

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX030521\  
 Data File : VX021001.D  
 Acq On : 03 Mar 2021 16:29  
 Operator : JC/MD  
 Sample : M1505-04  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 STORAGE-BLANK-SAMPLE-MANA

Quant Time: Mar 04 01:05:18 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X022421W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Feb 24 13:50:55 2021  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon  | Response | Conc     | Units | Dev(Min) |
|-----------------------------|--------|-------|----------|----------|-------|----------|
| -----                       |        |       |          |          |       |          |
| Internal Standards          |        |       |          |          |       |          |
| 1) Pentafluorobenzene       | 5.635  | 168   | 223369   | 50.00    | ug/l  | 0.01     |
| 34) 1,4-Difluorobenzene     | 6.829  | 114   | 416373   | 50.00    | ug/l  | 0.00     |
| 63) Chlorobenzene-d5        | 10.094 | 117   | 382530   | 50.00    | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 12.065 | 152   | 155319   | 50.00    | ug/l  | 0.00     |
| System Monitoring Compounds |        |       |          |          |       |          |
| 33) 1,2-Dichloroethane-d4   | 6.029  | 65    | 152983   | 50.70    | ug/l  | 0.00     |
| Spiked Amount               | 50.000 | Range | 61 - 141 | Recovery | =     | 101.40%  |
| 35) Dibromofluoromethane    | 5.464  | 113   | 132478   | 52.37    | ug/l  | 0.00     |
| Spiked Amount               | 50.000 | Range | 69 - 133 | Recovery | =     | 104.74%  |
| 50) Toluene-d8              | 8.694  | 98    | 509442   | 51.65    | ug/l  | 0.00     |
| Spiked Amount               | 50.000 | Range | 65 - 126 | Recovery | =     | 103.30%  |
| 62) 4-Bromofluorobenzene    | 11.118 | 95    | 173320   | 47.52    | ug/l  | 0.00     |
| Spiked Amount               | 50.000 | Range | 58 - 135 | Recovery | =     | 95.04%   |

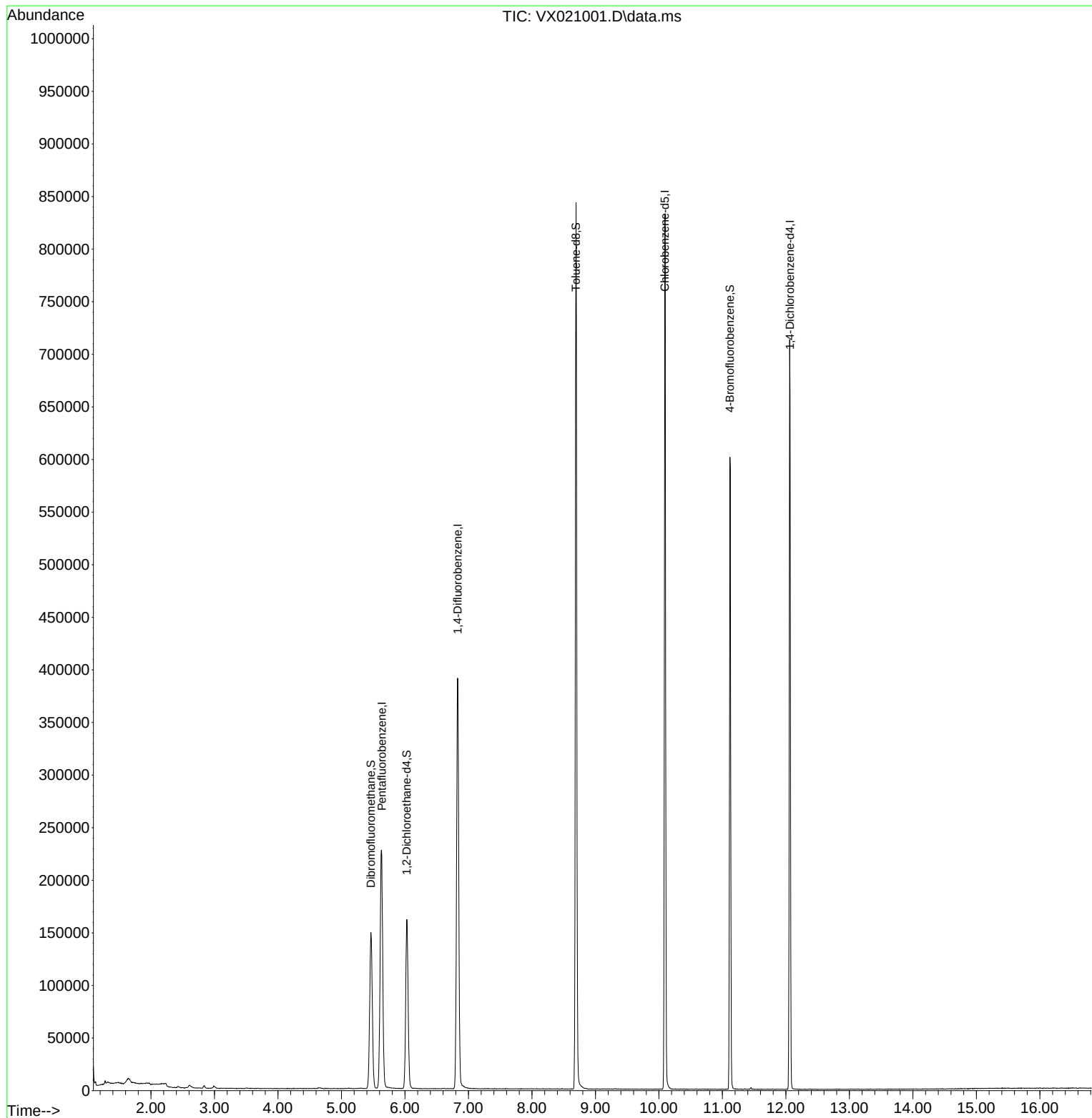
| Target Compounds | Qvalue |
|------------------|--------|
| -----            |        |

