

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX083121\  
 Data File : VX024042.D  
 Acq On : 31 Aug 2021 14:25  
 Operator : JC/MD  
 Sample : M3584-11  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 ROOF-DRAIN-20210827

Quant Time: Sep 01 05:02:20 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X081721W.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Aug 17 11:57:51 2021  
 Response via : Initial Calibration

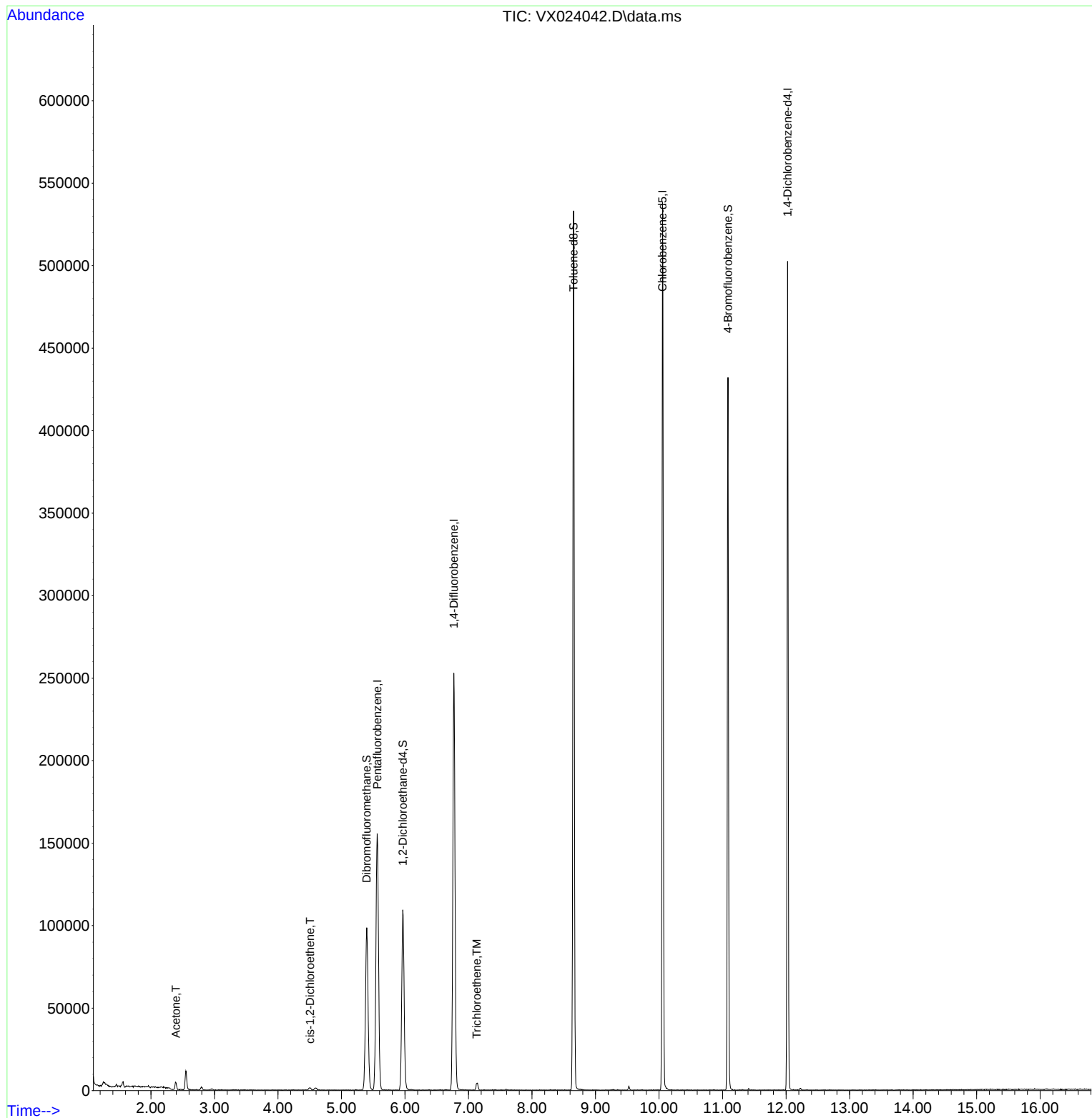
| Compound                    | R.T. QIon |       | Response | Conc     | Units      | Dev(Min) |
|-----------------------------|-----------|-------|----------|----------|------------|----------|
| -----                       |           |       |          |          |            |          |
| Internal Standards          |           |       |          |          |            |          |
| 1) Pentafluorobenzene       | 5.562     | 168   | 142977   | 50.000   | ug/l       | 0.00     |
| 34) 1,4-Difluorobenzene     | 6.769     | 114   | 246005   | 50.000   | ug/l       | 0.00     |
| 63) Chlorobenzene-d5        | 10.055    | 117   | 231324   | 50.000   | ug/l       | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 12.024    | 152   | 97678    | 50.000   | ug/l       | 0.00     |
| System Monitoring Compounds |           |       |          |          |            |          |
| 33) 1,2-Dichloroethane-d4   | 5.964     | 65    | 107543   | 53.893   | ug/l       | 0.00     |
| Spiked Amount               | 50.000    | Range | 78 - 117 | Recovery | = 107.780% |          |
| 35) Dibromofluoromethane    | 5.397     | 113   | 82632    | 50.749   | ug/l       | 0.00     |
| Spiked Amount               | 50.000    | Range | 75 - 124 | Recovery | = 101.500% |          |
| 50) Toluene-d8              | 8.653     | 98    | 301208   | 48.604   | ug/l       | 0.00     |
| Spiked Amount               | 50.000    | Range | 92 - 112 | Recovery | = 97.200%  |          |
| 62) 4-Bromofluorobenzene    | 11.085    | 95    | 109085   | 47.816   | ug/l       | 0.00     |
| Spiked Amount               | 50.000    | Range | 83 - 123 | Recovery | = 95.640%  |          |
| Target Compounds            |           |       |          |          |            |          |
|                             |           |       |          |          |            | Qvalue   |
| 16) Acetone                 | 2.392     | 43    | 5179     | 5.804    | ug/l       | 88       |
| 27) cis-1,2-Dichloroethene  | 4.507     | 96    | 856      | 0.491    | ug/l       | 87       |
| 44) Trichloroethene         | 7.129     | 130   | 1892     | 1.017    | ug/l       | 78       |
| -----                       |           |       |          |          |            |          |

