

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX042221\  
 Data File : VX021822.D  
 Acq On : 22 Apr 2021 17:19  
 Operator : JC/MD  
 Sample : M2138-22  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 152140-FB-042021

Quant Time: Apr 23 07:44:39 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X042021W.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Apr 20 13:46:22 2021  
 Response via : Initial Calibration

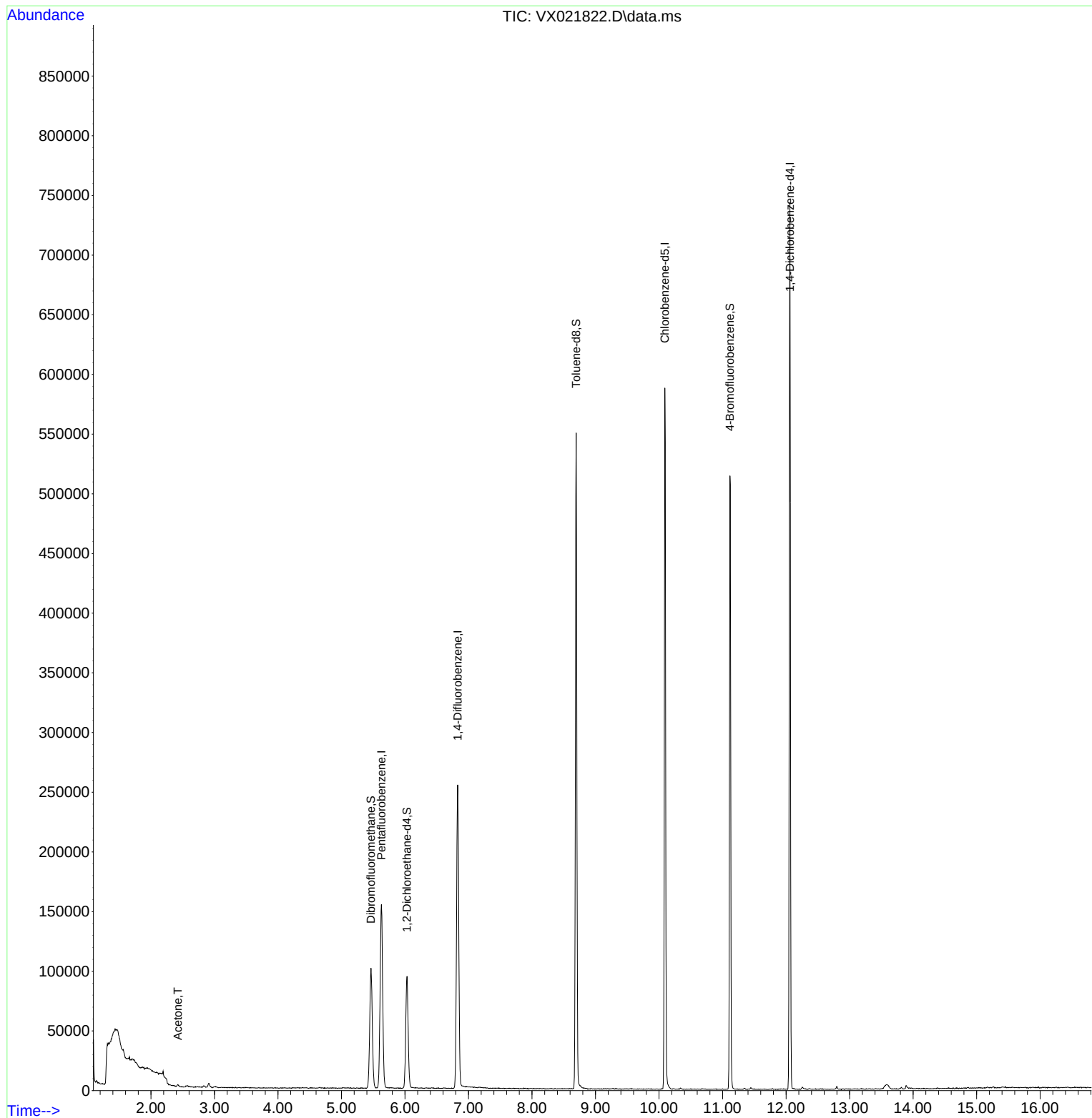
| Compound                    | R.T.   | QIon           | Response | Conc      | Units | Dev(Min) |
|-----------------------------|--------|----------------|----------|-----------|-------|----------|
| -----                       |        |                |          |           |       |          |
| Internal Standards          |        |                |          |           |       |          |
| 1) Pentafluorobenzene       | 5.629  | 168            | 154850   | 50.00     | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene     | 6.830  | 114            | 280659   | 50.00     | ug/l  | 0.00     |
| 63) Chlorobenzene-d5        | 10.092 | 117            | 297820   | 50.00     | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 12.061 | 152            | 159128   | 50.00     | ug/l  | 0.00     |
| System Monitoring Compounds |        |                |          |           |       |          |
| 33) 1,2-Dichloroethane-d4   | 6.031  | 65             | 88522    | 50.39     | ug/l  | 0.00     |
| Spiked Amount               | 50.000 | Range 78 - 117 | Recovery | = 100.78% |       |          |
| 35) Dibromofluoromethane    | 5.464  | 113            | 89190    | 49.69     | ug/l  | 0.00     |
| Spiked Amount               | 50.000 | Range 75 - 124 | Recovery | = 99.38%  |       |          |
| 50) Toluene-d8              | 8.696  | 98             | 343449   | 49.77     | ug/l  | 0.00     |
| Spiked Amount               | 50.000 | Range 92 - 112 | Recovery | = 99.54%  |       |          |
| 62) 4-Bromofluorobenzene    | 11.116 | 95             | 148851   | 57.76     | ug/l  | 0.00     |
| Spiked Amount               | 50.000 | Range 83 - 123 | Recovery | = 115.52% |       |          |
| Target Compounds            |        |                |          |           |       | Qvalue   |
| 16) Acetone                 | 2.422  | 43             | 1712     | 2.83      | ug/l  | 99       |
| -----                       |        |                |          |           |       |          |

