

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX042922\  
 Data File : VX028461.D  
 Acq On : 30 Apr 2022 06:32  
 Operator : JC/MD  
 Sample : N2600-02  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 53 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 MH-15S

Quant Time: Apr 30 09:25:02 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X041922W.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Apr 19 13:38:04 2022  
 Response via : Initial Calibration

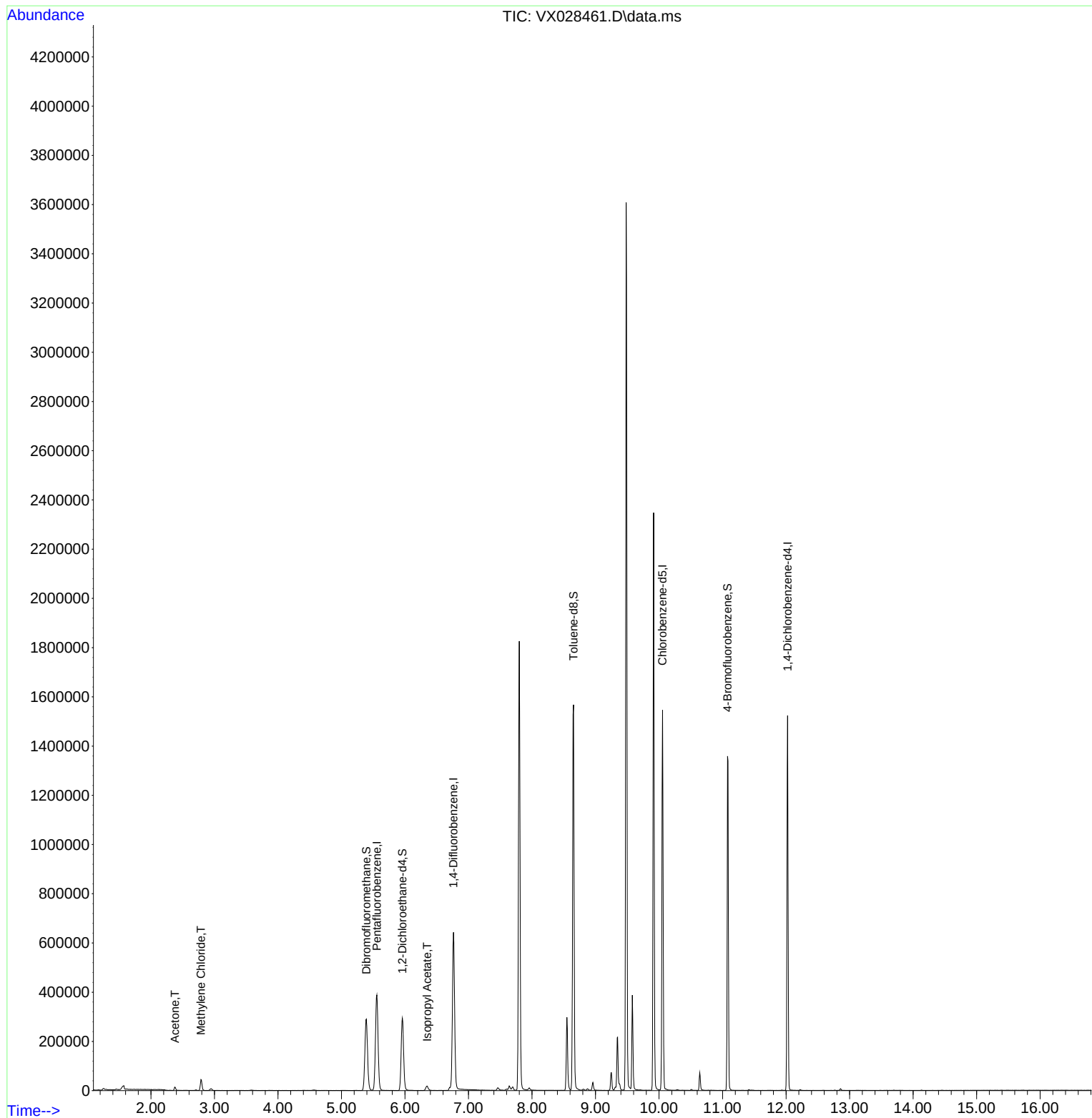
| Compound                    | R.T. QIon |       | Response | Conc     | Units | Dev(Min) |
|-----------------------------|-----------|-------|----------|----------|-------|----------|
| -----                       |           |       |          |          |       |          |
| Internal Standards          |           |       |          |          |       |          |
| 1) Pentafluorobenzene       | 5.556     | 168   | 377077   | 50.000   | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene     | 6.763     | 114   | 672704   | 50.000   | ug/l  | 0.00     |
| 63) Chlorobenzene-d5        | 10.055    | 117   | 698711   | 50.000   | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 12.024    | 152   | 316690   | 50.000   | ug/l  | 0.00     |
| System Monitoring Compounds |           |       |          |          |       |          |
| 33) 1,2-Dichloroethane-d4   | 5.958     | 65    | 284031   | 57.769   | ug/l  | 0.00     |
| Spiked Amount               | 50.000    | Range | 61 - 141 | Recovery | =     | 115.540% |
| 35) Dibromofluoromethane    | 5.391     | 113   | 254609   | 53.970   | ug/l  | 0.00     |
| Spiked Amount               | 50.000    | Range | 69 - 133 | Recovery | =     | 107.940% |
| 50) Toluene-d8              | 8.653     | 98    | 965643   | 53.293   | ug/l  | 0.00     |
| Spiked Amount               | 50.000    | Range | 65 - 126 | Recovery | =     | 106.580% |
| 62) 4-Bromofluorobenzene    | 11.079    | 95    | 354445   | 51.160   | ug/l  | 0.00     |
| Spiked Amount               | 50.000    | Range | 58 - 135 | Recovery | =     | 102.320% |
| Target Compounds            |           |       |          |          |       |          |
|                             |           |       |          |          |       | Qvalue   |
| 16) Acetone                 | 2.380     | 43    | 13920    | 7.918    | ug/l  | 99       |
| 20) Methylene Chloride      | 2.788     | 84    | 20479    | 5.614    | ug/l  | 94       |
| 43) Isopropyl Acetate       | 6.348     | 43    | 24599    | 2.421    | ug/l  | 99       |
| -----                       |           |       |          |          |       |          |