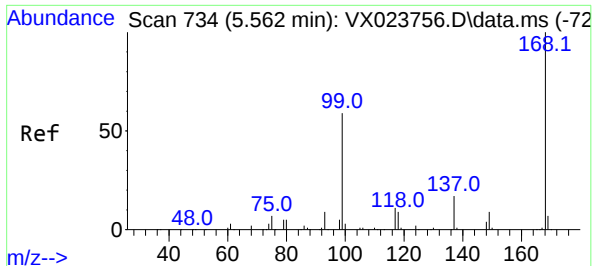
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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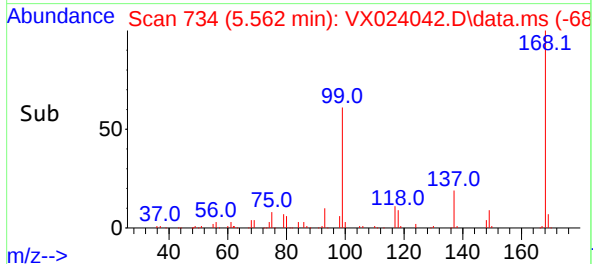
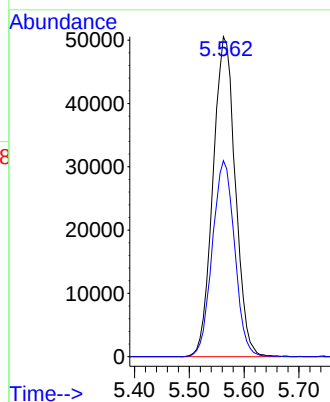
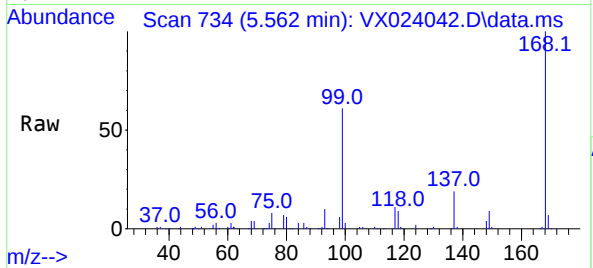




