

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX032921\  
 Data File : VX021565.D  
 Acq On : 29 Mar 2021 10:36  
 Operator : JC/MD  
 Sample : VX0329WBL01  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0329WBL01

Quant Time: Mar 30 03:23:38 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       | 5.623  | 168   | 66153    | 50.00    | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene     | 6.829  | 114   | 120176   | 50.00    | ug/l  | 0.00     |
| 63) Chlorobenzene-d5        | 10.094 | 117   | 126472   | 50.00    | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 12.059 | 152   | 57784    | 50.00    | ug/l  | 0.00     |
| System Monitoring Compounds |        |       |          |          |       |          |
| 33) 1,2-Dichloroethane-d4   | 6.029  | 65    | 55523    | 50.44    | ug/l  | 0.00     |
| Spiked Amount               | 50.000 | Range | 78 - 117 | Recovery | =     | 100.88%  |
| 35) Dibromofluoromethane    | 5.458  | 113   | 42686    | 50.00    | ug/l  | 0.00     |
| Spiked Amount               | 50.000 | Range | 75 - 124 | Recovery | =     | 100.00%  |
| 50) Toluene-d8              | 8.694  | 98    | 152275   | 50.06    | ug/l  | 0.00     |
| Spiked Amount               | 50.000 | Range | 92 - 112 | Recovery | =     | 100.12%  |
| 62) 4-Bromofluorobenzene    | 11.118 | 95    | 63508    | 53.70    | ug/l  | 0.00     |
| Spiked Amount               | 50.000 | Range | 83 - 123 | Recovery | =     | 107.40%  |

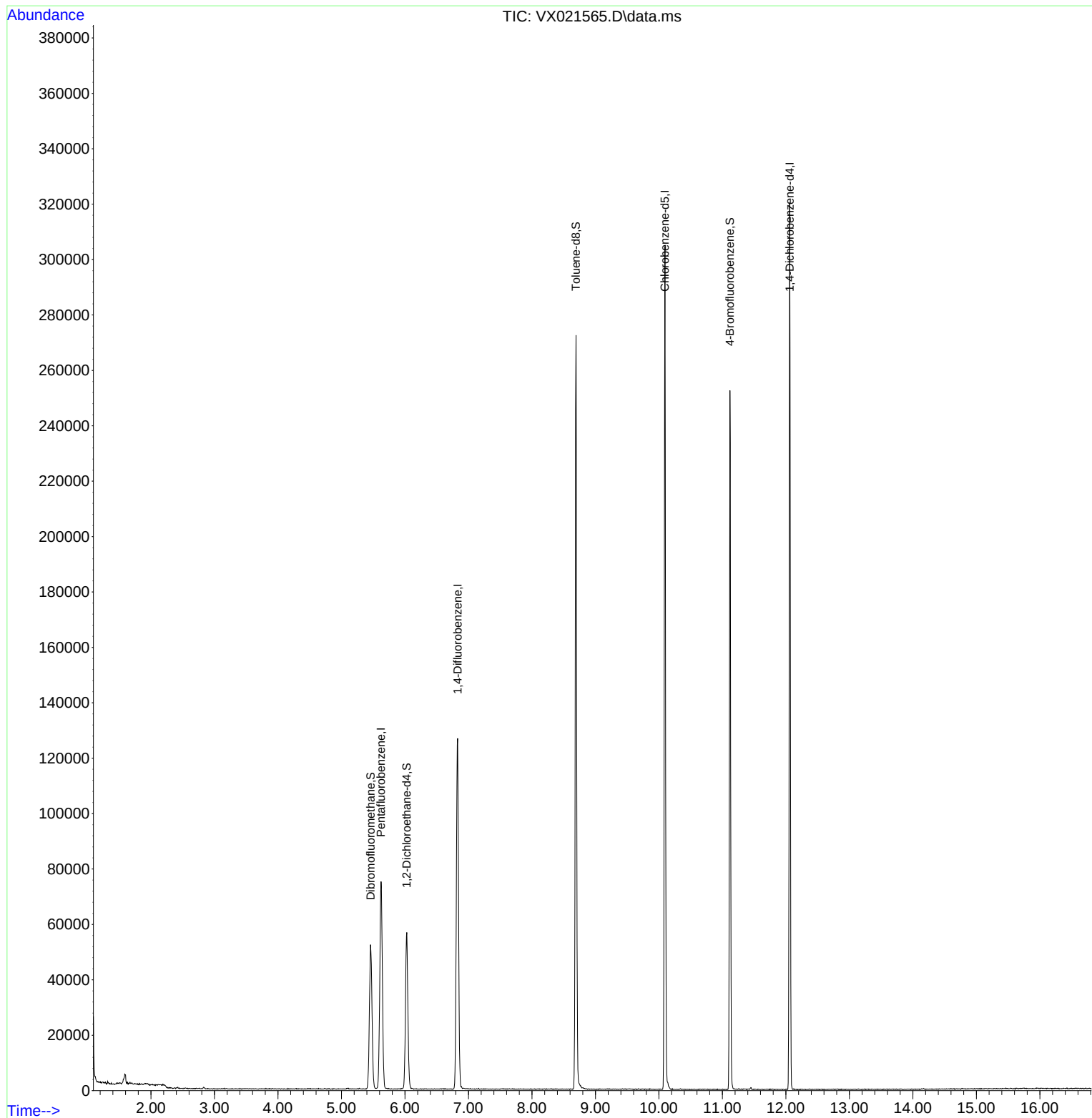
| Target Compounds | Qvalue |
|------------------|--------|
| -----            |        |

