

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX122420\  
 Data File : VX020382.D  
 Acq On : 24 Dec 2020 13:02  
 Operator : JC/MD  
 Sample : L5123-22  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 RE139D2-20201214

Quant Time: Dec 25 01:11:56 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X121820W.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Dec 18 13:09:49 2020  
 Response via : Initial Calibration

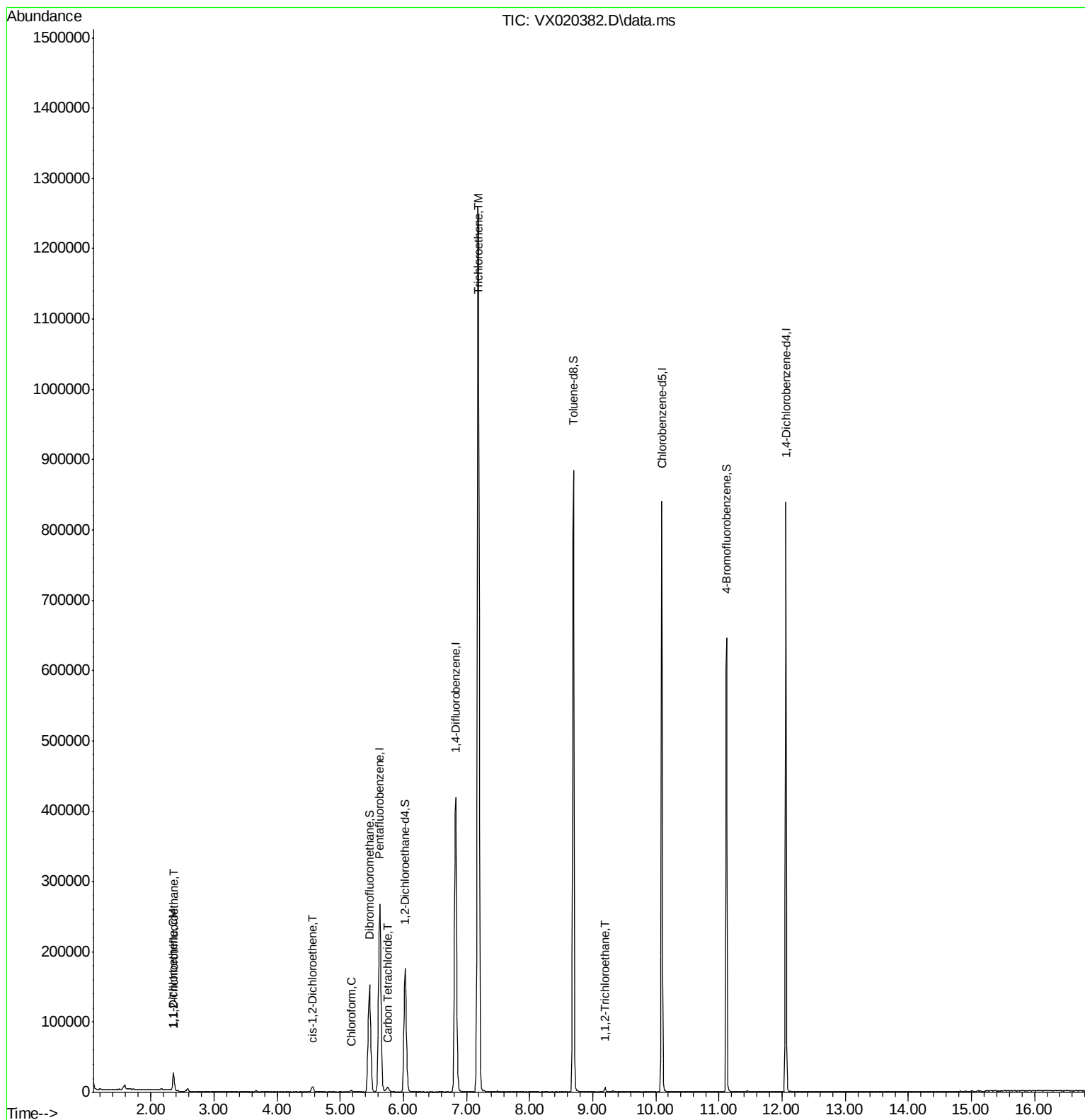
| Compound                     | R.T.   | QIon           | Response | Conc   | Units   | Dev(Min) |
|------------------------------|--------|----------------|----------|--------|---------|----------|
| -----                        |        |                |          |        |         |          |
| Internal Standards           |        |                |          |        |         |          |
| 1) Pentafluorobenzene        | 5.629  | 168            | 251651   | 50.00  | ug/l    | 0.01     |
| 34) 1,4-Difluorobenzene      | 6.830  | 114            | 420034   | 50.00  | ug/l    | 0.00     |
| 63) Chlorobenzene-d5         | 10.098 | 117            | 392775   | 50.00  | ug/l    | 0.00     |
| 72) 1,4-Dichlorobenzene-d4   | 12.061 | 152            | 167768   | 50.00  | ug/l    | 0.00     |
| System Monitoring Compounds  |        |                |          |        |         |          |
| 33) 1,2-Dichloroethane-d4    | 6.025  | 65             | 169801   | 50.34  | ug/l    | 0.00     |
| Spiked Amount                | 50.000 | Range 61 - 141 | Recovery | =      | 100.68% |          |