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.562 min Scan# 734  
Delta R.T. 0.000 min  
Lab File: VX024042.D  
Acq: 31 Aug 2021 14:25

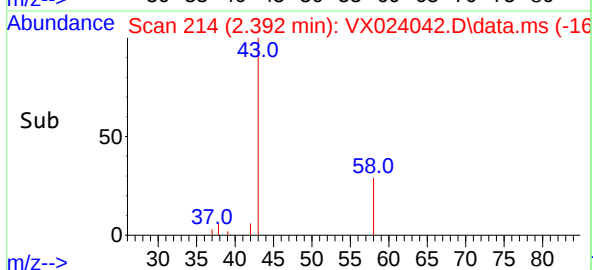
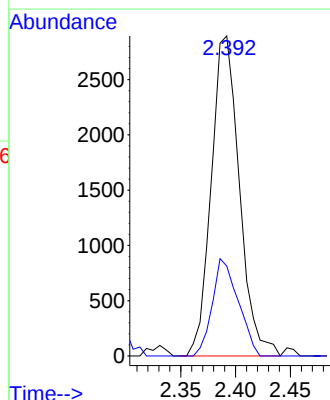
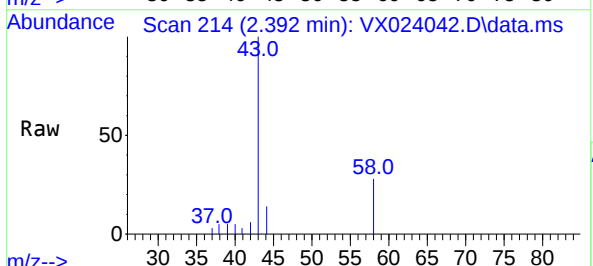
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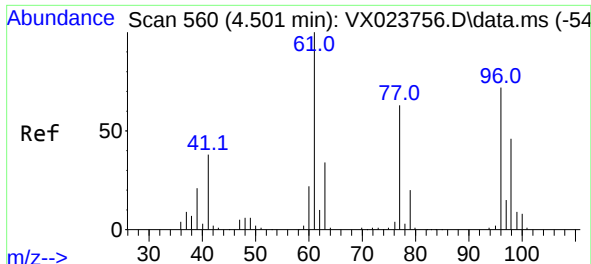
Tgt Ion:168 Resp: 142977  
Ion Ratio Lower Upper  
168 100  
99 61.3 45.8 68.6



#16  
Acetone  
Concen: 5.804 ug/l  
RT: 2.392 min Scan# 214  
Delta R.T. -0.000 min  
Lab File: VX024042.D  
Acq: 31 Aug 2021 14:25

Tgt Ion: 43 Resp: 5179  
Ion Ratio Lower Upper  
43 100  
58 28.1 27.8 41.8

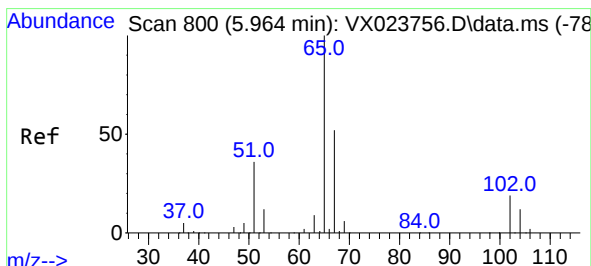
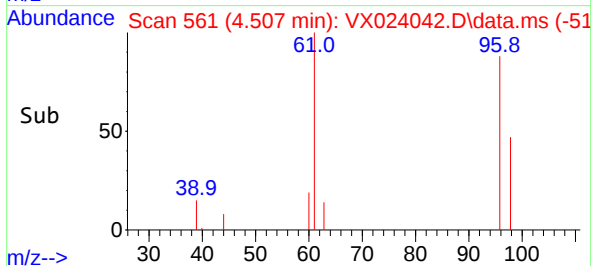
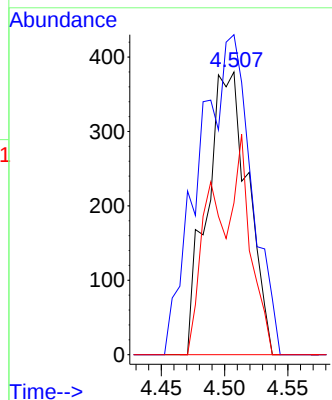
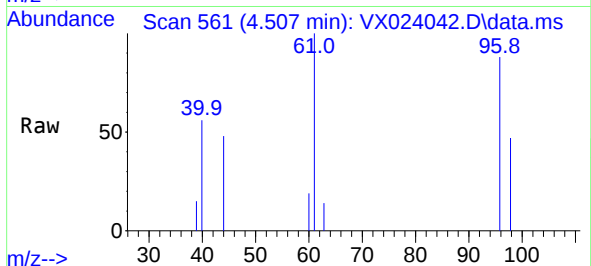




