

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX032121\  
 Data File : VX021322.D  
 Acq On : 20 Mar 2021 02:38  
 Operator : JC/MD  
 Sample : VX0321WBL02  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 32 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0321WBL02

Quant Time: Mar 20 06:39:54 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X031621W.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Mar 16 14:00:21 2021  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon  | Response | Conc     | Units | Dev(Min) |
|-----------------------------|--------|-------|----------|----------|-------|----------|
| -----                       |        |       |          |          |       |          |
| Internal Standards          |        |       |          |          |       |          |
| 1) Pentafluorobenzene       | 5.623  | 168   | 86188    | 50.00    | ug/l  | -0.01    |
| 34) 1,4-Difluorobenzene     | 6.823  | 114   | 142547   | 50.00    | ug/l  | 0.00     |
| 63) Chlorobenzene-d5        | 10.094 | 117   | 127408   | 50.00    | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 12.059 | 152   | 49687    | 50.00    | ug/l  | 0.00     |
| System Monitoring Compounds |        |       |          |          |       |          |
| 33) 1,2-Dichloroethane-d4   | 6.023  | 65    | 67464    | 47.72    | ug/l  | 0.00     |
| Spiked Amount               | 50.000 | Range | 78 - 117 | Recovery | =     | 95.44%   |
| 35) Dibromofluoromethane    | 5.458  | 113   | 48573    | 50.08    | ug/l  | 0.00     |
| Spiked Amount               | 50.000 | Range | 75 - 124 | Recovery | =     | 100.16%  |
| 50) Toluene-d8              | 8.694  | 98    | 174361   | 49.54    | ug/l  | 0.00     |
| Spiked Amount               | 50.000 | Range | 92 - 112 | Recovery | =     | 99.08%   |
| 62) 4-Bromofluorobenzene    | 11.118 | 95    | 60279    | 44.10    | ug/l  | 0.00     |
| Spiked Amount               | 50.000 | Range | 83 - 123 | Recovery | =     | 88.20%   |

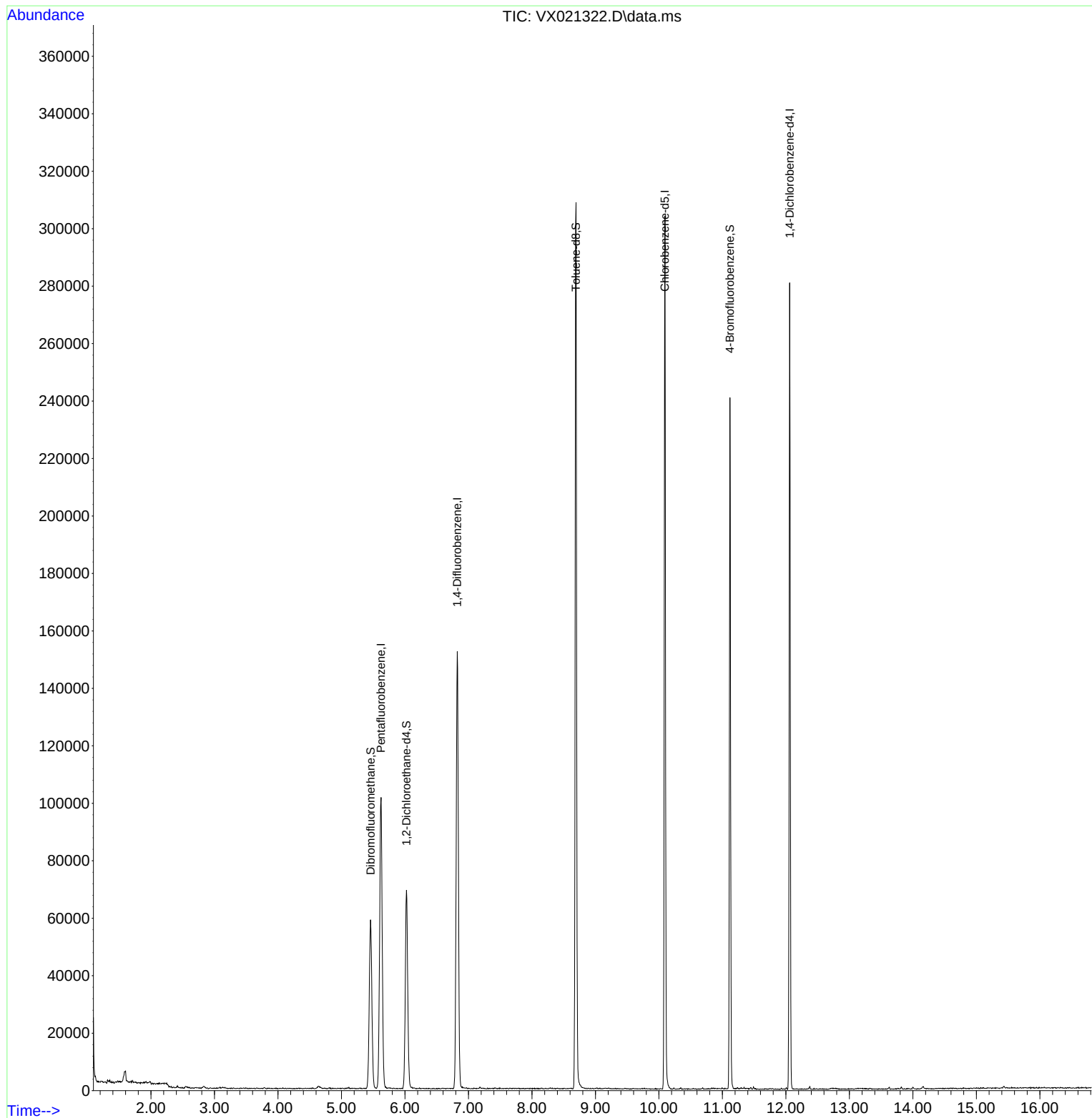
| Target Compounds | Qvalue |
|------------------|--------|
| -----            |        |