| 35) Dibromofluoromethane     | 5.465  | 113            | 134145   | 49.92  | ug/l    | 0.00     |
| Spiked Amount                | 50.000 | Range 69 - 133 | Recovery | =      | 99.84%  |          |
| 50) Toluene-d8               | 8.696  | 98             | 514650   | 49.76  | ug/l    | 0.00     |
| Spiked Amount                | 50.000 | Range 65 - 126 | Recovery | =      | 99.52%  |          |
| 62) 4-Bromofluorobenzene     | 11.122 | 95             | 177854   | 44.93  | ug/l    | 0.00     |
| Spiked Amount                | 50.000 | Range 58 - 135 | Recovery | =      | 89.86%  |          |
| Target Compounds             |        |                |          |        |         |          |
|                              |        |                |          |        |         | Qvalue   |
| 9) 1,1,2-Trichlorotrifluo... | 2.361  | 101            | 4822     | 1.92   | ug/l    | 98       |
| 12) 1,1-Dichloroethene       | 2.355  | 96             | 5459     | 2.12   | ug/l    | 92       |
| 27) cis-1,2-Dichloroethene   | 4.556  | 96             | 4793     | 1.36   | ug/l    | 94       |
| 30) Chloroform               | 5.178  | 83             | 2243     | 0.40   | ug/l #  | 80       |
| 38) Carbon Tetrachloride     | 5.751  | 117            | 6031     | 1.53   | ug/l    | 94       |
| 44) Trichloroethene          | 7.184  | 130            | 489968   | 146.68 | ug/l    | 97       |
| 55) 1,1,2-Trichloroethane    | 9.196  | 97             | 1942     | 0.60   | ug/l    | 92       |
| -----                        |        |                |          |        |         |          |