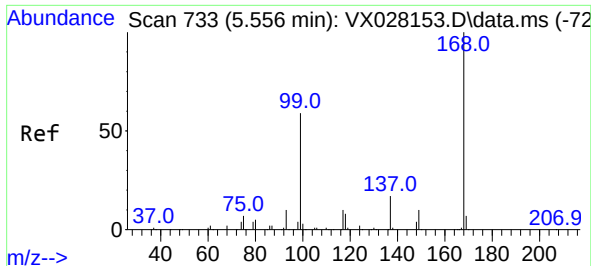
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Apr 30 09:25:02 2022  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X041922W.M  
Quant Title : SW846 8260  
QLast Update : Tue Apr 19 13:38:04 2022  
Response via : Initial Calibration

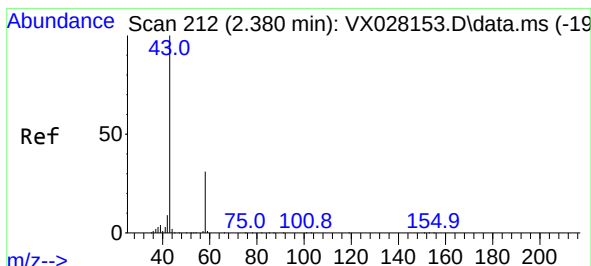
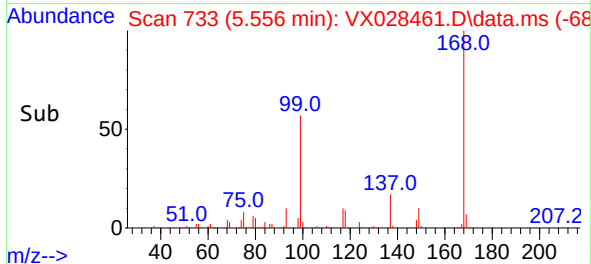
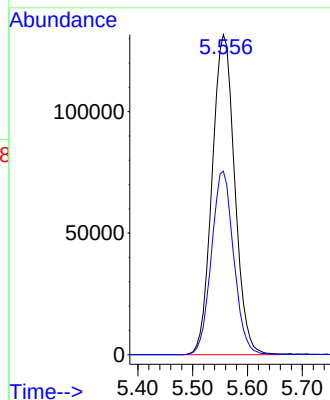
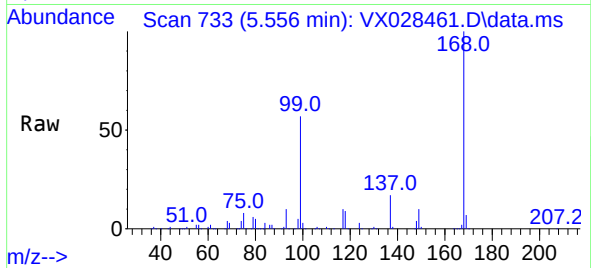