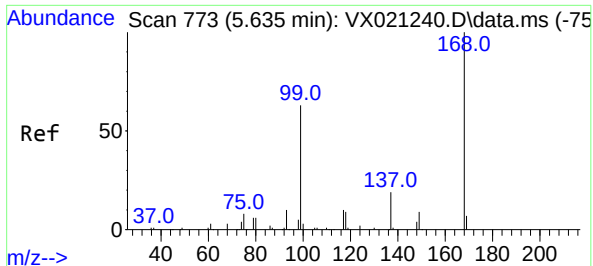
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Mar 20 06:39:54 2021  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X031621W.M  
Quant Title : SW846 8260  
QLast Update : Tue Mar 16 14:00:21 2021  
Response via : Initial Calibration

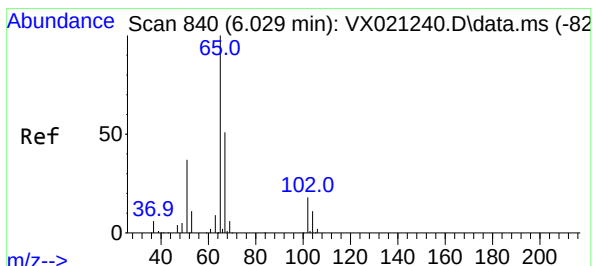
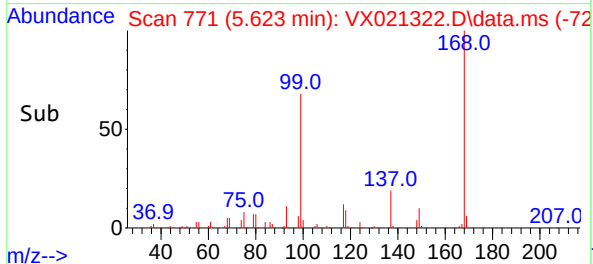
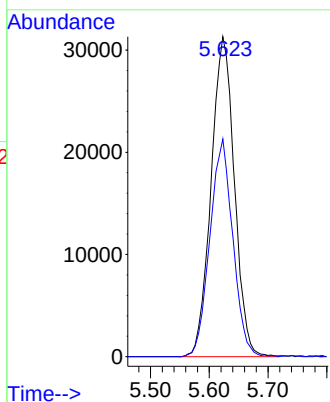
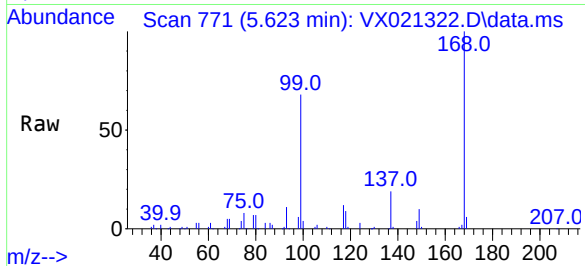