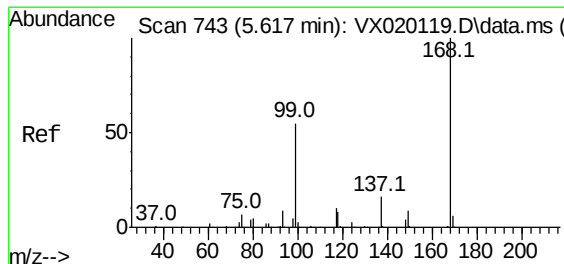
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX122420\  
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Instrument :  
MSVOA\_X  
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Quant Time: Dec 25 01:11:56 2020  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X121820W.M  
Quant Title : SW846 8260  
QLast Update : Fri Dec 18 13:09:49 2020  
Response via : Initial Calibration

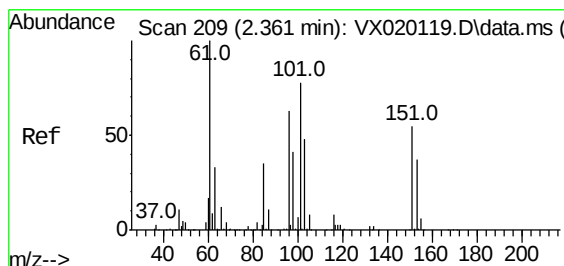
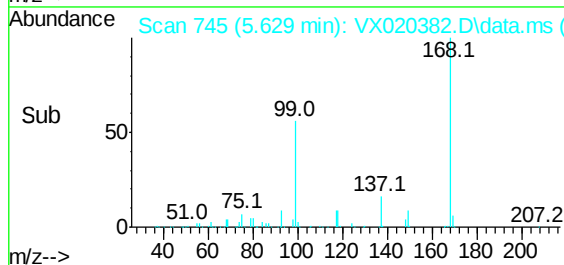
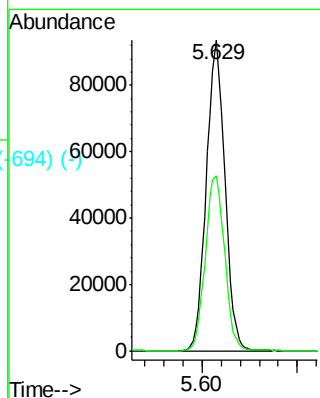
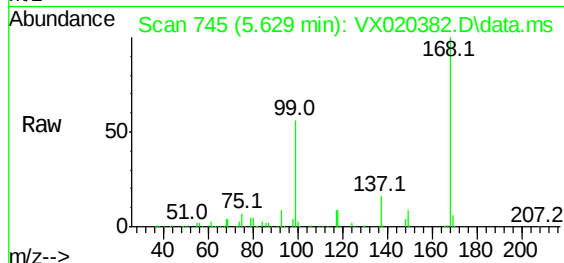




Scan 743 (5.617 min): VX020119.D\data.ms (-743) (-)  
 Pentafluorobenzene  
 Concen: 50.00 ug/l  
 RT: 5.629 min Scan# 745  
 Delta R.T. 0.012 min  
 Lab File: VX020382.D  
 Acq: 24 Dec 2020 13:02

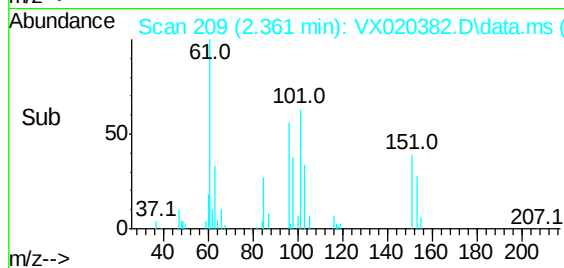
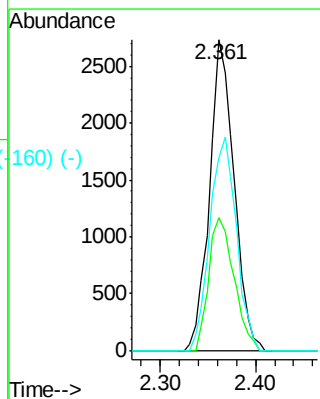
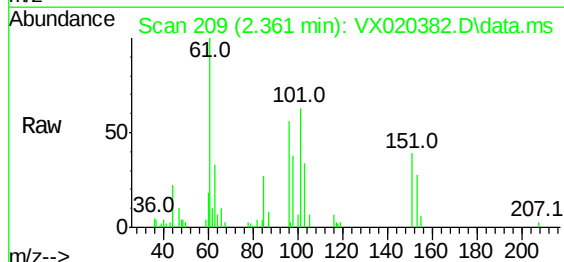
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 RE139D2-20201214

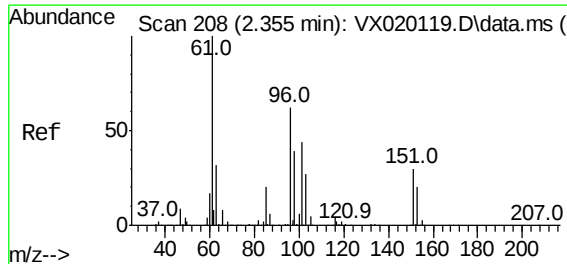
Tgt Ion:168 Resp: 251651  
 Ion Ratio Lower Upper  
 168 100  
 99 56.4 45.8 68.6



Scan 209 (2.361 min): VX020119.D\data.ms (-209) (-)  
 1,1,2-Trichlorotrifluoroethane  
 Concen: 1.92 ug/l  
 RT: 2.361 min Scan# 209  
 Delta R.T. 0.000 min  
 Lab File: VX020382.D  
 Acq: 24 Dec 2020 13:02

Tgt Ion:101 Resp: 4822  
 Ion Ratio Lower Upper  
 101 100  
 85 44.0 34.9 52.3  
 151 74.2 61.4 92.2

