

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX040121\  
 Data File : VX021730.D  
 Acq On : 02 Apr 2021 10:06  
 Operator : JC/MD  
 Sample : VX0401WBL02  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 32 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0401WBL02

Quant Time: Apr 03 02:00:54 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X032421W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Mar 24 12:25:26 2021  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon  | Response | Conc     | Units     | Dev(Min) |
|-----------------------------|--------|-------|----------|----------|-----------|----------|
| -----                       |        |       |          |          |           |          |
| Internal Standards          |        |       |          |          |           |          |
| 1) Pentafluorobenzene       | 5.629  | 168   | 59468    | 50.00    | ug/l      | 0.00     |
| 34) 1,4-Difluorobenzene     | 6.829  | 114   | 109175   | 50.00    | ug/l      | 0.00     |
| 63) Chlorobenzene-d5        | 10.094 | 117   | 110243   | 50.00    | ug/l      | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 12.059 | 152   | 49878    | 50.00    | ug/l      | 0.00     |
| System Monitoring Compounds |        |       |          |          |           |          |
| 33) 1,2-Dichloroethane-d4   | 6.023  | 65    | 49716    | 50.25    | ug/l      | 0.00     |
| Spiked Amount               | 50.000 | Range | 78 - 117 | Recovery | = 100.50% |          |
| 35) Dibromofluoromethane    | 5.464  | 113   | 38900    | 50.16    | ug/l      | 0.00     |
| Spiked Amount               | 50.000 | Range | 75 - 124 | Recovery | = 100.32% |          |
| 50) Toluene-d8              | 8.694  | 98    | 137339   | 49.70    | ug/l      | 0.00     |
| Spiked Amount               | 50.000 | Range | 92 - 112 | Recovery | = 99.40%  |          |
| 62) 4-Bromofluorobenzene    | 11.118 | 95    | 55898    | 52.03    | ug/l      | 0.00     |
| Spiked Amount               | 50.000 | Range | 83 - 123 | Recovery | = 104.06% |          |

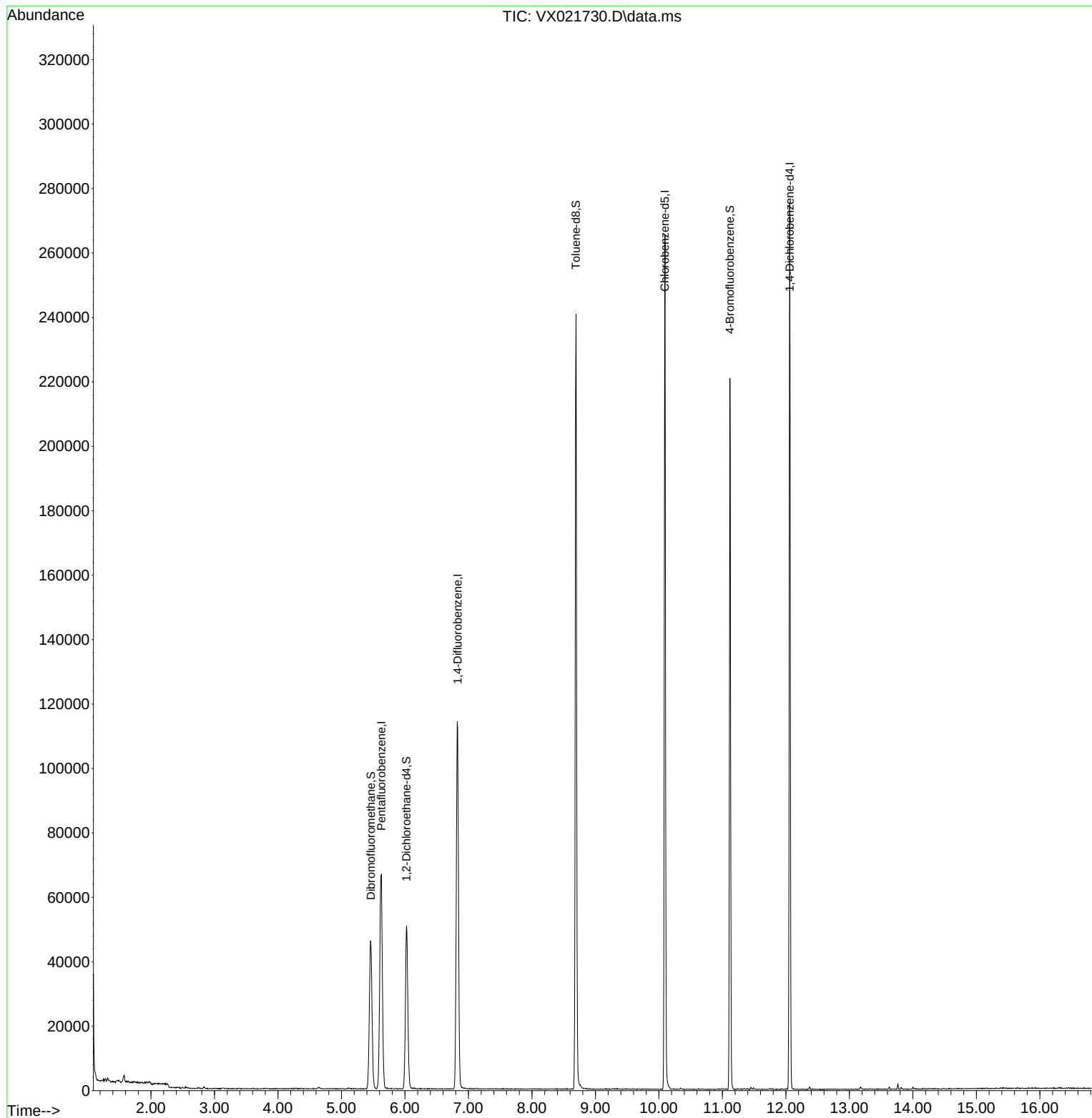
| Target Compounds | Qvalue |
|------------------|--------|
| -----            |        |