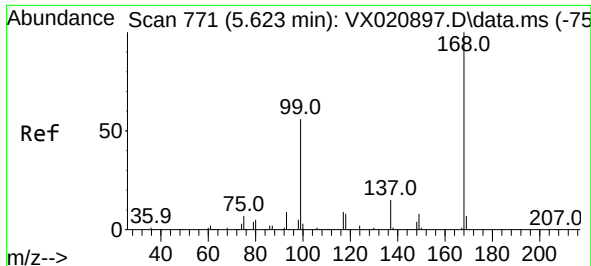
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260  
QLast Update : Wed Feb 24 13:50:55 2021  
Response via : Initial Calibration

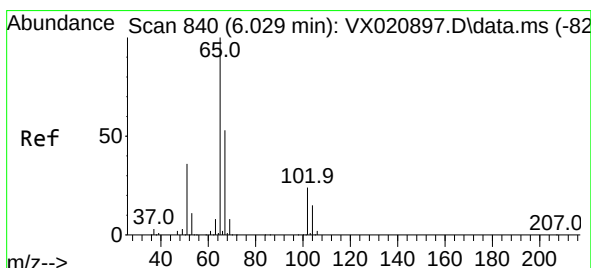
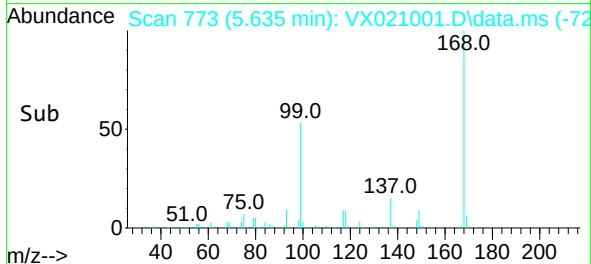
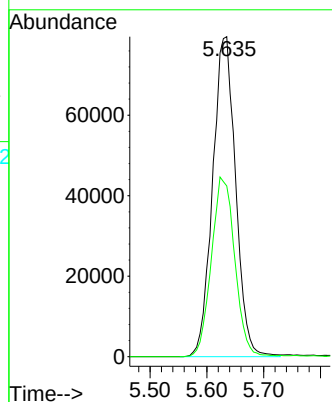
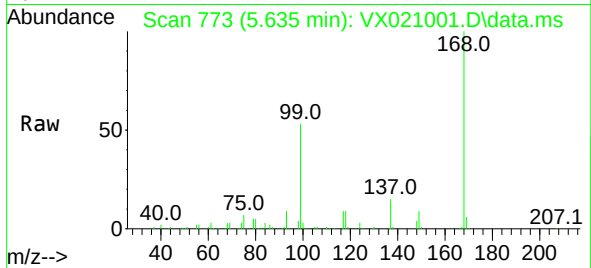