#1  
Pentafluorobenzene  
Concen: 50.00 ug/l  
RT: 5.623 min Scan# 771  
Delta R.T. -0.012 min  
Lab File: VX021322.D  
Acq: 20 Mar 2021 02:38

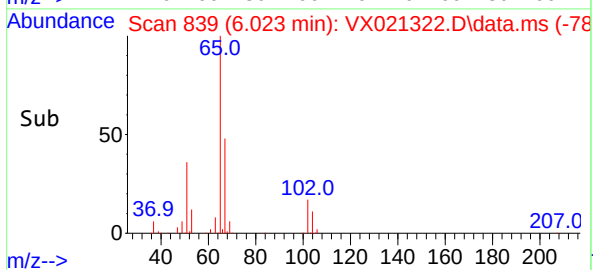
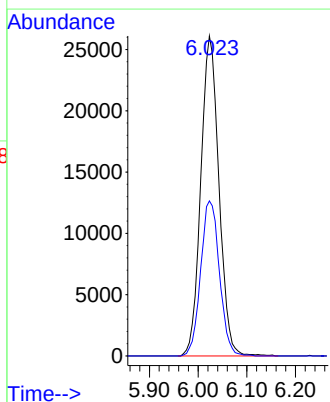
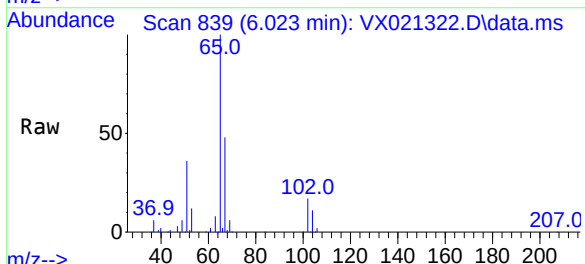
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0321WBL02

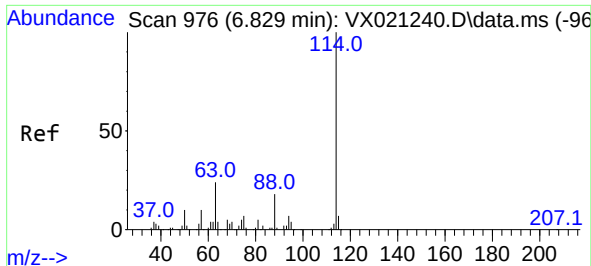
Tgt Ion:168 Resp: 86188  
Ion Ratio Lower Upper  
168 100  
99 68.1 45.8 68.6



#33  
1,2-Dichloroethane-d4  
Concen: 47.72 ug/l  
RT: 6.023 min Scan# 839  
Delta R.T. -0.006 min  
Lab File: VX021322.D  
Acq: 20 Mar 2021 02:38