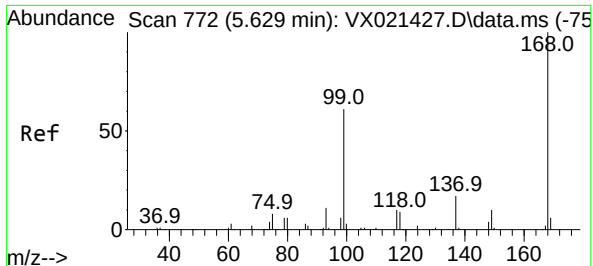
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 32 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0401WBL02

Quant Time: Apr 03 02:00:54 2021  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X032421W.M  
Quant Title : SW846 8260  
QLast Update : Wed Mar 24 12:25:26 2021  
Response via : Initial Calibration

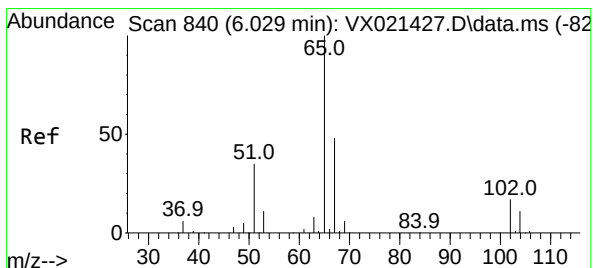
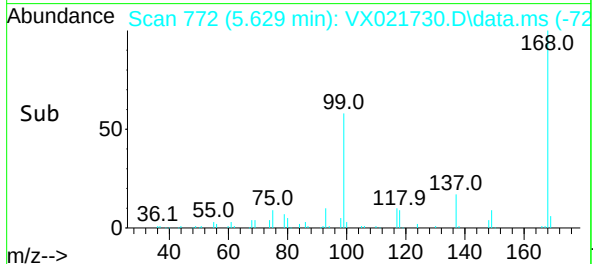
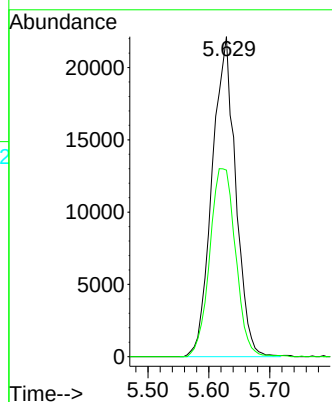
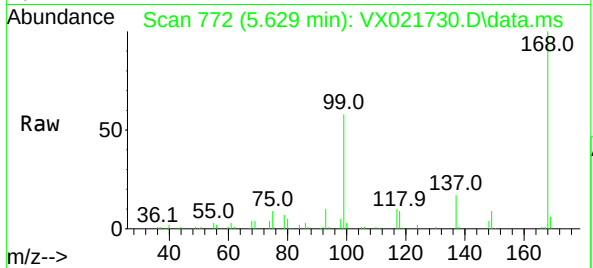