#1  
Pentafluorobenzene  
Concen: 50.00 ug/l  
RT: 5.635 min Scan# 773  
Delta R.T. 0.012 min  
Lab File: VX021001.D  
Acq: 03 Mar 2021 16:29

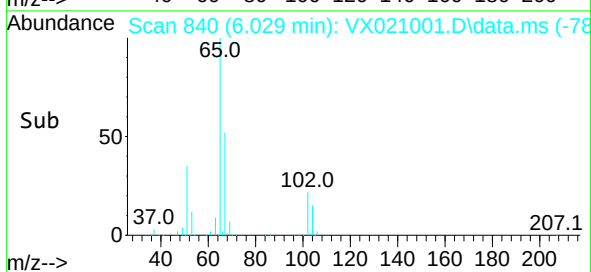
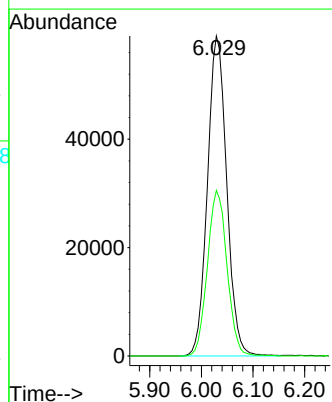
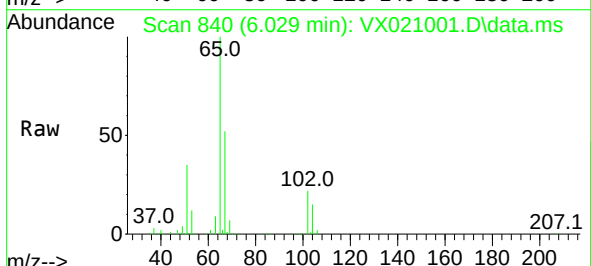
Instrument :  
MSVOA\_X  
ClientSampleId :  
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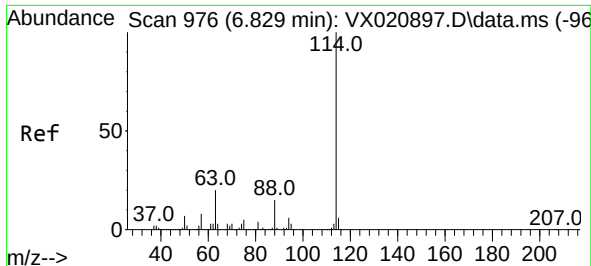
Tgt Ion:168 Resp: 223369  
Ion Ratio Lower Upper  
168 100  
99 53.3 45.8 68.6



#33  
1,2-Dichloroethane-d4  
Concen: 50.70 ug/l  
RT: 6.029 min Scan# 840  
Delta R.T. -0.000 min  
Lab File: VX021001.D  
Acq: 03 Mar 2021 16:29