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.556 min Scan# 71  
Delta R.T. -0.000 min  
Lab File: VX028461.D  
Acq: 30 Apr 2022 06:32

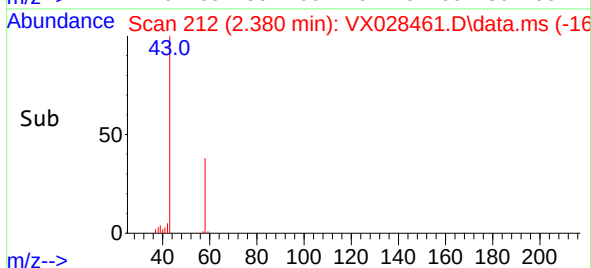
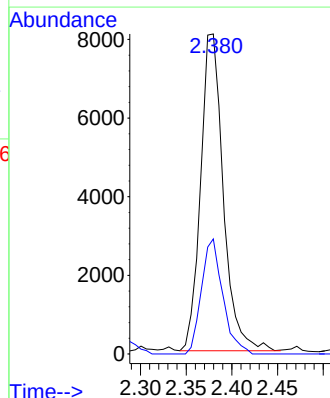
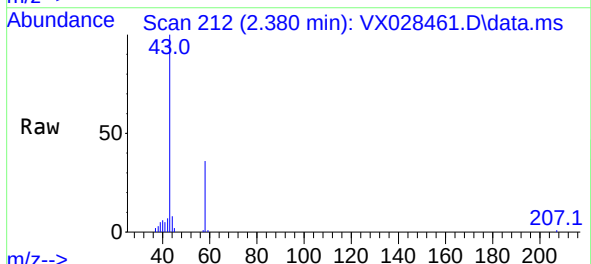
Instrument :  
MSVOA\_X  
ClientSampleId :  
MH-15S

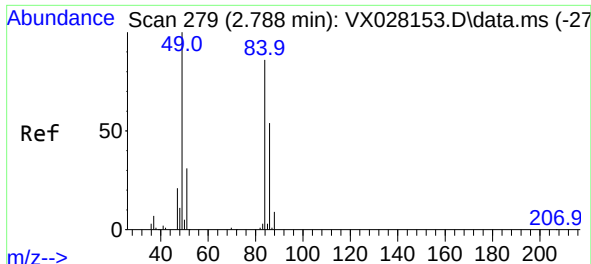
Tgt Ion:168 Resp: 377077  
Ion Ratio Lower Upper  
168 100  
99 57.3 41.7 62.5



#16  
Acetone  
Concen: 7.918 ug/l  
RT: 2.380 min Scan# 212  
Delta R.T. -0.000 min  
Lab File: VX028461.D  
Acq: 30 Apr 2022 06:32