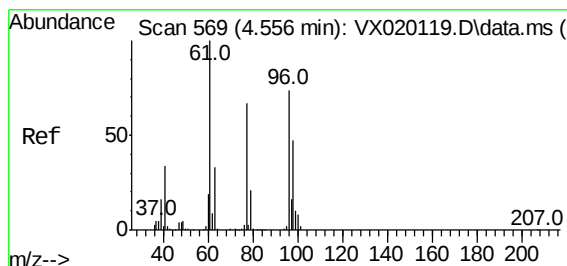
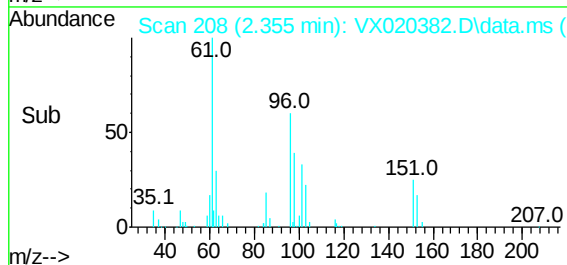
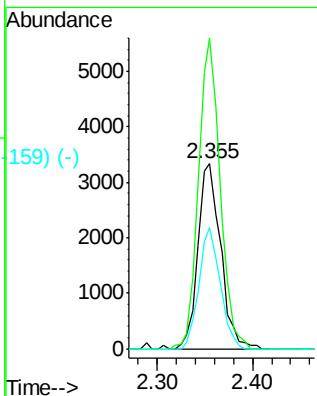
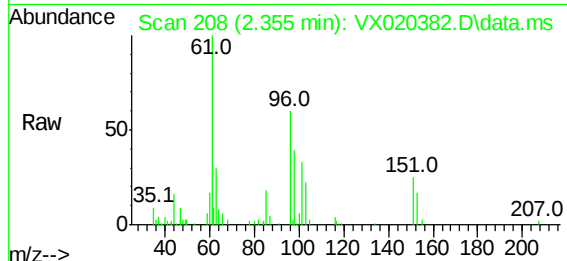




1,1-Dichloroethene  
Concen: 2.12 ug/l  
RT: 2.355 min Scan# 208  
Delta R.T. 0.000 min  
Lab File: VX020382.D  
Acq: 24 Dec 2020 13:02

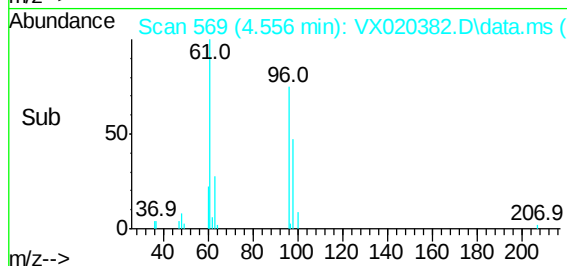
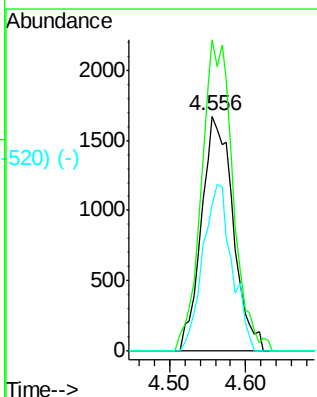
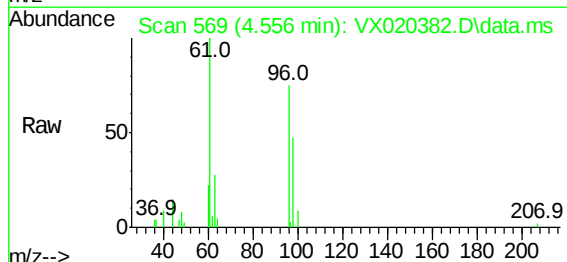
Instrument :  
MSVOA\_X  
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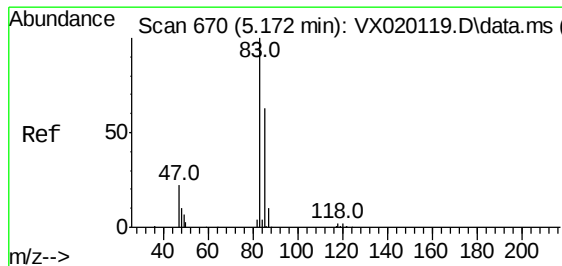
Tgt Ion: 96 Resp: 5459  
Ion Ratio Lower Upper  
96 100  
61 167.9 124.6 187.0  
98 65.8 50.6 76.0



cis-1,2-Dichloroethene  
Concen: 1.36 ug/l  
RT: 4.556 min Scan# 569  
Delta R.T. 0.000 min  
Lab File: VX020382.D  
Acq: 24 Dec 2020 13:02