#1  
Pentafluorobenzene  
Concen: 50.00 ug/l  
RT: 5.629 min Scan# 772  
Delta R.T. -0.000 min  
Lab File: VX021730.D  
Acq: 02 Apr 2021 10:06

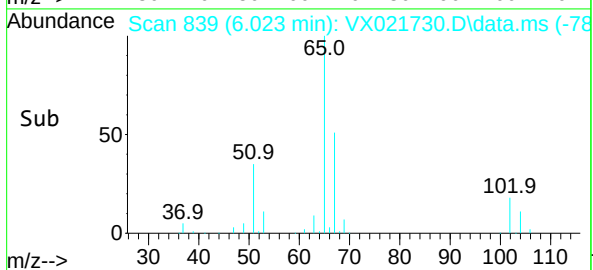
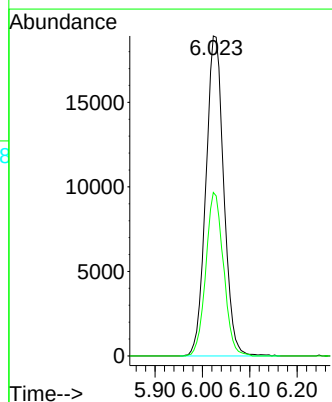
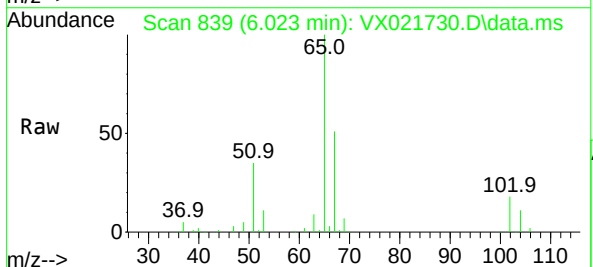
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0401WBL02

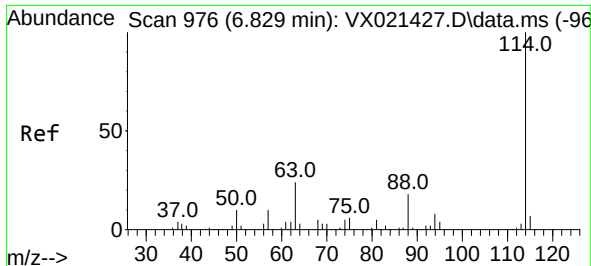
Tgt Ion:168 Resp: 59468  
Ion Ratio Lower Upper  
168 100  
99 58.3 45.8 68.6



#33  
1,2-Dichloroethane-d4  
Concen: 50.25 ug/l  
RT: 6.023 min Scan# 839  
Delta R.T. -0.006 min  
Lab File: VX021730.D  
Acq: 02 Apr 2021 10:06