Tgt Ion: 43 Resp: 13920  
Ion Ratio Lower Upper  
43 100  
58 36.3 28.8 43.2



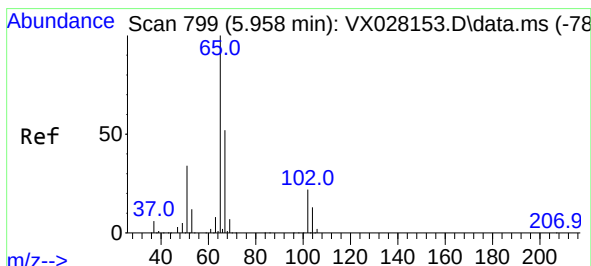
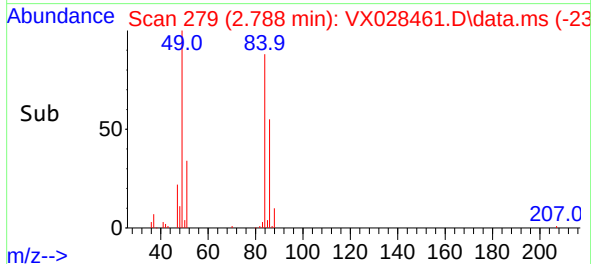
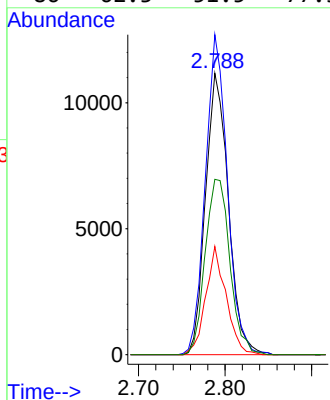
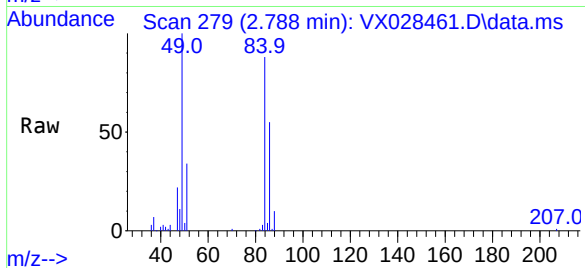


#20  
Methylene Chloride  
Concen: 5.614 ug/l  
RT: 2.788 min Scan# 21  
Delta R.T. 0.000 min  
Lab File: VX028461.D  
Acq: 30 Apr 2022 06:32

Instrument :  
MSVOA\_X  
ClientSampleId :  
MH-15S

Tgt Ion: 84 Resp: 20479

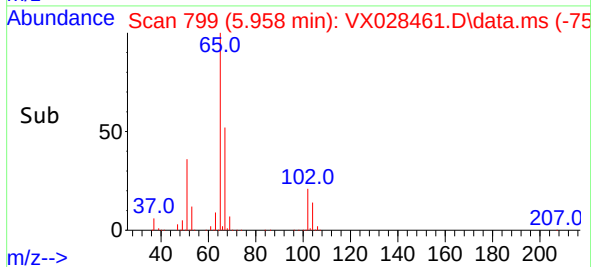
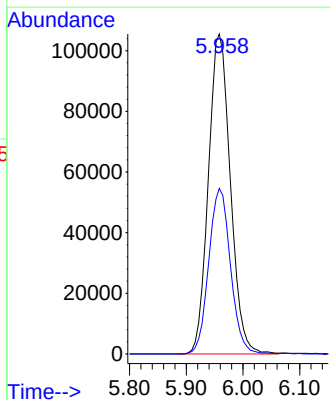
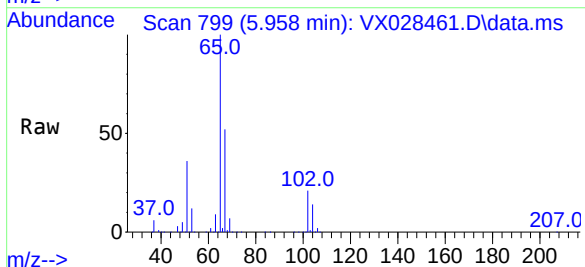
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 84  | 100   |       |       |
| 49  | 113.7 | 85.5  | 128.3 |
| 51  | 38.4  | 26.6  | 39.8  |
| 86  | 62.3  | 51.5  | 77.3  |