Tgt Ion: 96 Resp: 4793  
Ion Ratio Lower Upper  
96 100  
61 132.4 0.0 285.6  
98 65.1 0.0 129.6

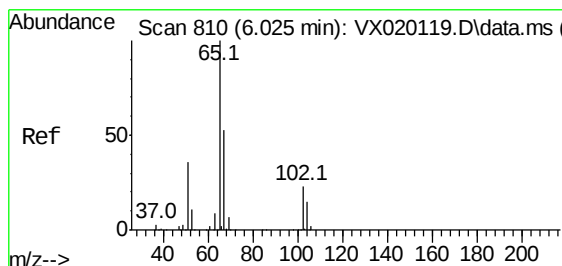
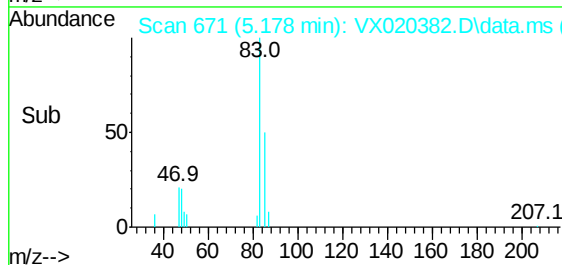
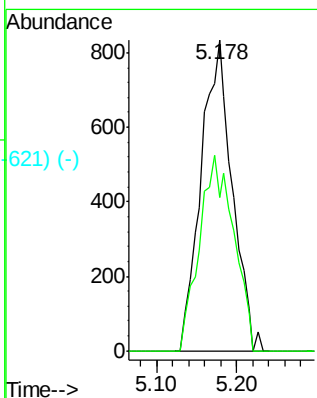
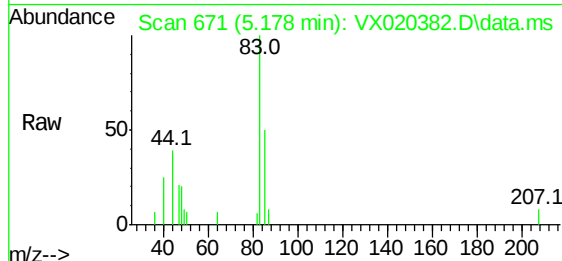




Chloroform  
Concen: 0.40 ug/l  
RT: 5.178 min Scan# 671  
Delta R.T. 0.006 min  
Lab File: VX020382.D  
Acq: 24 Dec 2020 13:02

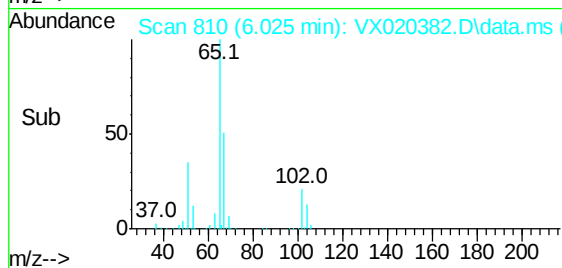
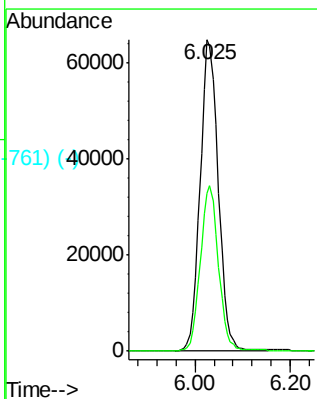
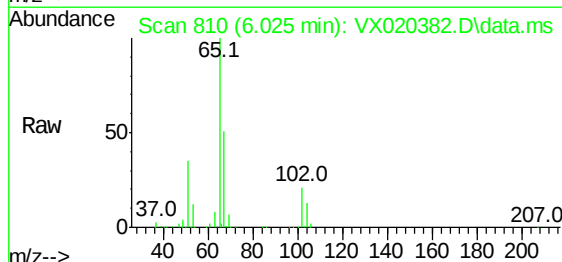
Instrument :  
MSVOA\_X  
ClientSampleId :  
RE139D2-20201214