Tgt Ion: 65 Resp: 49716  
Ion Ratio Lower Upper  
65 100  
67 50.4 0.0 105.4

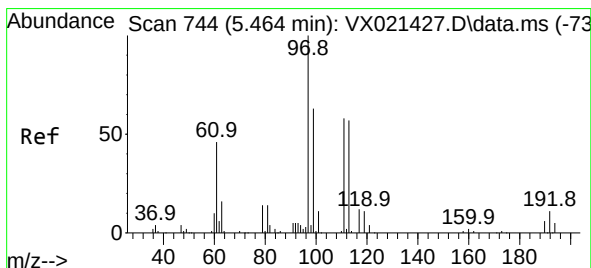
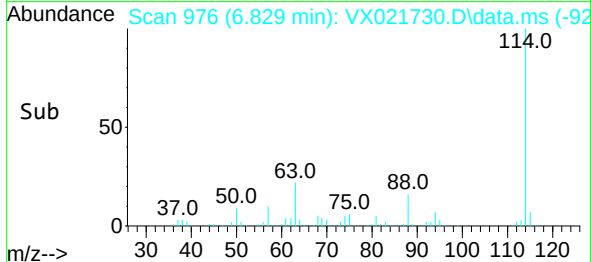
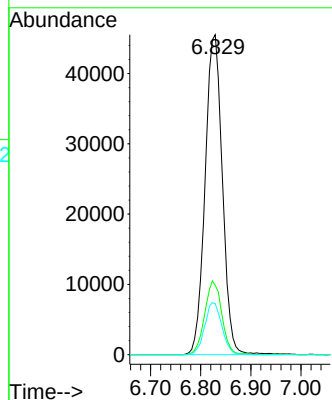
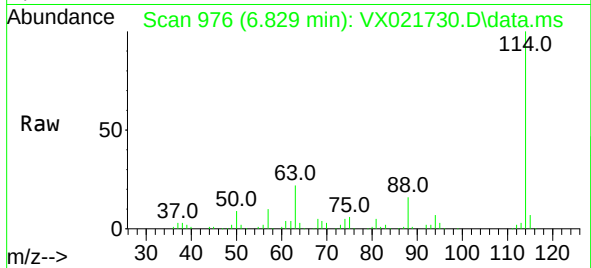




#34  
1,4-Difluorobenzene  
Concen: 50.00 ug/l  
RT: 6.829 min Scan# 976  
Delta R.T. 0.000 min  
Lab File: VX021730.D  
Acq: 02 Apr 2021 10:06

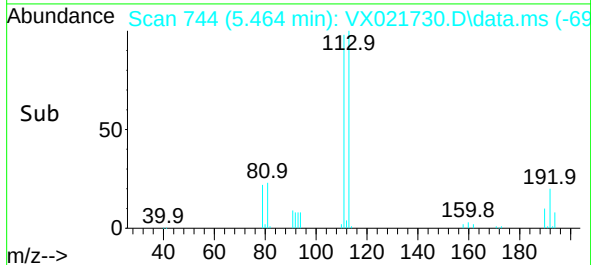
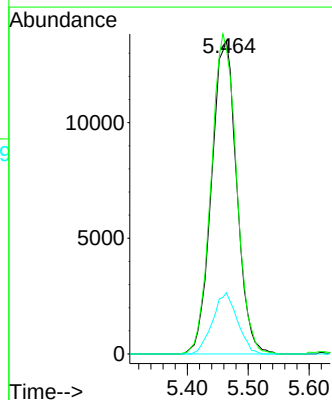
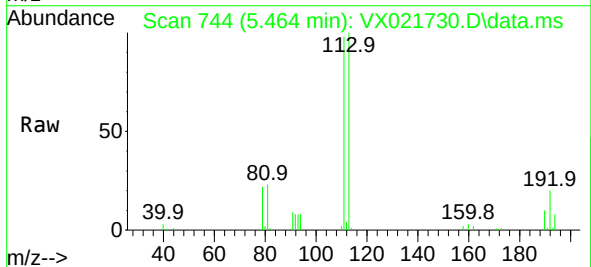
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0401WBL02

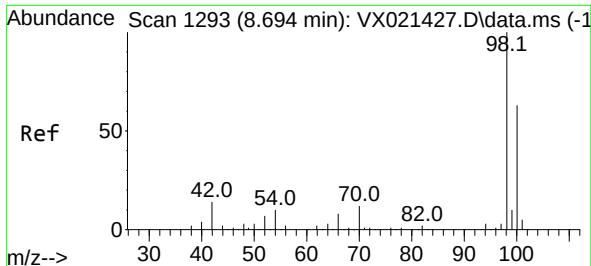
Tgt Ion:114 Resp: 109175  
Ion Ratio Lower Upper  
114 100  
63 21.7 0.0 40.8  
88 15.9 0.0 32.8