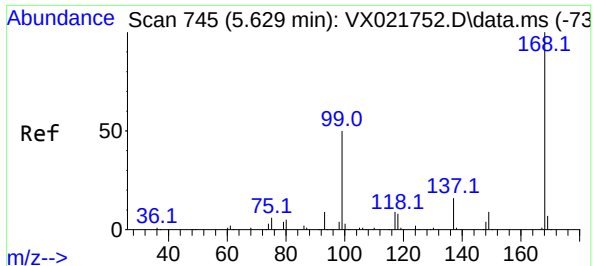
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260  
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Response via : Initial Calibration

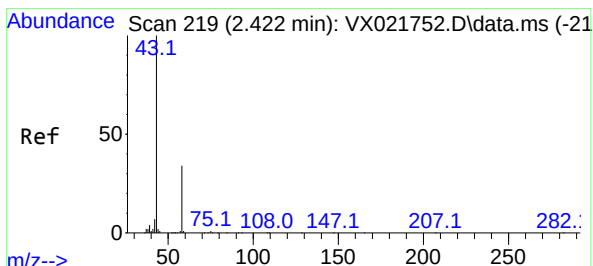
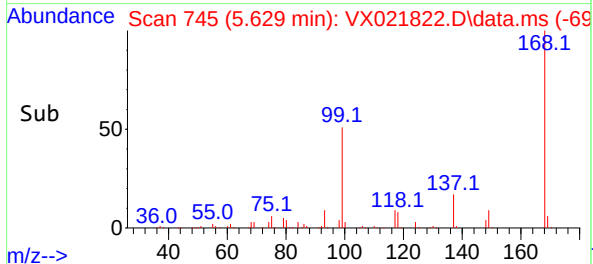
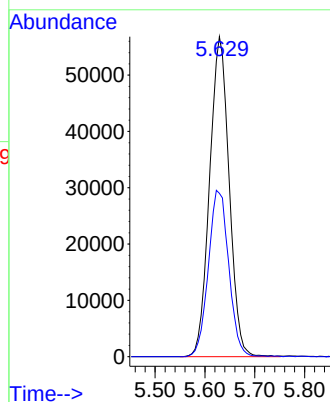
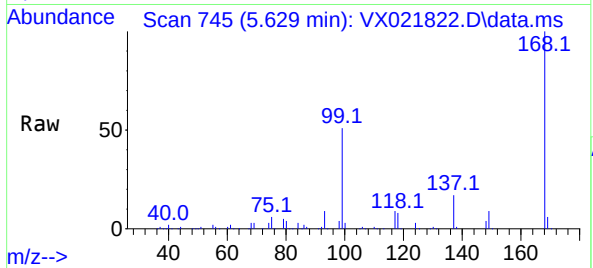