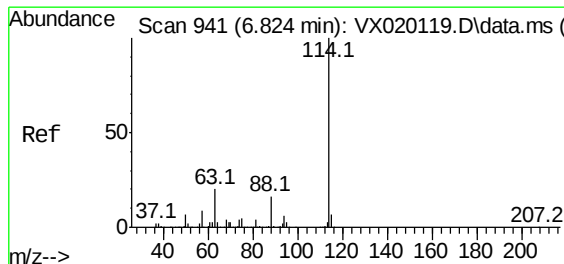
Tgt Ion: 83 Resp: 2243  
Ion Ratio Lower Upper  
83 100  
85 49.5 52.0 78.0#



1,2-Dichloroethane-d4  
Concen: 50.34 ug/l  
RT: 6.025 min Scan# 810  
Delta R.T. 0.000 min  
Lab File: VX020382.D  
Acq: 24 Dec 2020 13:02

Tgt Ion: 65 Resp: 169801  
Ion Ratio Lower Upper  
65 100  
67 52.5 0.0 105.4

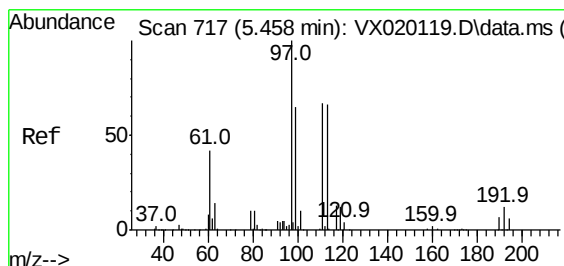
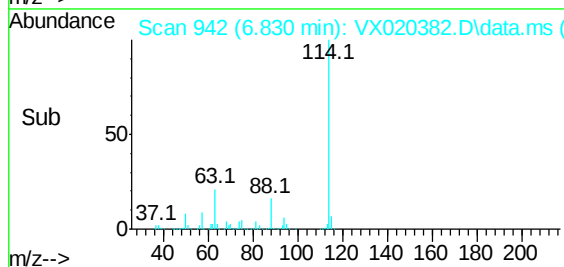
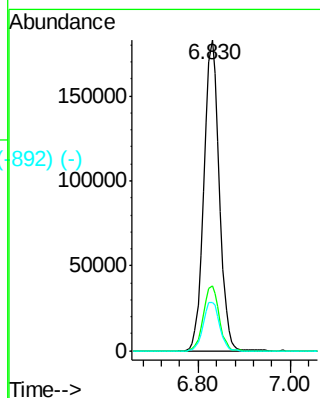
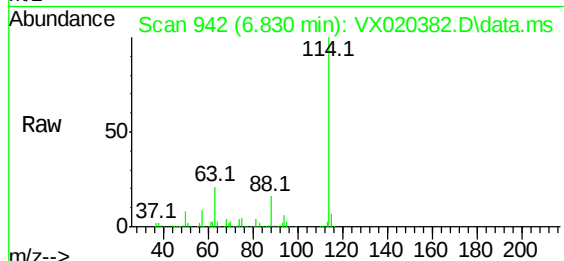




1,4-Difluorobenzene  
Concen: 50.00 ug/l  
RT: 6.830 min Scan# 942  
Delta R.T. 0.006 min  
Lab File: VX020382.D  
Acq: 24 Dec 2020 13:02

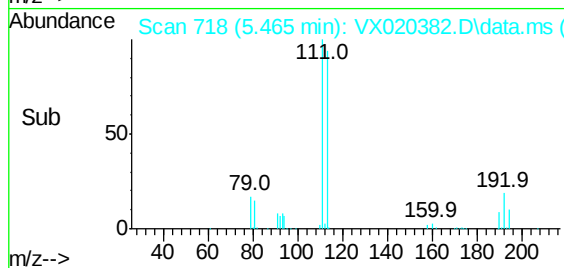
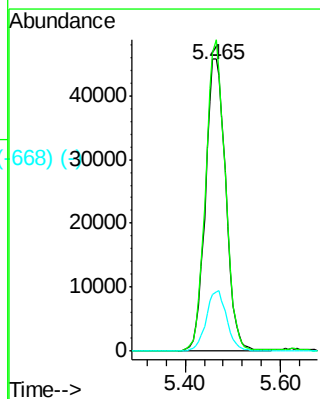
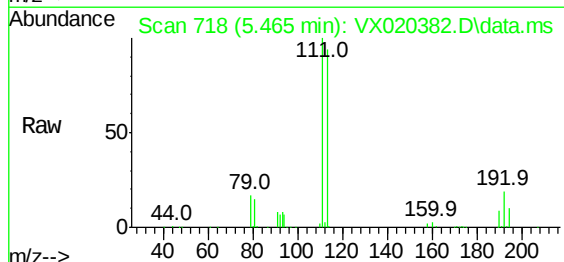
Instrument :  
MSVOA\_X  
ClientSampleId :  
RE139D2-20201214