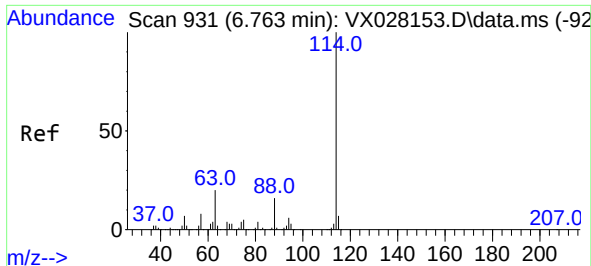


#33  
1,2-Dichloroethane-d4  
Concen: 57.769 ug/l  
RT: 5.958 min Scan# 799  
Delta R.T. 0.000 min  
Lab File: VX028461.D  
Acq: 30 Apr 2022 06:32

Tgt Ion: 65 Resp: 284031

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 65  | 100   |       |       |
| 67  | 51.1  | 0.0   | 107.4 |

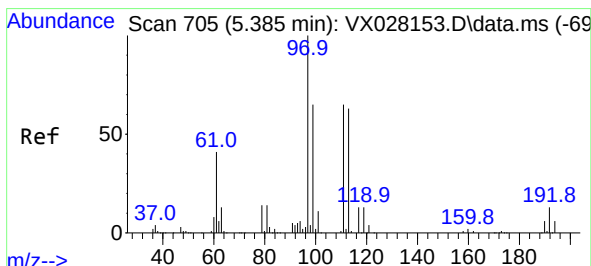
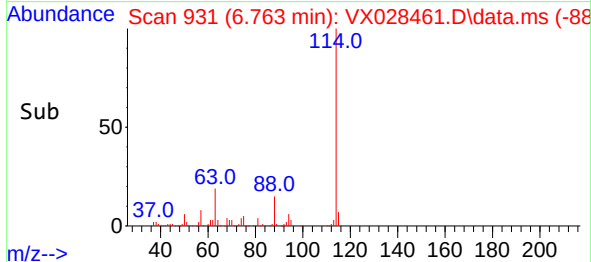
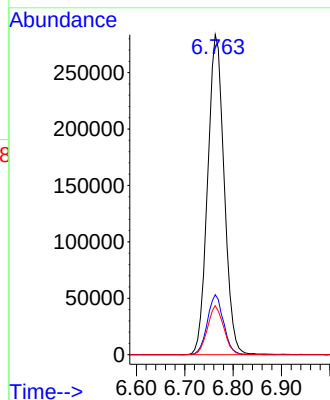
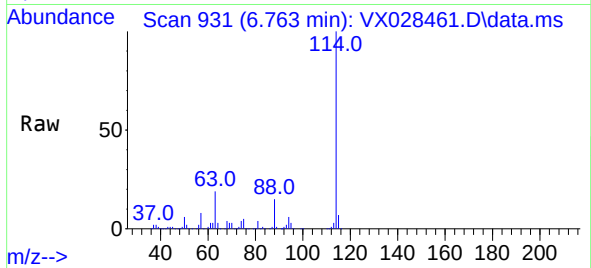




#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 6.763 min Scan# 91  
Delta R.T. 0.000 min  
Lab File: VX028461.D  
Acq: 30 Apr 2022 06:32

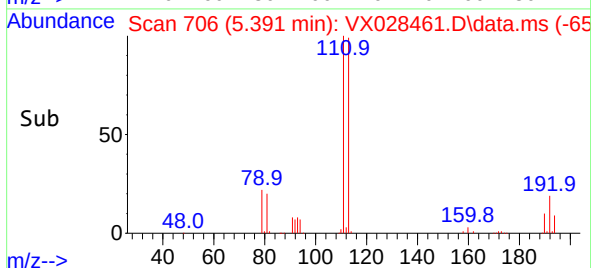
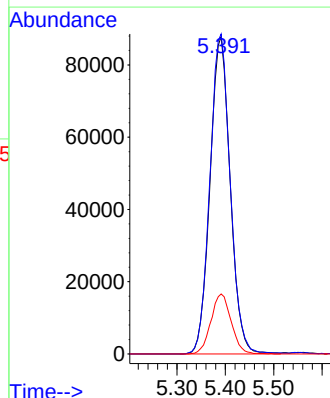
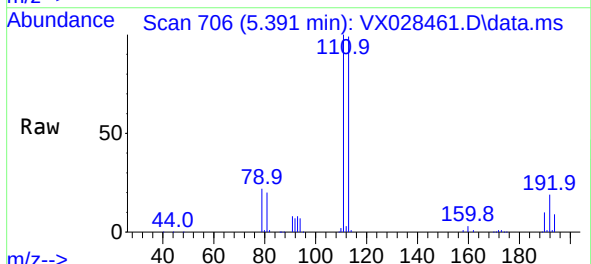
Instrument :  
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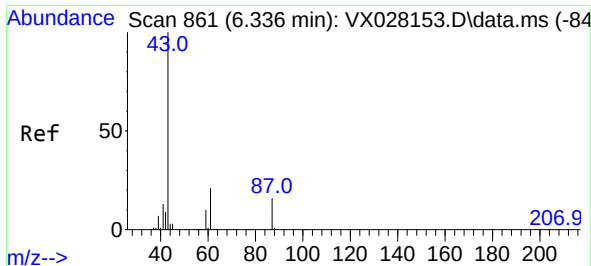
Tgt Ion:114 Resp: 672704  
Ion Ratio Lower Upper  
114 100  
63 18.8 0.0 36.8  
88 15.3 0.0 32.4