#35  
Dibromofluoromethane  
Concen: 50.16 ug/l  
RT: 5.464 min Scan# 744  
Delta R.T. 0.000 min  
Lab File: VX021730.D  
Acq: 02 Apr 2021 10:06

Tgt Ion:113 Resp: 38900  
Ion Ratio Lower Upper  
113 100  
111 102.9 81.9 122.9  
192 19.2 16.7 25.1

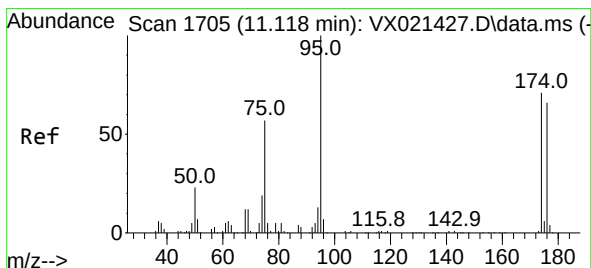
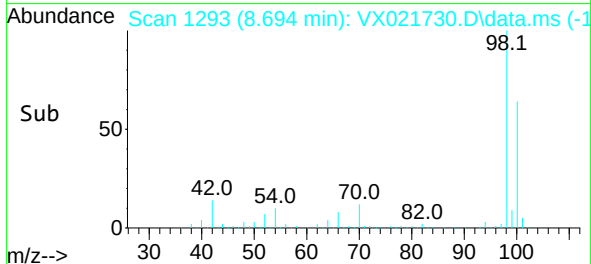
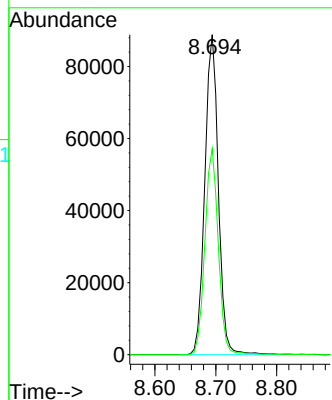
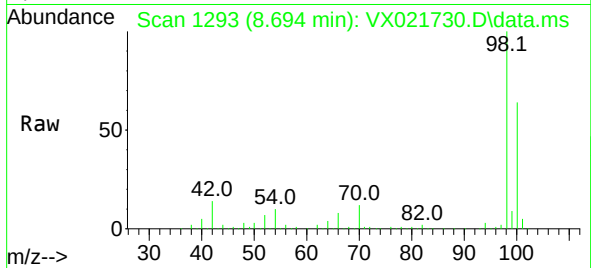




#50  
Toluene-d8  
Concen: 49.70 ug/l  
RT: 8.694 min Scan# 1293  
Delta R.T. -0.000 min  
Lab File: VX021730.D  
Acq: 02 Apr 2021 10:06

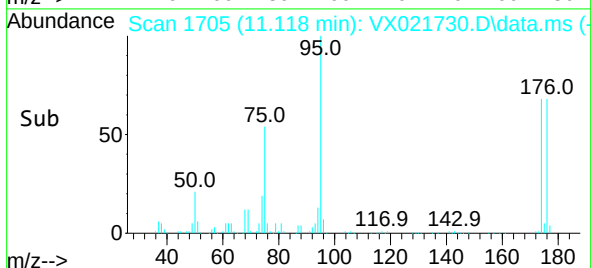
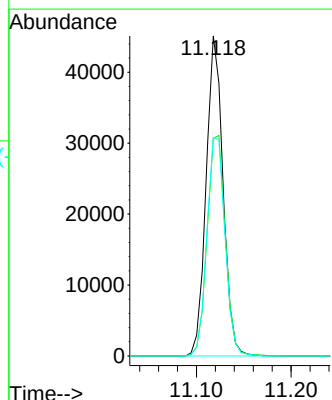
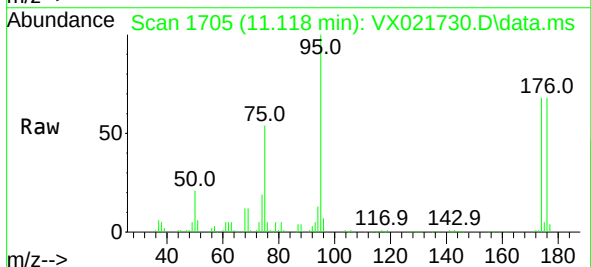
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0401WBL02