#1  
Pentafluorobenzene  
Concen: 50.00 ug/l  
RT: 5.629 min Scan# 745  
Delta R.T. 0.000 min  
Lab File: VX021822.D  
Acq: 22 Apr 2021 17:19

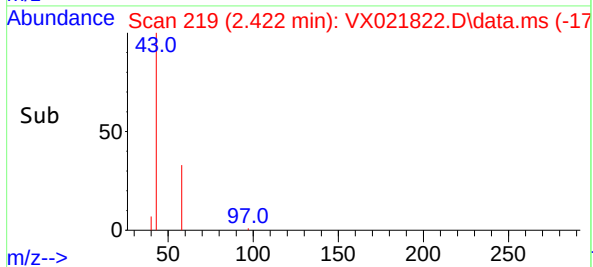
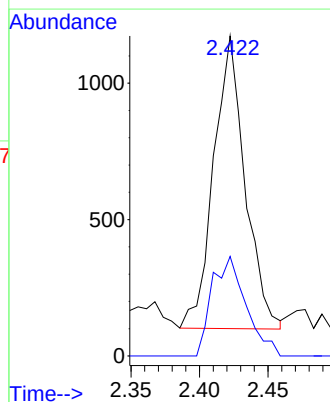
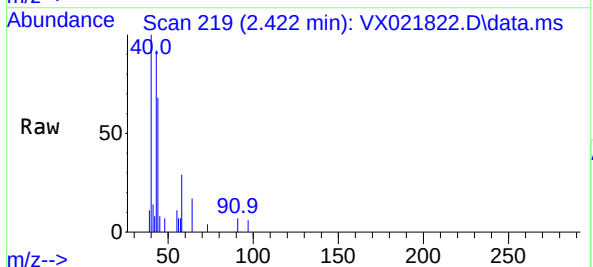
Instrument :  
MSVOA\_X  
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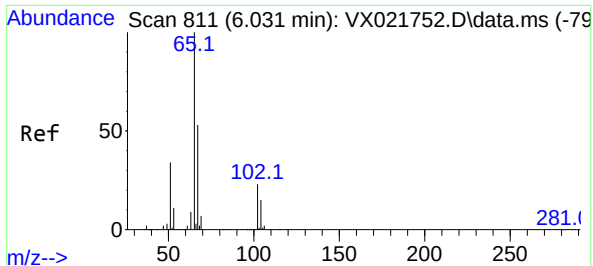
Tgt Ion:168 Resp: 154850  
Ion Ratio Lower Upper  
168 100  
99 51.0 45.8 68.6



#16  
Acetone  
Concen: 2.83 ug/l  
RT: 2.422 min Scan# 219  
Delta R.T. 0.000 min  
Lab File: VX021822.D  
Acq: 22 Apr 2021 17:19