#35  
Dibromofluoromethane  
Concen: 53.970 ug/l  
RT: 5.391 min Scan# 706  
Delta R.T. 0.006 min  
Lab File: VX028461.D  
Acq: 30 Apr 2022 06:32

Tgt Ion:113 Resp: 254609  
Ion Ratio Lower Upper  
113 100  
111 101.6 82.8 124.2  
192 19.0 16.9 25.3

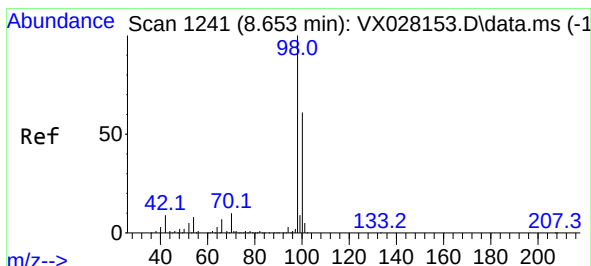
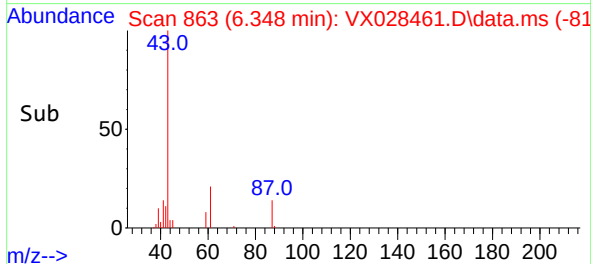
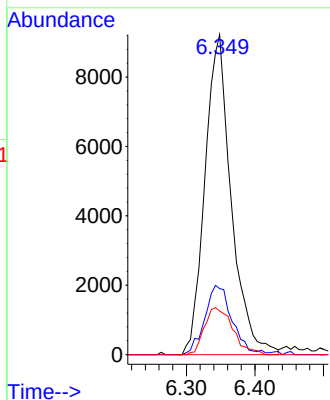
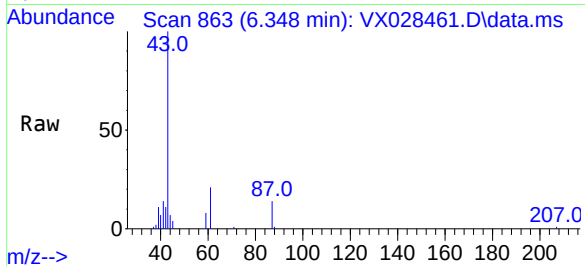




#43  
Isopropyl Acetate  
Concen: 2.421 ug/l  
RT: 6.348 min Scan# 863  
Delta R.T. 0.012 min  
Lab File: VX028461.D  
Acq: 30 Apr 2022 06:32