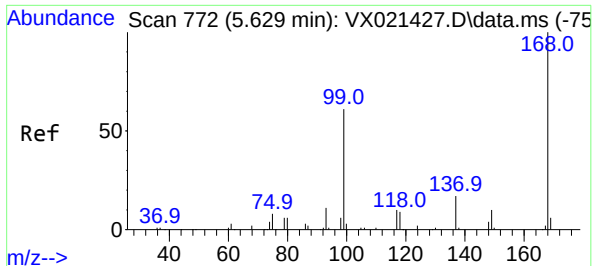
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ClientSampleId :  
VX0329WBL01

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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

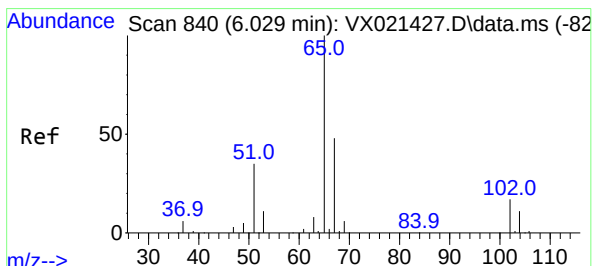
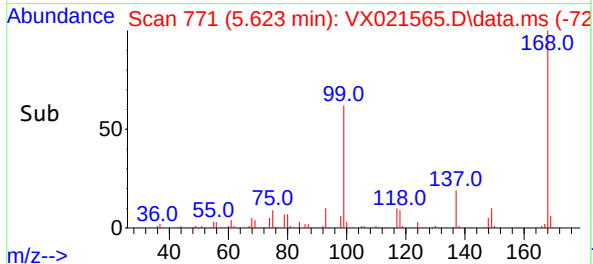
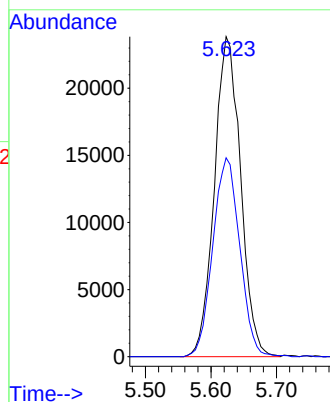
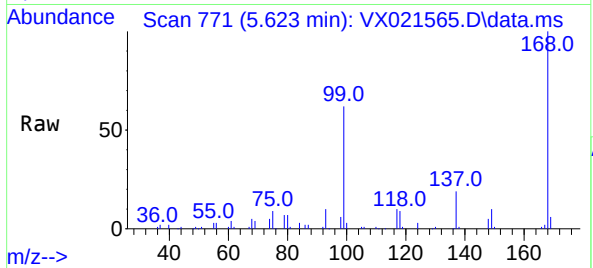