Tgt Ion: 65 Resp: 67464  
Ion Ratio Lower Upper  
65 100  
67 50.1 0.0 105.4



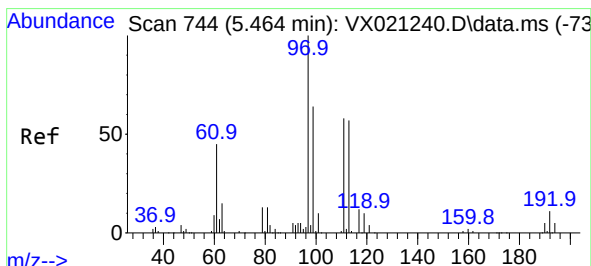
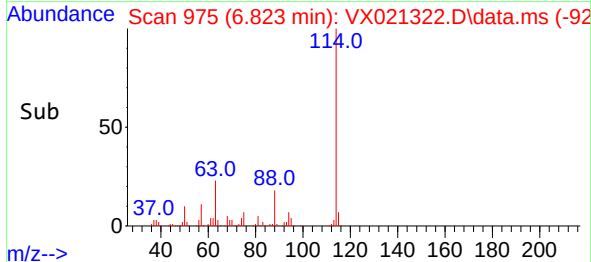
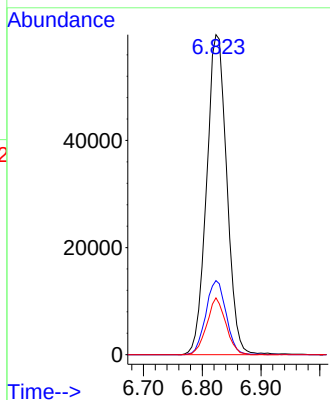
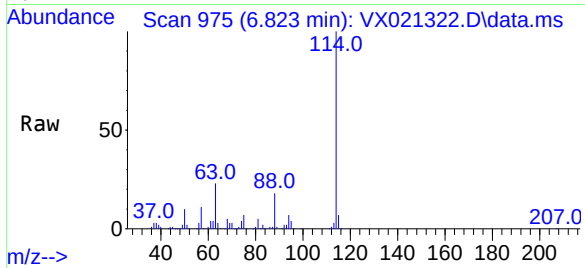


#34  
1,4-Difluorobenzene  
Concen: 50.00 ug/l  
RT: 6.823 min Scan# 975  
Delta R.T. -0.006 min  
Lab File: VX021322.D  
Acq: 20 Mar 2021 02:38

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0321WBL02

Tgt Ion:114 Resp: 142547

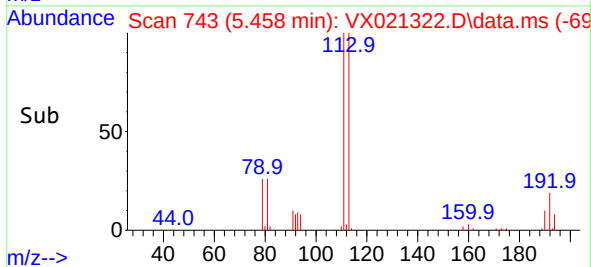
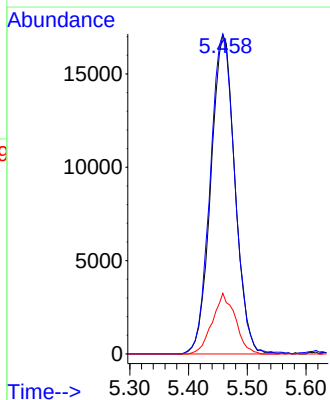
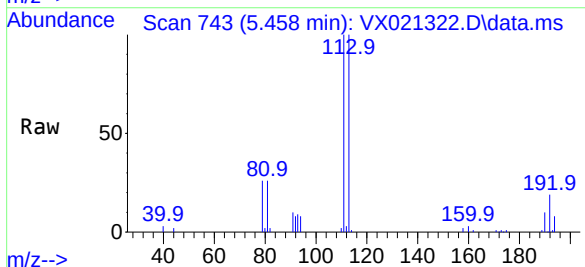
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 114 | 100   |       |       |
| 63  | 23.2  | 0.0   | 40.8  |
| 88  | 17.8  | 0.0   | 32.8  |

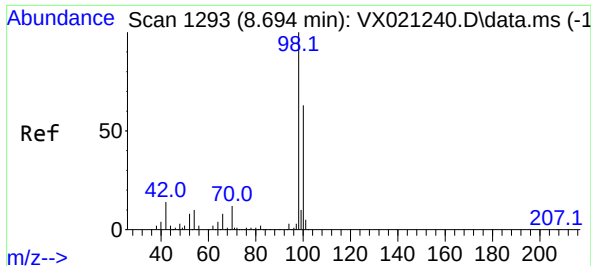


#35  
Dibromofluoromethane  
Concen: 50.08 ug/l  
RT: 5.458 min Scan# 743  
Delta R.T. -0.006 min  
Lab File: VX021322.D  
Acq: 20 Mar 2021 02:38