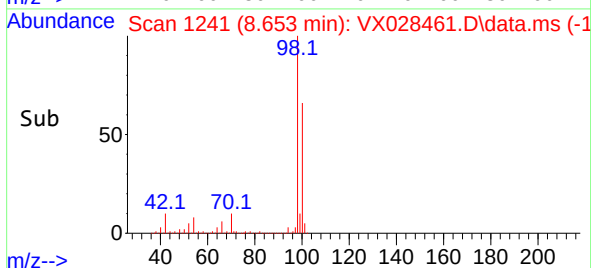
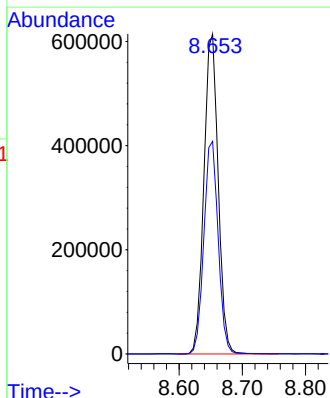
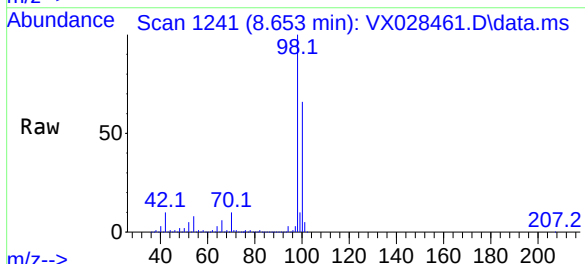
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ClientSampleId :  
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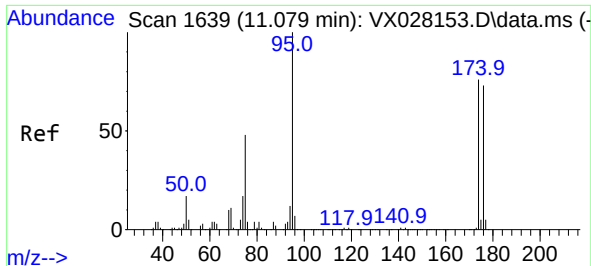
Tgt Ion: 43 Resp: 24599  
Ion Ratio Lower Upper  
43 100  
61 22.5 18.5 27.7  
87 15.9 13.0 19.6



#50  
Toluene-d8  
Concen: 53.293 ug/l  
RT: 8.653 min Scan# 1241  
Delta R.T. -0.000 min  
Lab File: VX028461.D  
Acq: 30 Apr 2022 06:32

Tgt Ion: 98 Resp: 965643  
Ion Ratio Lower Upper  
98 100  
100 66.6 52.6 78.8

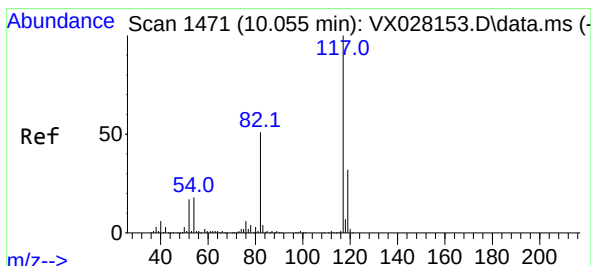
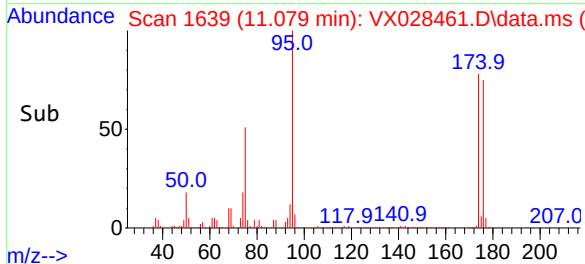
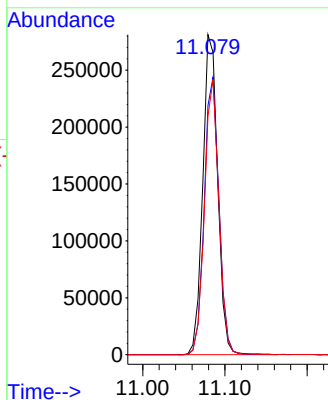
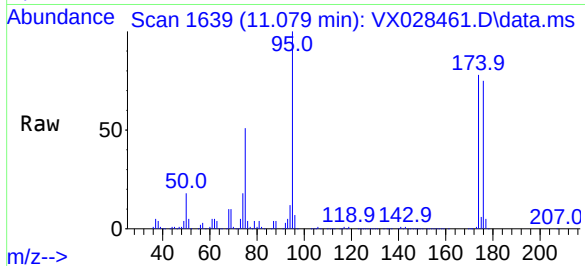