#1  
Pentafluorobenzene  
Concen: 50.00 ug/l  
RT: 5.623 min Scan# 771  
Delta R.T. -0.006 min  
Lab File: VX021565.D  
Acq: 29 Mar 2021 10:36

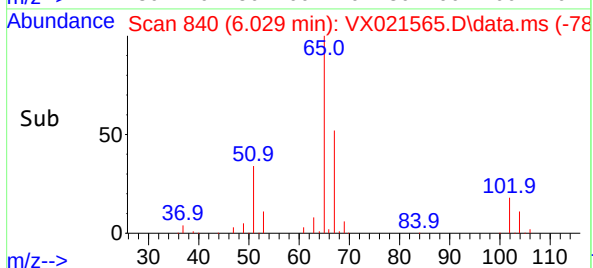
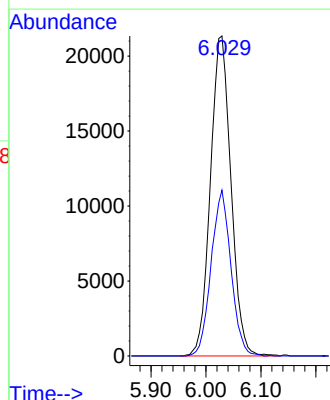
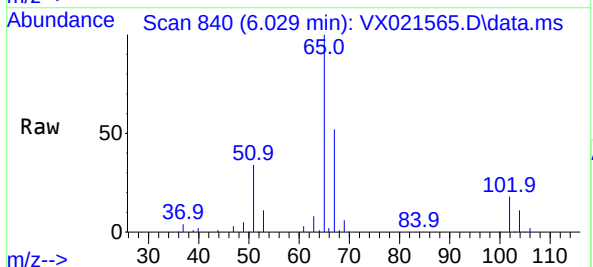
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0329WBL01

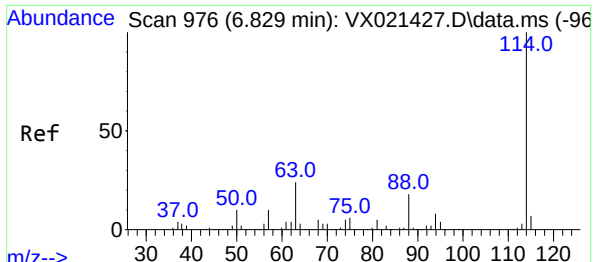
Tgt Ion:168 Resp: 66153  
Ion Ratio Lower Upper  
168 100  
99 62.2 45.8 68.6



#33  
1,2-Dichloroethane-d4  
Concen: 50.44 ug/l  
RT: 6.029 min Scan# 840  
Delta R.T. 0.000 min  
Lab File: VX021565.D  
Acq: 29 Mar 2021 10:36