Tgt Ion:113 Resp: 48573

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 113 | 100   |       |       |
| 111 | 102.3 | 81.9  | 122.9 |
| 192 | 18.1  | 16.7  | 25.1  |

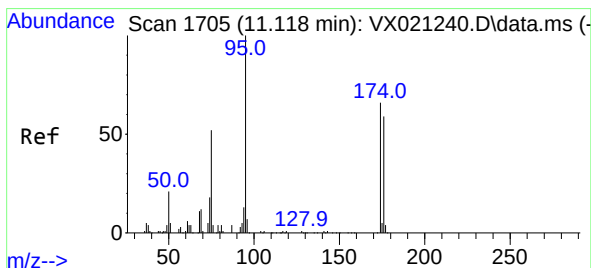
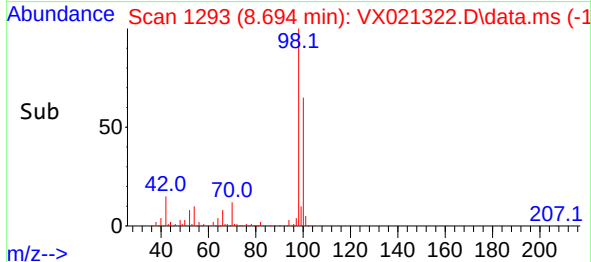
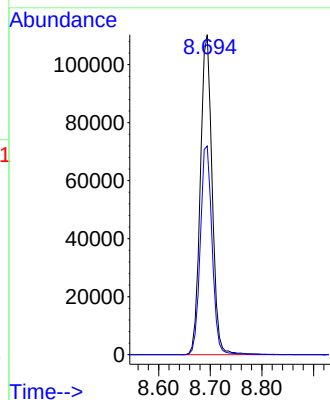
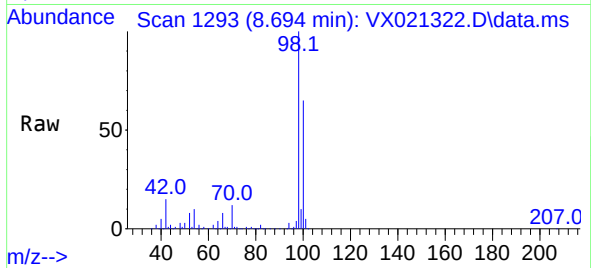




#50  
Toluene-d8  
Concen: 49.54 ug/l  
RT: 8.694 min Scan# 1293  
Delta R.T. 0.000 min  
Lab File: VX021322.D  
Acq: 20 Mar 2021 02:38

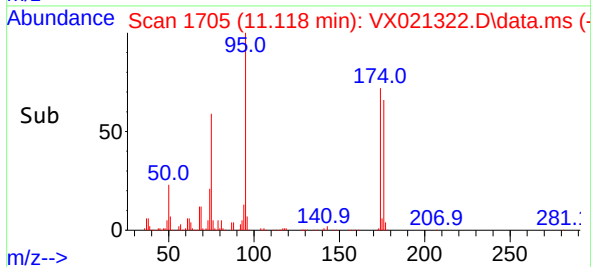
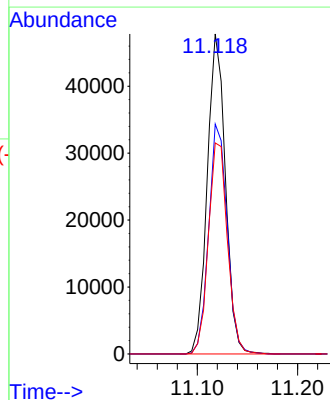
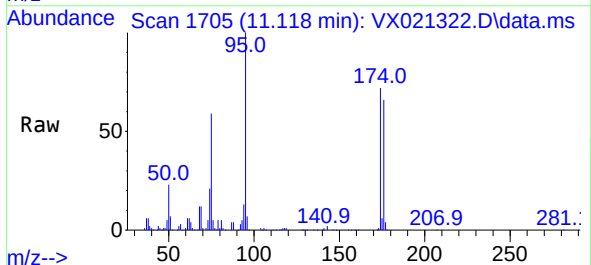
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0321WBL02