Tgt Ion: 43 Resp: 1712  
Ion Ratio Lower Upper  
43 100  
58 34.1 27.8 41.8

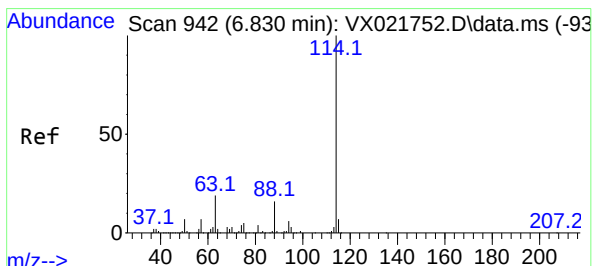
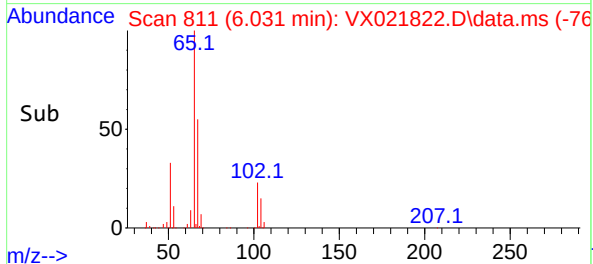
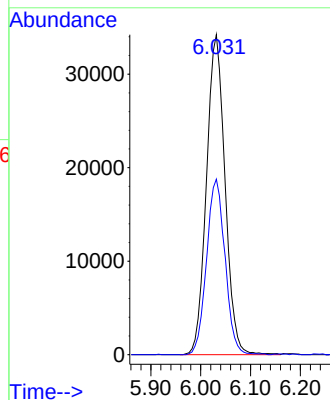
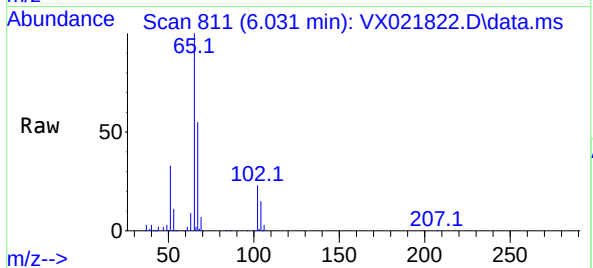




#33  
1,2-Dichloroethane-d4  
Concen: 50.39 ug/l  
RT: 6.031 min Scan# 811  
Delta R.T. 0.000 min  
Lab File: VX021822.D  
Acq: 22 Apr 2021 17:19

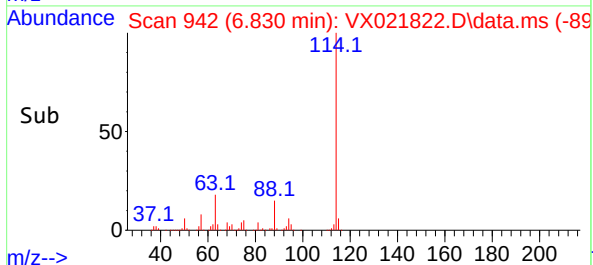
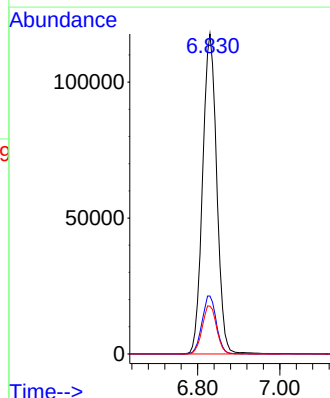
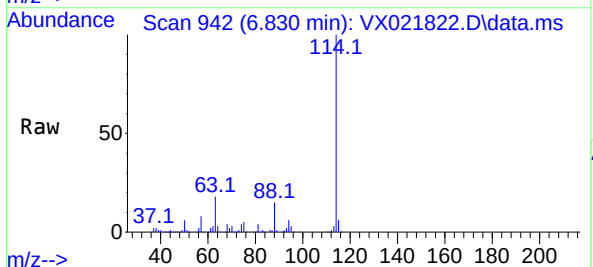
Instrument :  
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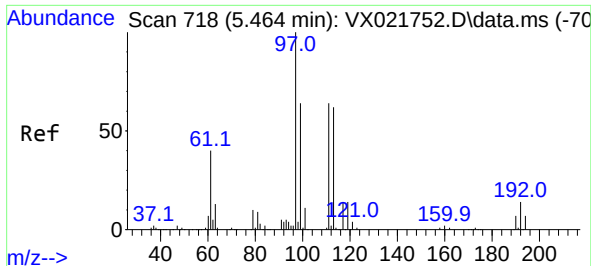
Tgt Ion: 65 Resp: 88522  
Ion Ratio Lower Upper  
65 100  
67 54.5 0.0 105.4