Tgt Ion: 65 Resp: 55523  
Ion Ratio Lower Upper  
65 100  
67 49.9 0.0 105.4



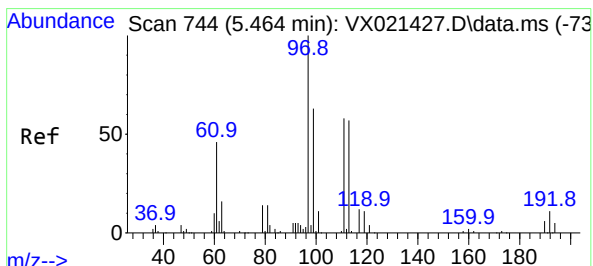
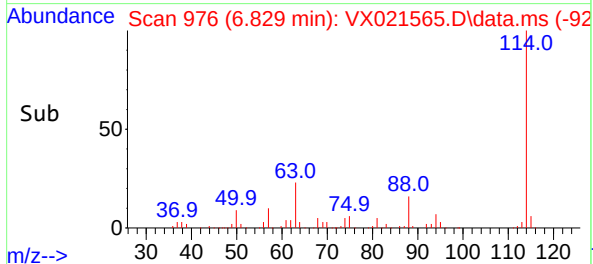
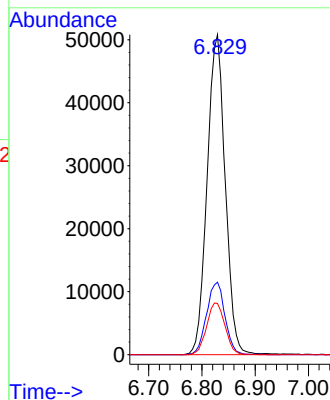
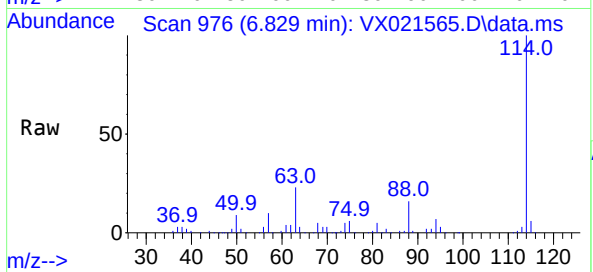


#34  
1,4-Difluorobenzene  
Concen: 50.00 ug/l  
RT: 6.829 min Scan# 976  
Delta R.T. 0.000 min  
Lab File: VX021565.D  
Acq: 29 Mar 2021 10:36

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0329WBL01

Tgt Ion:114 Resp: 120176

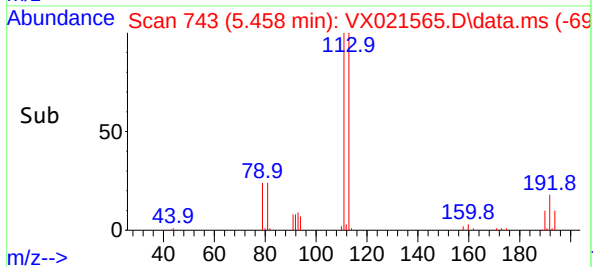
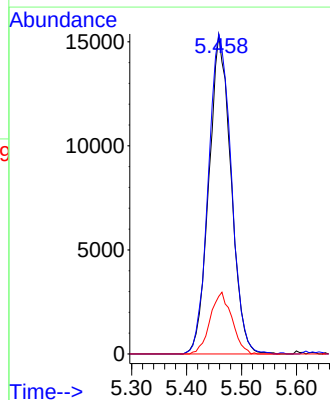
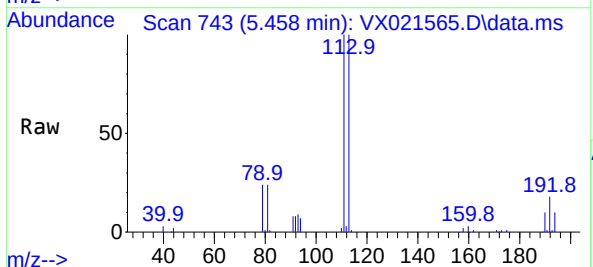
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 114 | 100   |       |       |
| 63  | 22.6  | 0.0   | 40.8  |
| 88  | 16.0  | 0.0   | 32.8  |

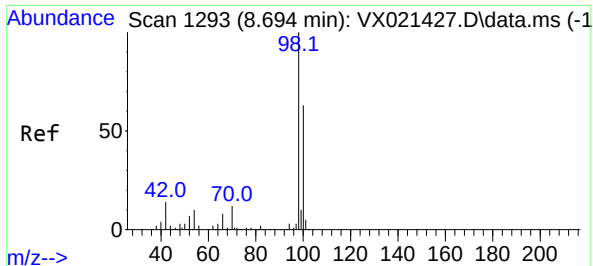


#35  
Dibromofluoromethane  
Concen: 50.00 ug/l  
RT: 5.458 min Scan# 743  
Delta R.T. -0.006 min  
Lab File: VX021565.D  
Acq: 29 Mar 2021 10:36