#27  
 cis-1,2-Dichloroethene  
 Concen: 0.491 ug/l  
 RT: 4.507 min Scan# 561  
 Delta R.T. 0.006 min  
 Lab File: VX024042.D  
 Acq: 31 Aug 2021 14:25

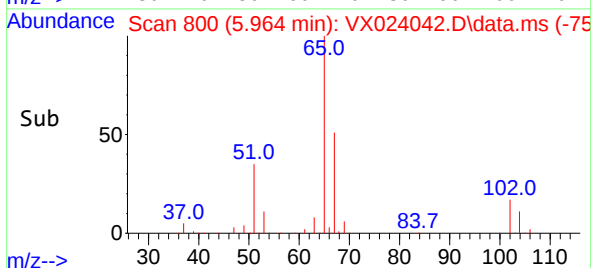
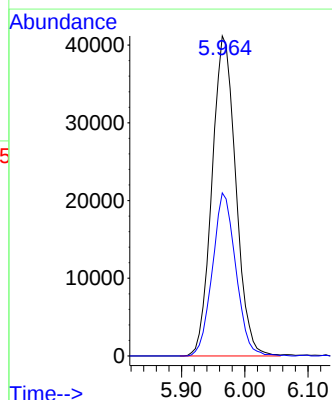
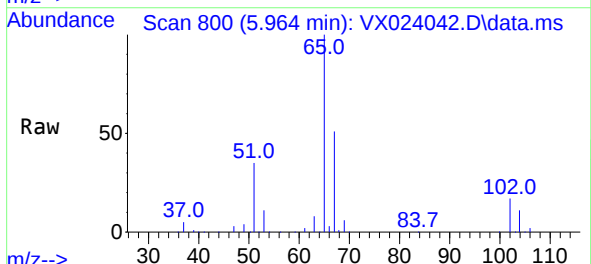
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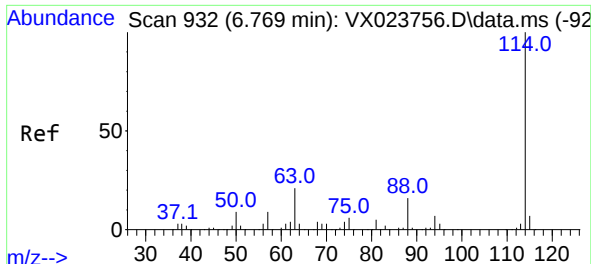
Tgt Ion: 96 Resp: 856  
 Ion Ratio Lower Upper  
 96 100  
 61 145.0 0.0 285.6  
 98 33.9 0.0 129.6



#33  
 1,2-Dichloroethane-d4  
 Concen: 53.893 ug/l  
 RT: 5.964 min Scan# 800  
 Delta R.T. 0.000 min  
 Lab File: VX024042.D  
 Acq: 31 Aug 2021 14:25