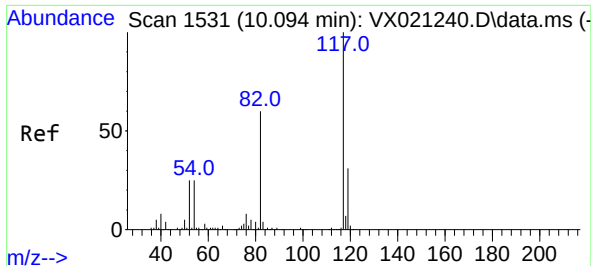
Tgt Ion: 98 Resp: 174361  
Ion Ratio Lower Upper  
98 100  
100 65.3 51.9 77.9



#62  
4-Bromofluorobenzene  
Concen: 44.10 ug/l  
RT: 11.118 min Scan# 1705  
Delta R.T. -0.000 min  
Lab File: VX021322.D  
Acq: 20 Mar 2021 02:38

Tgt Ion: 95 Resp: 60279  
Ion Ratio Lower Upper  
95 100  
174 73.3 0.0 154.6  
176 69.4 0.0 155.8

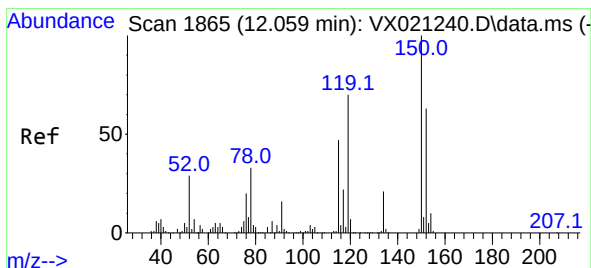
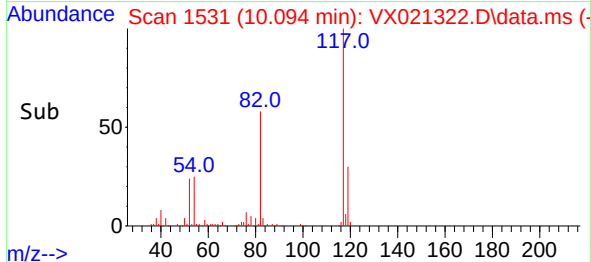
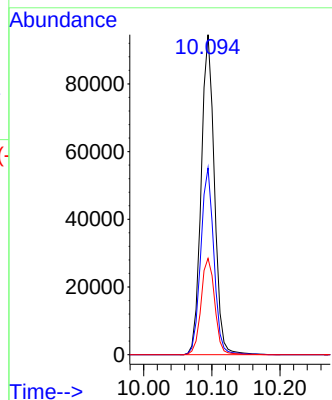
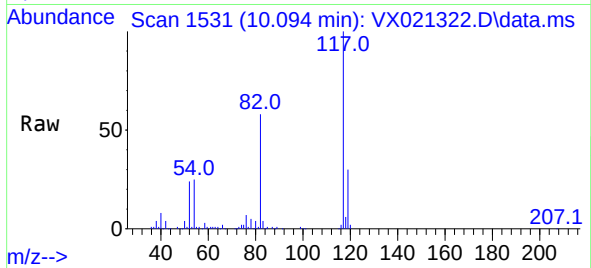




#63  
Chlorobenzene-d5  
Concen: 50.00 ug/l  
RT: 10.094 min Scan# 1531  
Delta R.T. 0.000 min  
Lab File: VX021322.D  
Acq: 20 Mar 2021 02:38

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0321WBL02

|             |       |        |       |
|-------------|-------|--------|-------|
| Tgt Ion:117 | Resp: | 127408 |       |
| Ion         | Ratio | Lower  | Upper |
| 117         | 100   |        |       |
| 82          | 58.4  | 47.4   | 71.2  |
| 119         | 30.1  | 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: VX021322.D  
Acq: 20 Mar 2021 02:38

|             |       |       |       |
|-------------|-------|-------|-------|
| Tgt Ion:152 | Resp: | 49687 |       |
| Ion         | Ratio | Lower | Upper |
| 152         | 100   |       |       |
| 115         | 65.1  | 41.1  | 123.3 |
| 150         | 159.0 | 0.0   | 349.0 |