Tgt Ion:113 Resp: 42686

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 113 | 100   |       |       |
| 111 | 104.0 | 81.9  | 122.9 |
| 192 | 19.1  | 16.7  | 25.1  |

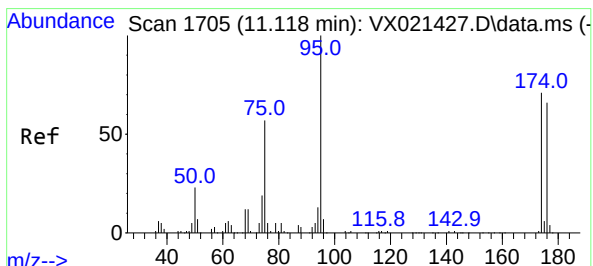
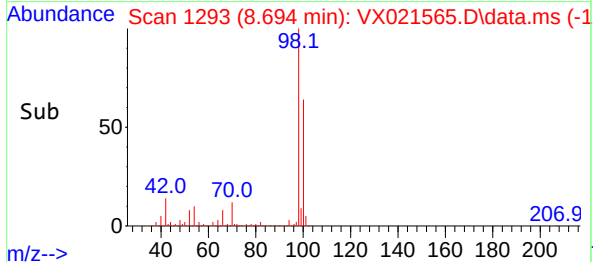
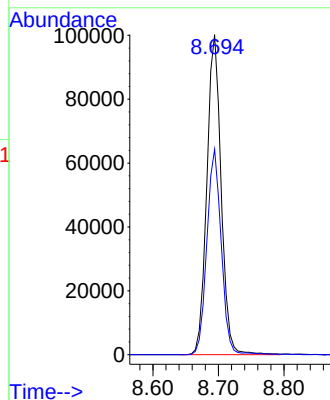
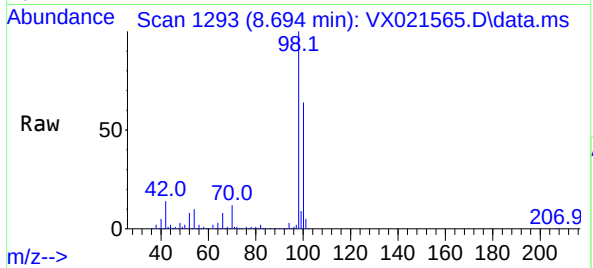




#50  
Toluene-d8  
Concen: 50.06 ug/l  
RT: 8.694 min Scan# 1293  
Delta R.T. 0.000 min  
Lab File: VX021565.D  
Acq: 29 Mar 2021 10:36

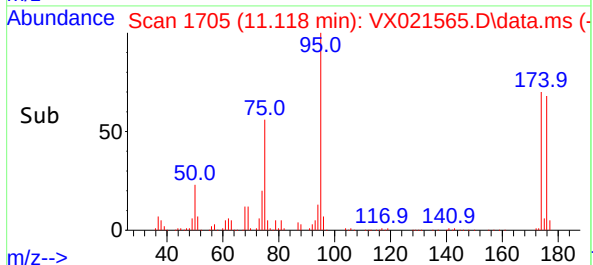
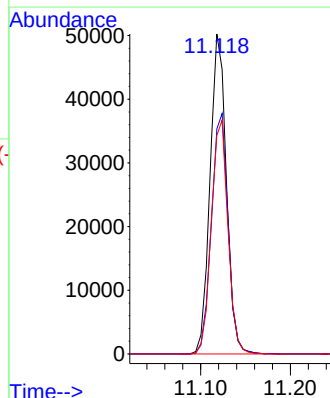
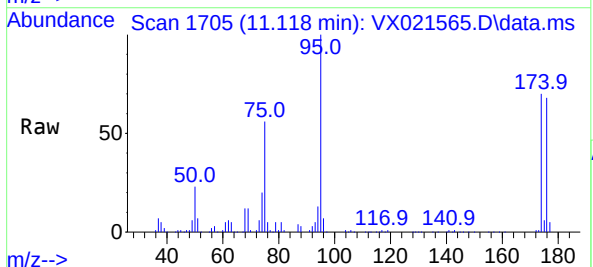
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0329WBL01