#34  
1,4-Difluorobenzene  
Concen: 50.00 ug/l  
RT: 6.830 min Scan# 942  
Delta R.T. 0.000 min  
Lab File: VX021822.D  
Acq: 22 Apr 2021 17:19

Tgt Ion: 114 Resp: 280659  
Ion Ratio Lower Upper  
114 100  
63 18.1 0.0 40.8  
88 15.0 0.0 32.8

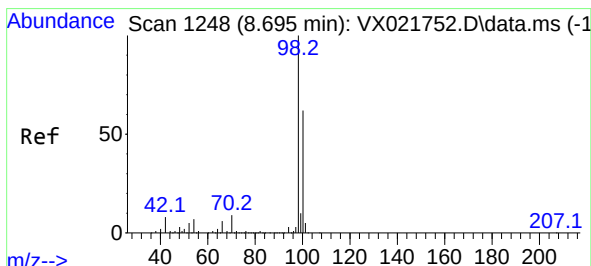
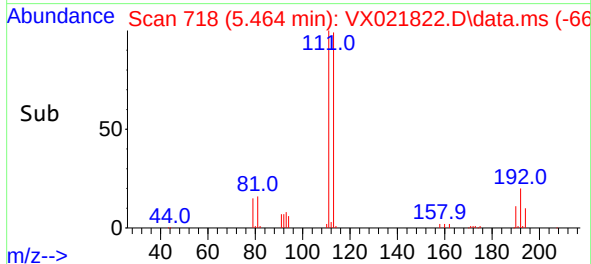
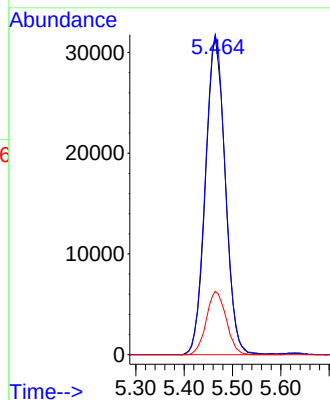
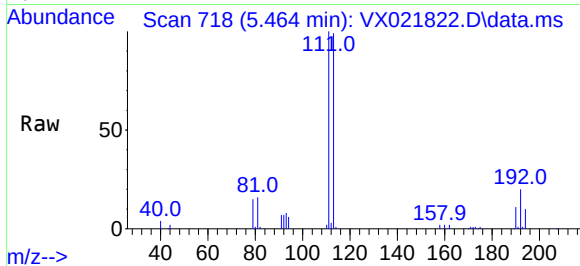




#35  
Dibromofluoromethane  
Concen: 49.69 ug/l  
RT: 5.464 min Scan# 718  
Delta R.T. 0.000 min  
Lab File: VX021822.D  
Acq: 22 Apr 2021 17:19