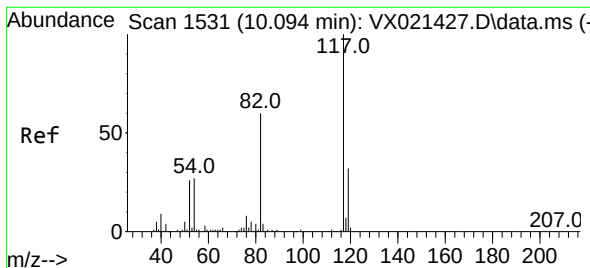
Tgt Ion: 98 Resp: 137339  
Ion Ratio Lower Upper  
98 100  
100 64.2 51.9 77.9



#62  
4-Bromofluorobenzene  
Concen: 52.03 ug/l  
RT: 11.118 min Scan# 1705  
Delta R.T. -0.000 min  
Lab File: VX021730.D  
Acq: 02 Apr 2021 10:06

Tgt Ion: 95 Resp: 55898  
Ion Ratio Lower Upper  
95 100  
174 73.9 0.0 154.6  
176 73.2 0.0 155.8

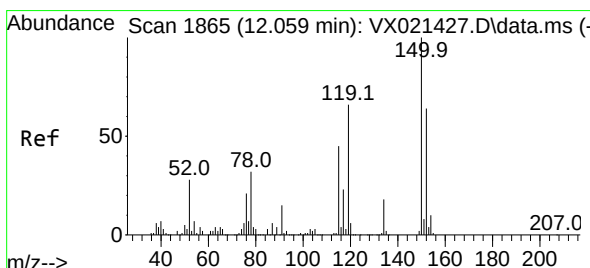
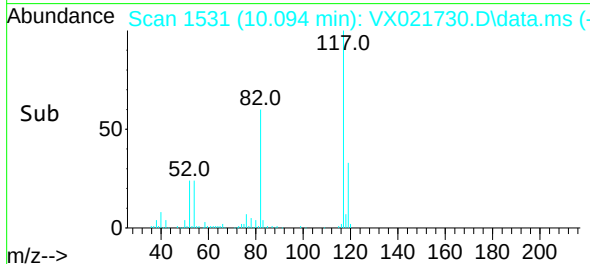
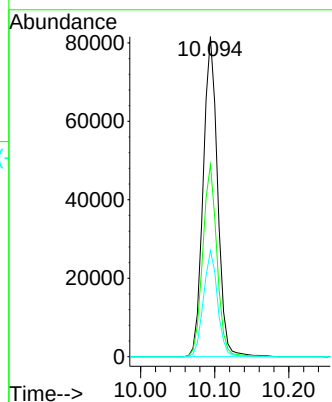
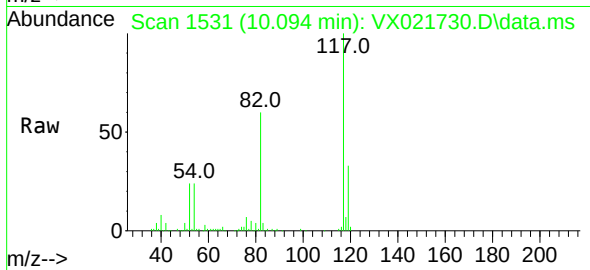




#63  
Chlorobenzene-d5  
Concen: 50.00 ug/l  
RT: 10.094 min Scan# 1531  
Delta R.T. 0.000 min  
Lab File: VX021730.D  
Acq: 02 Apr 2021 10:06

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0401WBL02

Tgt Ion:117 Resp: 110243  
Ion Ratio Lower Upper  
117 100  
82 60.0 47.4 71.2  
119 33.2 26.6 39.8



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.00 ug/l  
RT: 12.059 min Scan# 1865  
Delta R.T. 0.000 min  
Lab File: VX021730.D  
Acq: 02 Apr 2021 10:06

Tgt Ion:152 Resp: 49878  
Ion Ratio Lower Upper  
152 100  
115 61.2 41.1 123.3  
150 159.5 0.0 349.0