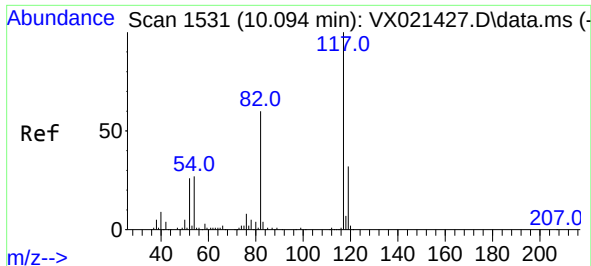
Tgt Ion: 98 Resp: 152275  
Ion Ratio Lower Upper  
98 100  
100 64.5 51.9 77.9



#62  
4-Bromofluorobenzene  
Concen: 53.70 ug/l  
RT: 11.118 min Scan# 1705  
Delta R.T. -0.000 min  
Lab File: VX021565.D  
Acq: 29 Mar 2021 10:36

Tgt Ion: 95 Resp: 63508  
Ion Ratio Lower Upper  
95 100  
174 76.7 0.0 154.6  
176 74.3 0.0 155.8

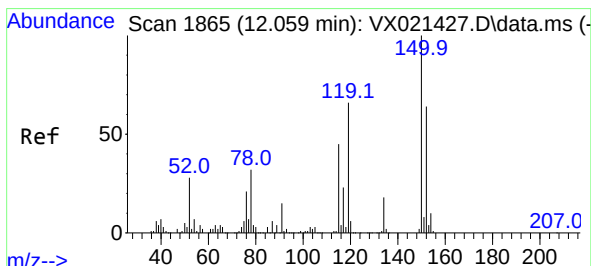
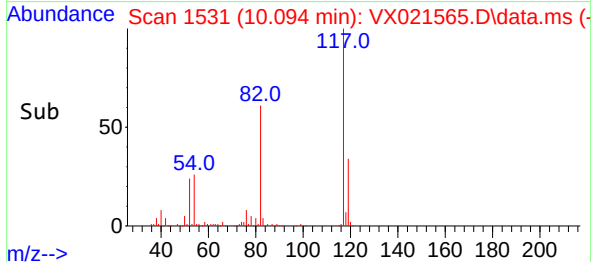
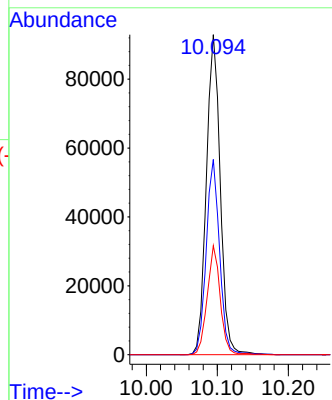
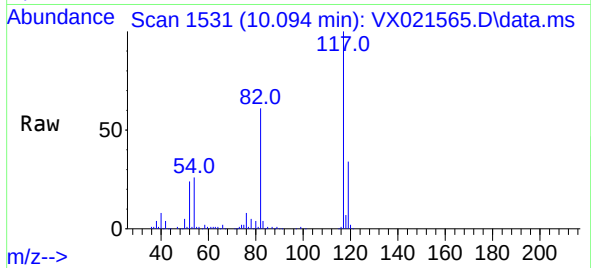




#63  
Chlorobenzene-d5  
Concen: 50.00 ug/l  
RT: 10.094 min Scan# 1531  
Delta R.T. 0.000 min  
Lab File: VX021565.D  
Acq: 29 Mar 2021 10:36

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0329WBL01

Tgt Ion:117 Resp: 126472  
Ion Ratio Lower Upper  
117 100  
82 61.0 47.4 71.2  
119 34.0 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: VX021565.D  
Acq: 29 Mar 2021 10:36

Tgt Ion:152 Resp: 57784  
Ion Ratio Lower Upper  
152 100  
115 63.9 41.1 123.3  
150 162.4 0.0 349.0