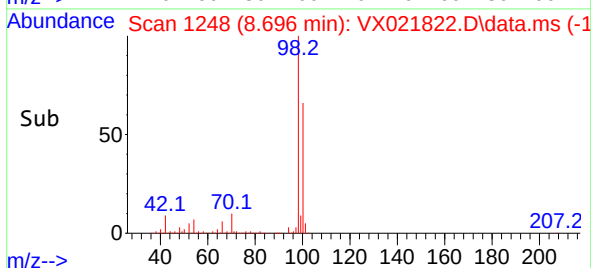
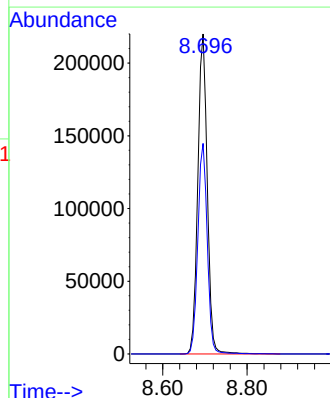
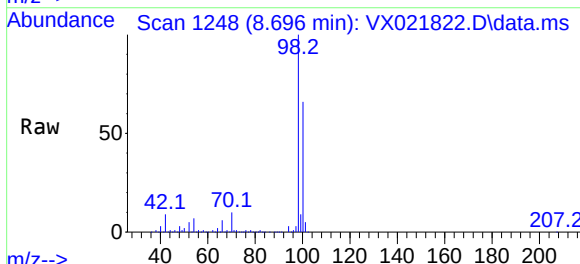
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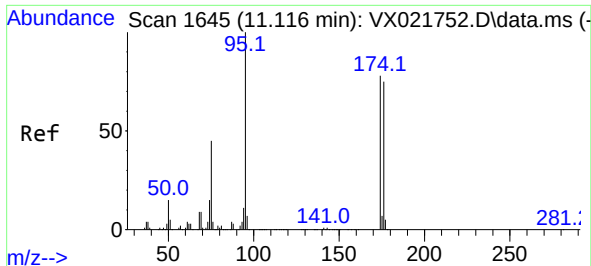
Tgt Ion:113 Resp: 89190  
Ion Ratio Lower Upper  
113 100  
111 102.1 81.9 122.9  
192 20.1 16.7 25.1



#50  
Toluene-d8  
Concen: 49.77 ug/l  
RT: 8.696 min Scan# 1248  
Delta R.T. 0.001 min  
Lab File: VX021822.D  
Acq: 22 Apr 2021 17:19

Tgt Ion: 98 Resp: 343449  
Ion Ratio Lower Upper  
98 100  
100 65.7 51.9 77.9

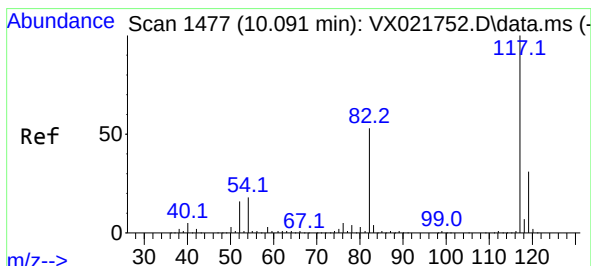
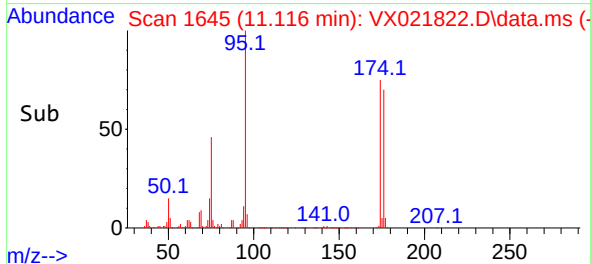
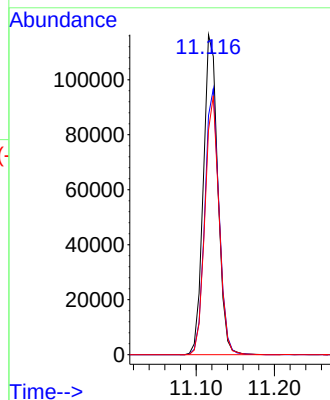
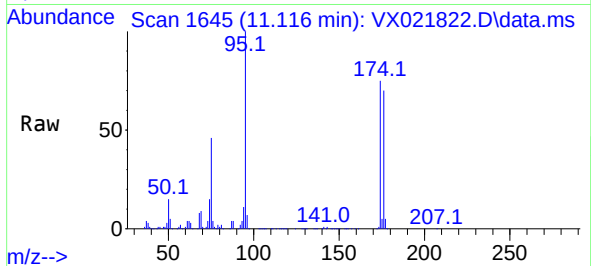