#62  
4-Bromofluorobenzene  
Concen: 51.160 ug/l  
RT: 11.079 min Scan# 1639  
Delta R.T. 0.000 min  
Lab File: VX028461.D  
Acq: 30 Apr 2022 06:32

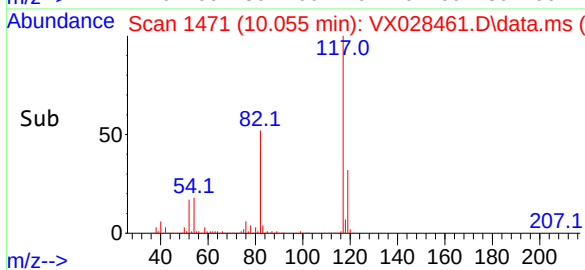
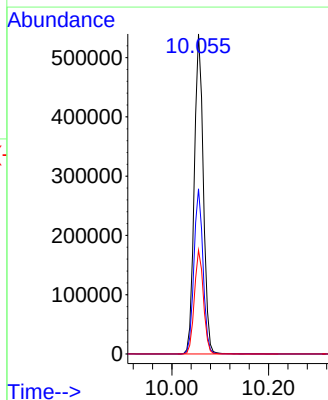
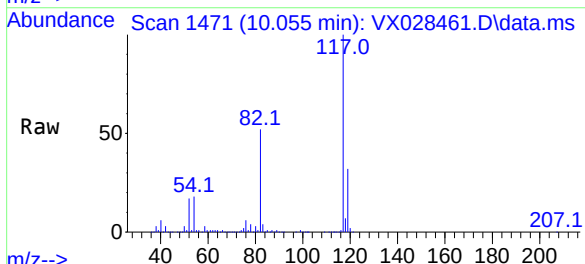
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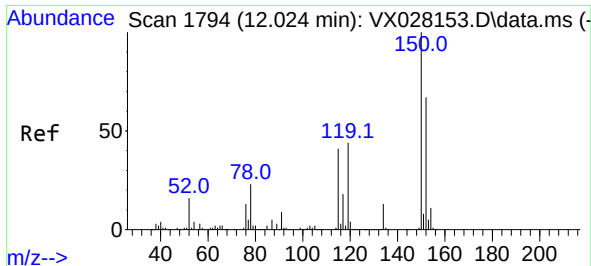
Tgt Ion: 95 Resp: 354445  
Ion Ratio Lower Upper  
95 100  
174 85.5 0.0 163.0  
176 83.3 0.0 155.0



#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.055 min Scan# 1471  
Delta R.T. 0.000 min  
Lab File: VX028461.D  
Acq: 30 Apr 2022 06:32

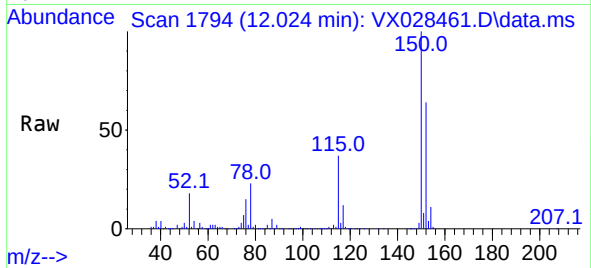
Tgt Ion: 117 Resp: 698711  
Ion Ratio Lower Upper  
117 100  
82 51.6 41.8 62.8  
119 32.4 24.8 37.2





#72  
 1,4-Dichlorobenzene-d4  
 Concen: 50.000 ug/l  
 RT: 12.024 min Scan# 11  
 Delta R.T. 0.000 min  
 Lab File: VX028461.D  
 Acq: 30 Apr 2022 06:32

Instrument :  
 MSVOA\_X  
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Tgt Ion:152 Resp: 316690  
 Ion Ratio Lower Upper  
 152 100  
 115 58.5 37.5 112.7  
 150 156.5 0.0 338.2