Tgt Ion: 65 Resp: 152983  
Ion Ratio Lower Upper  
65 100  
67 52.6 0.0 105.4

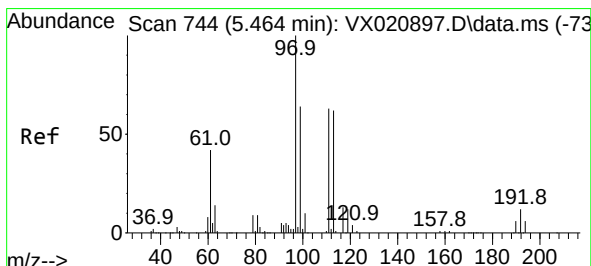
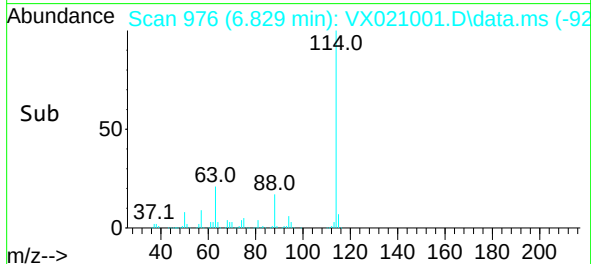
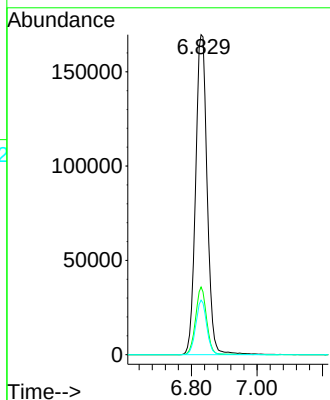
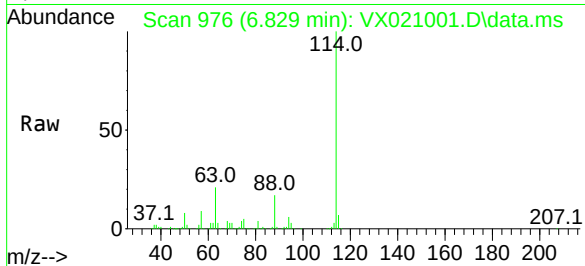




#34  
1,4-Difluorobenzene  
Concen: 50.00 ug/l  
RT: 6.829 min Scan# 976  
Delta R.T. -0.000 min  
Lab File: VX021001.D  
Acq: 03 Mar 2021 16:29

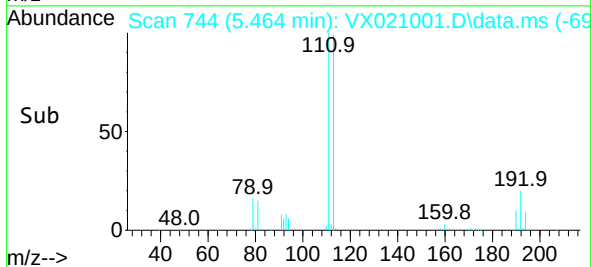
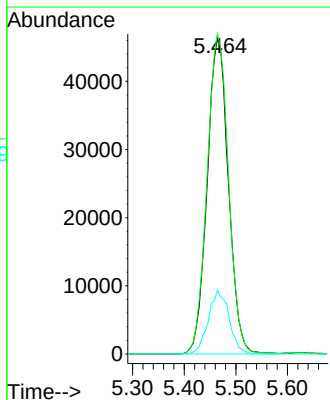
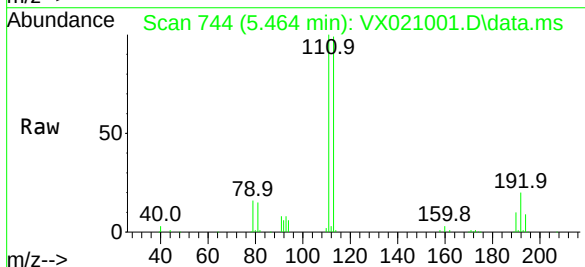
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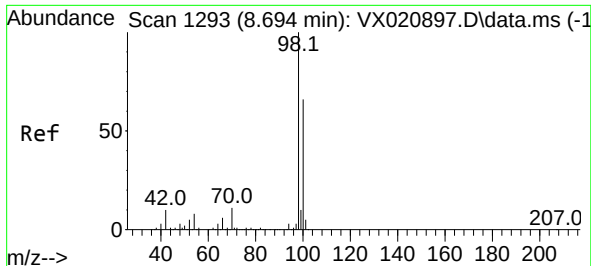
Tgt Ion:114 Resp: 416373  
Ion Ratio Lower Upper  
114 100  
63 21.2 0.0 40.8  
88 17.0 0.0 32.8



#35  
Dibromofluoromethane  
Concen: 52.37 ug/l  
RT: 5.464 min Scan# 744  
Delta R.T. -0.000 min  
Lab File: VX021001.D  
Acq: 03 Mar 2021 16:29