#62  
4-Bromofluorobenzene  
Concen: 57.76 ug/l  
RT: 11.116 min Scan# 1645  
Delta R.T. -0.000 min  
Lab File: VX021822.D  
Acq: 22 Apr 2021 17:19

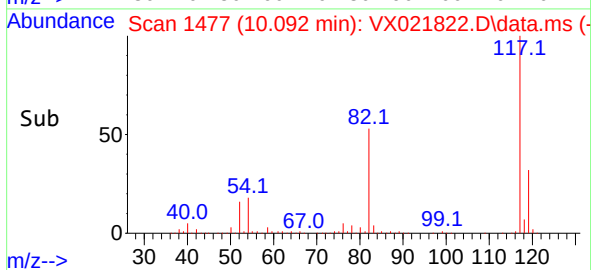
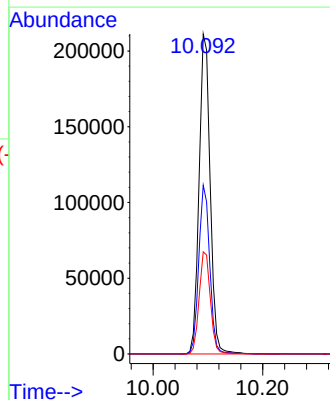
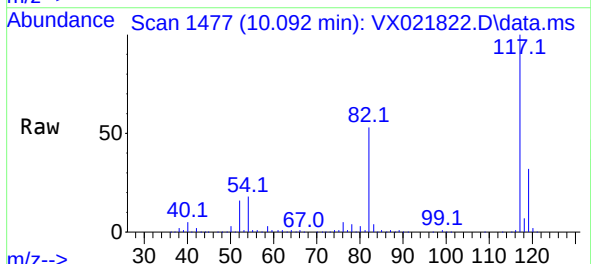
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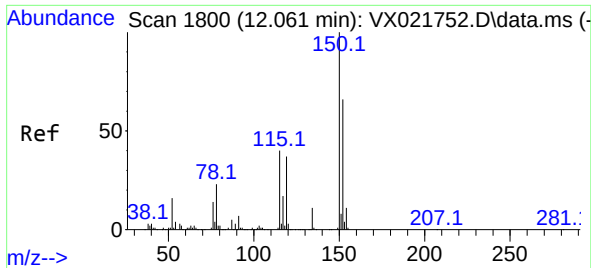
Tgt Ion: 95 Resp: 148851  
Ion Ratio Lower Upper  
95 100  
174 82.0 0.0 154.6  
176 79.0 0.0 155.8



#63  
Chlorobenzene-d5  
Concen: 50.00 ug/l  
RT: 10.092 min Scan# 1477  
Delta R.T. 0.001 min  
Lab File: VX021822.D  
Acq: 22 Apr 2021 17:19

Tgt Ion: 117 Resp: 297820  
Ion Ratio Lower Upper  
117 100  
82 52.7 47.4 71.2  
119 31.9 26.6 39.8





#72  
1,4-Dichlorobenzene-d4  
Concen: 50.00 ug/l  
RT: 12.061 min Scan# 1800  
Delta R.T. -0.000 min  
Lab File: VX021822.D  
Acq: 22 Apr 2021 17:19

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Tgt Ion:152 Resp: 159128  
Ion Ratio Lower Upper  
152 100  
115 58.4 41.1 123.3  
150 158.4 0.0 349.0