Tgt Ion: 65 Resp: 107543  
 Ion Ratio Lower Upper  
 65 100  
 67 50.1 0.0 105.4

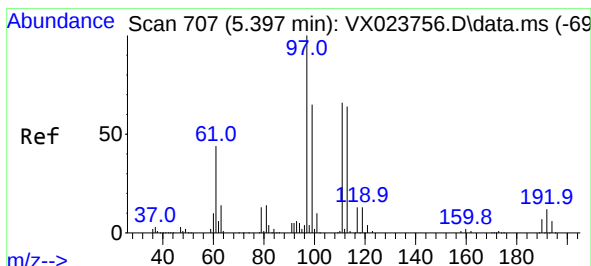
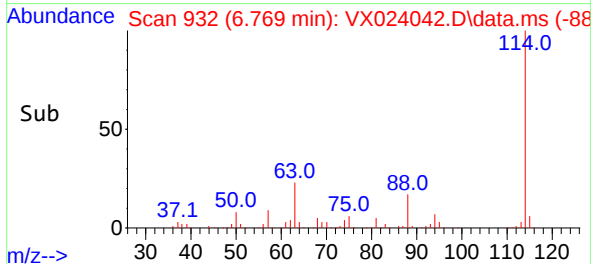
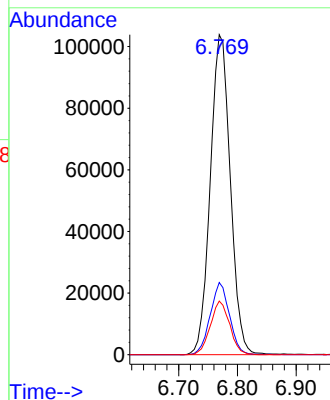
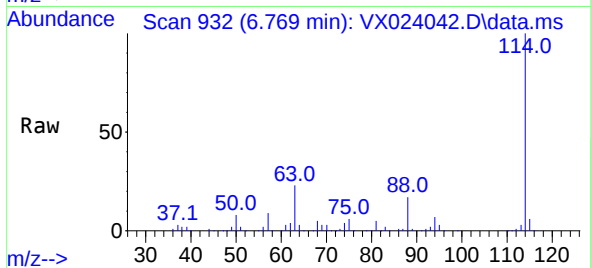




#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 6.769 min Scan# 932  
Delta R.T. 0.000 min  
Lab File: VX024042.D  
Acq: 31 Aug 2021 14:25

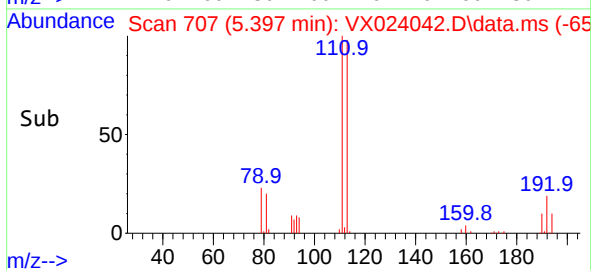
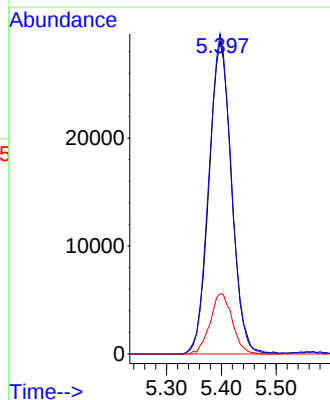
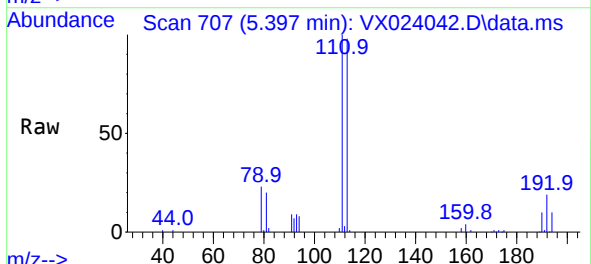
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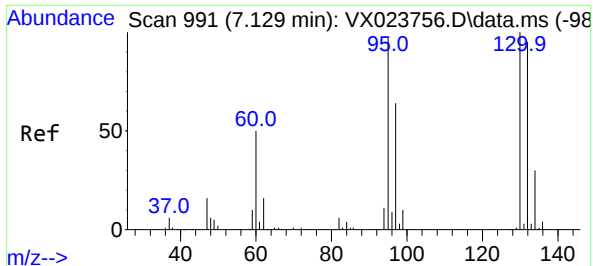
Tgt Ion:114 Resp: 246005  
Ion Ratio Lower Upper  
114 100  
63 22.6 0.0 40.8  
88 16.7 0.0 32.8



#35  
Dibromofluoromethane  
Concen: 50.749 ug/l  
RT: 5.397 min Scan# 707  
Delta R.T. 0.000 min  
Lab File: VX024042.D  
Acq: 31 Aug 2021 14:25

Tgt Ion:113 Resp: 82632  
Ion Ratio Lower Upper  
113 100  
111 101.8 81.9 122.9  
192 19.0 16.7 25.1

