Toluene-d8  
Concen: 48.023 ug/l  
RT: 8.653 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VX032534.D  
Acq: 02 Nov 2022 13:43

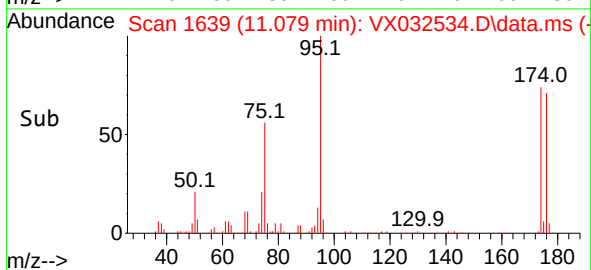
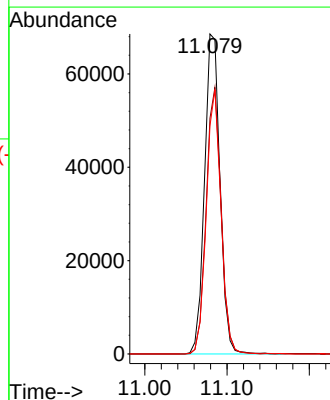
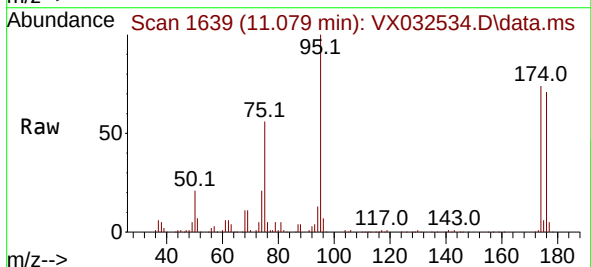
Instrument :  
MSVOA\_X  
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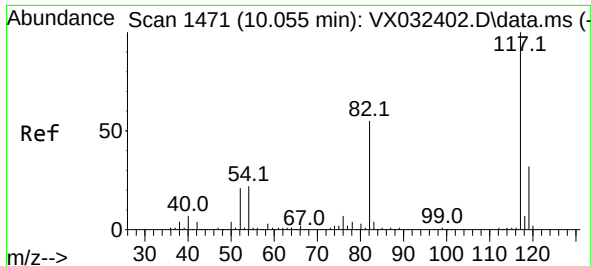
Tgt Ion: 98 Resp: 232166  
Ion Ratio Lower Upper  
98 100  
100 63.2 50.9 76.3



#62  
4-Bromofluorobenzene  
Concen: 47.452 ug/l  
RT: 11.079 min Scan# 1639  
Delta R.T. 0.000 min  
Lab File: VX032534.D  
Acq: 02 Nov 2022 13:43

Tgt Ion: 95 Resp: 89611  
Ion Ratio Lower Upper  
95 100  
174 81.0 0.0 164.0  
176 78.4 0.0 154.4

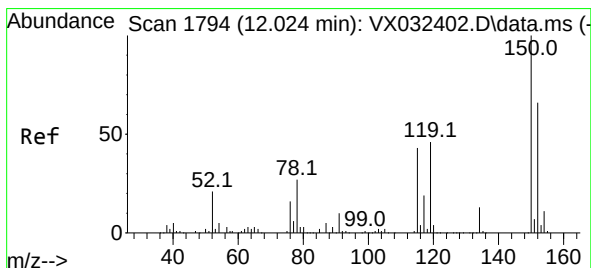
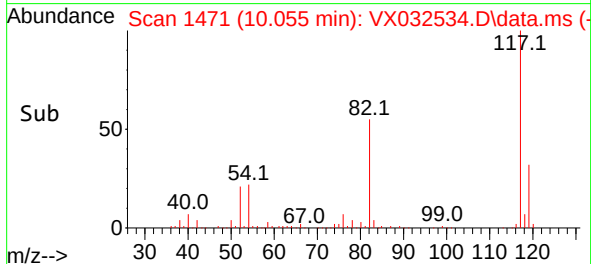
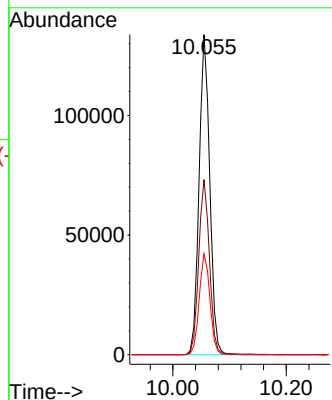
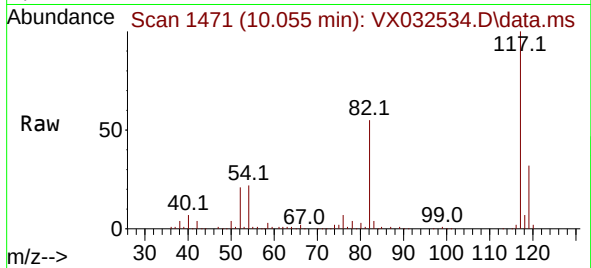




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.055 min Scan# 1471  
Delta R.T. 0.000 min  
Lab File: VX032534.D  
Acq: 02 Nov 2022 13:43

Instrument :  
MSVOA\_X  
ClientSampleId :  
RW8-PT-OUT01-11012022

Tgt Ion:117 Resp: 174700  
Ion Ratio Lower Upper  
117 100  
82 54.7 44.3 66.5  
119 31.6 25.7 38.5



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 12.024 min Scan# 1794  
Delta R.T. 0.000 min  
Lab File: VX032534.D  
Acq: 02 Nov 2022 13:43

Tgt Ion:152 Resp: 82828  
Ion Ratio Lower Upper  
152 100  
115 59.2 44.0 132.0  
150 154.7 0.0 351.8