Tgt Ion:113 Resp: 132478  
Ion Ratio Lower Upper  
113 100  
111 102.5 81.9 122.9  
192 19.7 16.7 25.1

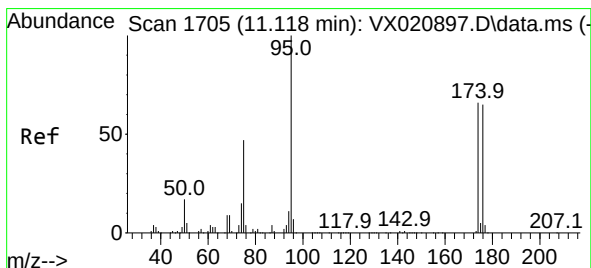
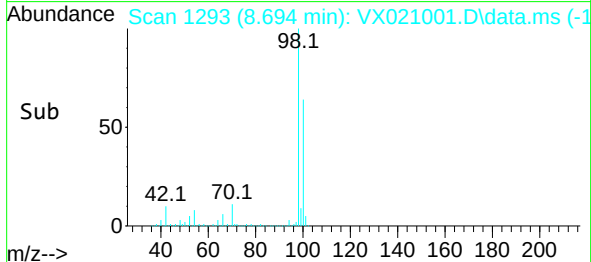
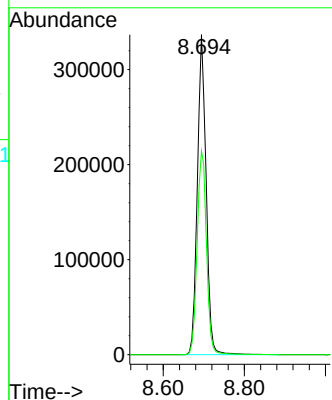
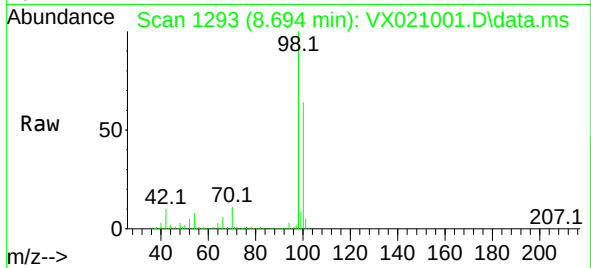




#50  
Toluene-d8  
Concen: 51.65 ug/l  
RT: 8.694 min Scan# 1293  
Delta R.T. -0.000 min  
Lab File: VX021001.D  
Acq: 03 Mar 2021 16:29

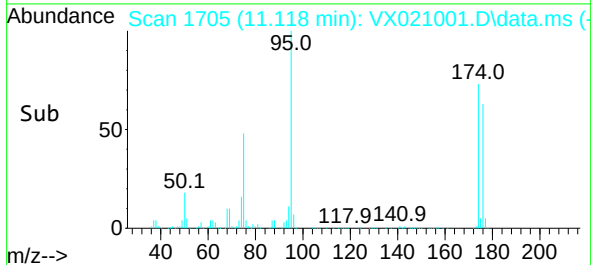
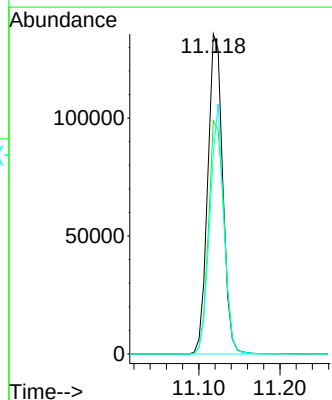
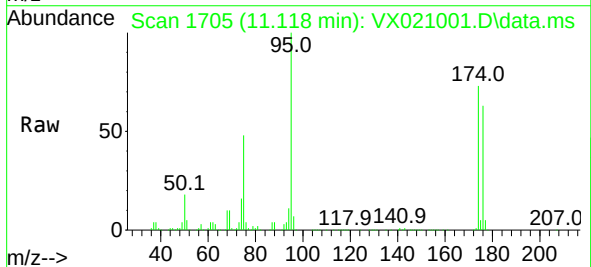
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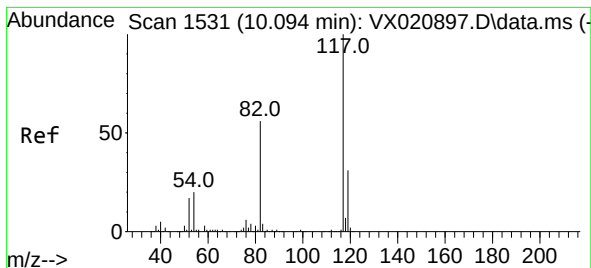
Tgt Ion: 98 Resp: 509442  
Ion Ratio Lower Upper  
98 100  
100 67.8 51.9 77.9