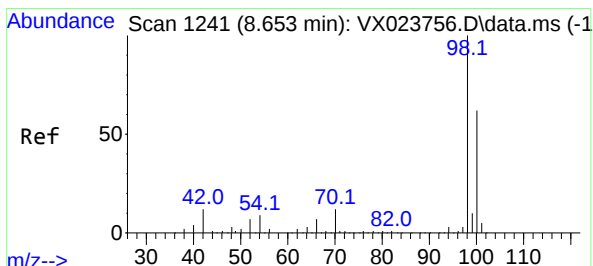
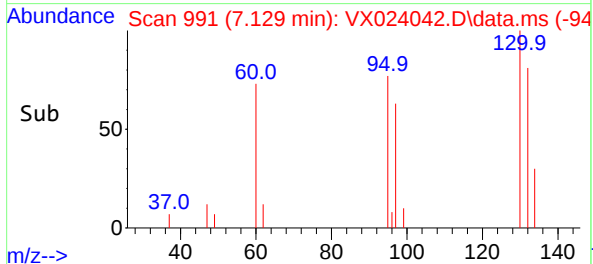
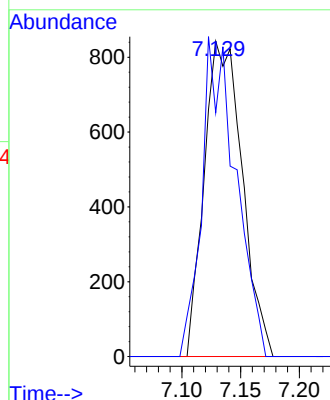
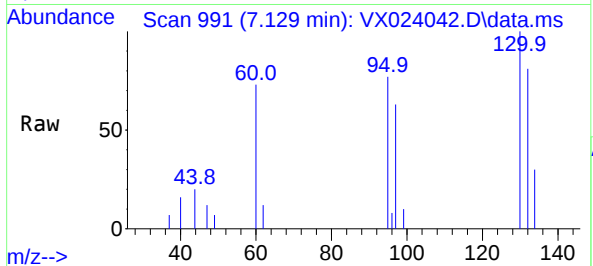




#44  
Trichloroethene  
Concen: 1.017 ug/l  
RT: 7.129 min Scan# 991  
Delta R.T. -0.000 min  
Lab File: VX024042.D  
Acq: 31 Aug 2021 14:25

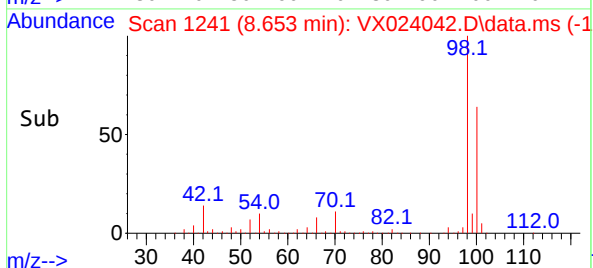
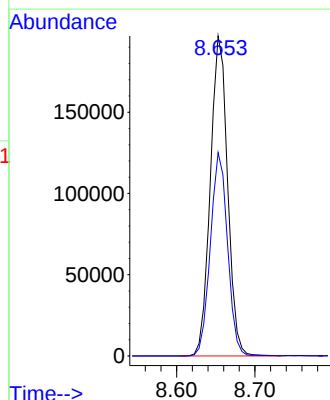
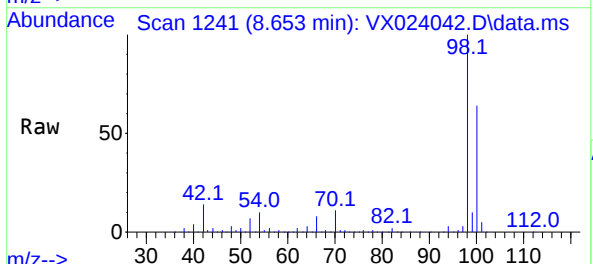
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Tgt Ion:130 Resp: 1892  
Ion Ratio Lower Upper  
130 100  
95 77.3 0.0 198.0



#50  
Toluene-d8  
Concen: 48.604 ug/l  
RT: 8.653 min Scan# 1241  
Delta R.T. -0.000 min  
Lab File: VX024042.D  
Acq: 31 Aug 2021 14:25