#62  
4-Bromofluorobenzene  
Concen: 47.52 ug/l  
RT: 11.118 min Scan# 1705  
Delta R.T. -0.000 min  
Lab File: VX021001.D  
Acq: 03 Mar 2021 16:29

Tgt Ion: 95 Resp: 173320  
Ion Ratio Lower Upper  
95 100  
174 76.0 0.0 154.6  
176 72.7 0.0 155.8

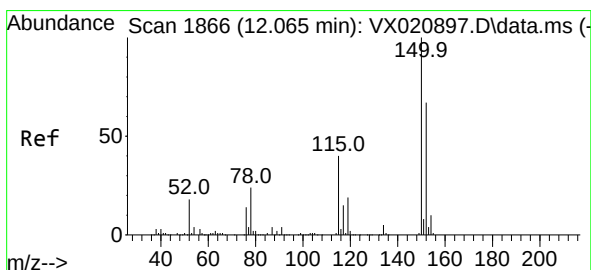
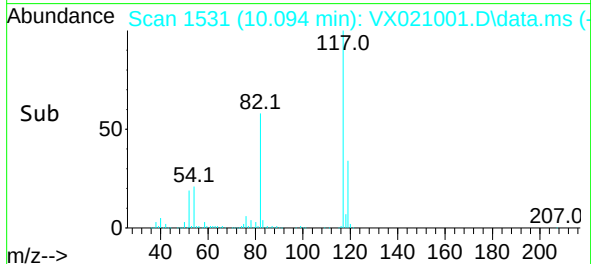
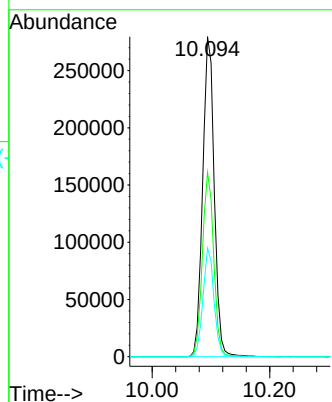
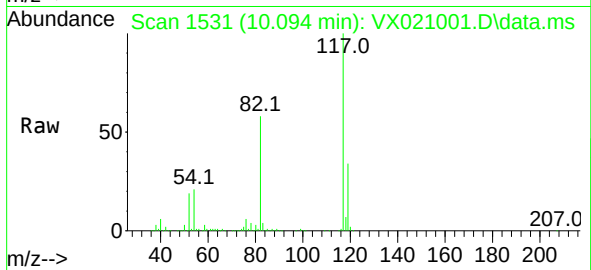




#63  
Chlorobenzene-d5  
Concen: 50.00 ug/l  
RT: 10.094 min Scan# 1531  
Delta R.T. -0.000 min  
Lab File: VX021001.D  
Acq: 03 Mar 2021 16:29

Instrument :  
MSVOA\_X  
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Tgt Ion:117 Resp: 382530  
Ion Ratio Lower Upper  
117 100  
82 57.6 47.4 71.2  
119 33.9 26.6 39.8



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.00 ug/l  
RT: 12.065 min Scan# 1866  
Delta R.T. -0.000 min  
Lab File: VX021001.D  
Acq: 03 Mar 2021 16:29

Tgt Ion:152 Resp: 155319  
Ion Ratio Lower Upper  
152 100  
115 56.1 41.1 123.3  
150 155.4 0.0 349.0