Tgt Ion: 98 Resp: 301208  
Ion Ratio Lower Upper  
98 100  
100 63.1 51.9 77.9

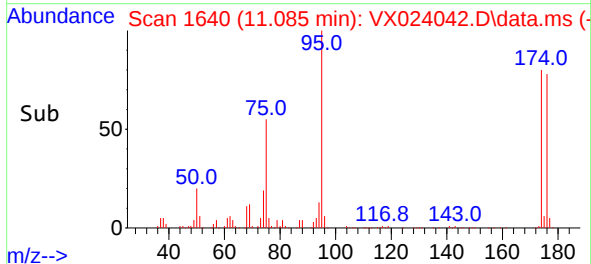
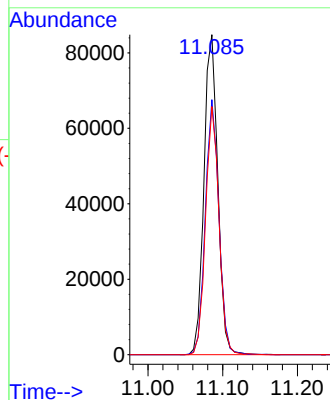
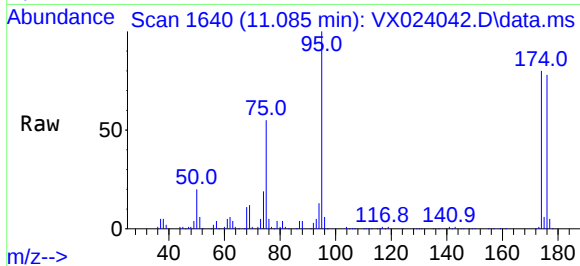




#62  
4-Bromofluorobenzene  
Concen: 47.816 ug/l  
RT: 11.085 min Scan# 1640  
Delta R.T. 0.000 min  
Lab File: VX024042.D  
Acq: 31 Aug 2021 14:25

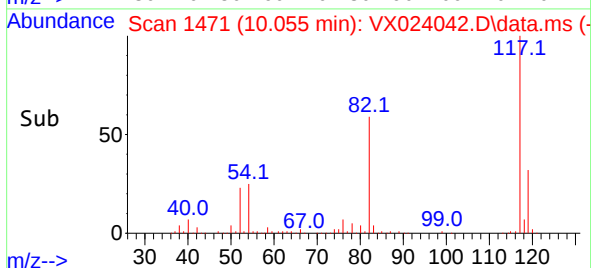
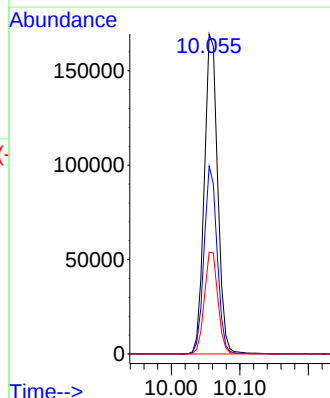
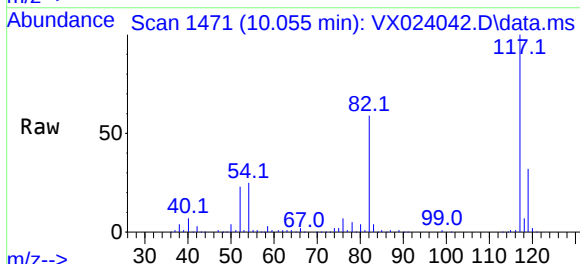
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Tgt Ion: 95 Resp: 109085  
Ion Ratio Lower Upper  
95 100  
174 78.3 0.0 154.6  
176 75.1 0.0 155.8



#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.055 min Scan# 1471  
Delta R.T. -0.006 min  
Lab File: VX024042.D  
Acq: 31 Aug 2021 14:25

Tgt Ion: 117 Resp: 231324  
Ion Ratio Lower Upper  
117 100  
82 58.7 47.4 71.2  
119 31.9 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: VX024042.D  
Acq: 31 Aug 2021 14:25

Instrument :  
MSVOA\_X  
ClientSampleId :  
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Tgt Ion:152 Resp: 97678  
Ion Ratio Lower Upper  
152 100  
115 60.3 41.1 123.3  
150 156.1 0.0 349.0