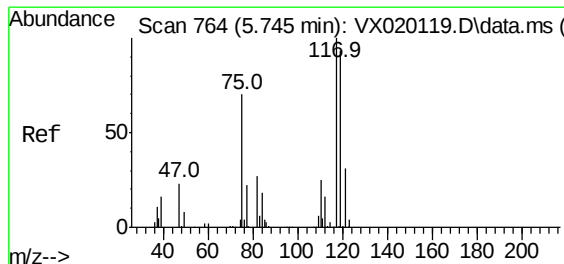
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 114   | Resp: | 420034 |
| Ion      | Ratio | Lower | Upper  |
| 114      | 100   |       |        |
| 63       | 20.7  | 0.0   | 40.8   |
| 88       | 15.7  | 0.0   | 32.8   |



Dibromofluoromethane  
Concen: 49.92 ug/l  
RT: 5.465 min Scan# 718  
Delta R.T. 0.006 min  
Lab File: VX020382.D  
Acq: 24 Dec 2020 13:02

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 113   | Resp: | 134145 |
| Ion      | Ratio | Lower | Upper  |
| 113      | 100   |       |        |
| 111      | 103.0 | 81.9  | 122.9  |
| 192      | 20.4  | 16.7  | 25.1   |

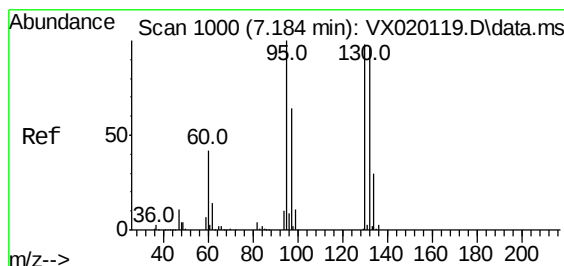
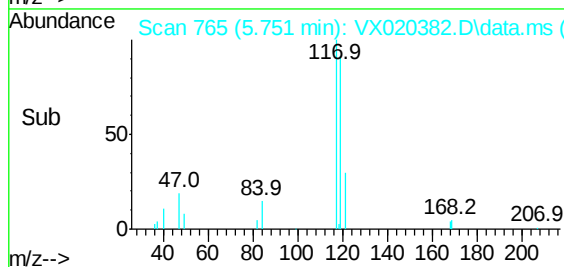
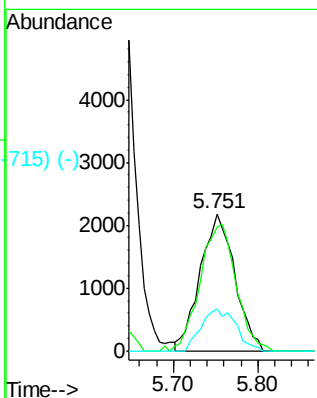
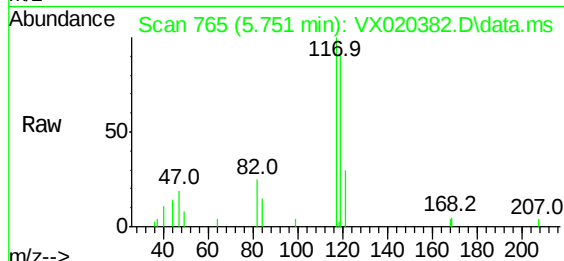




Carbon Tetrachloride  
Concen: 1.53 ug/l  
RT: 5.751 min Scan# 765  
Delta R.T. 0.006 min  
Lab File: VX020382.D  
Acq: 24 Dec 2020 13:02

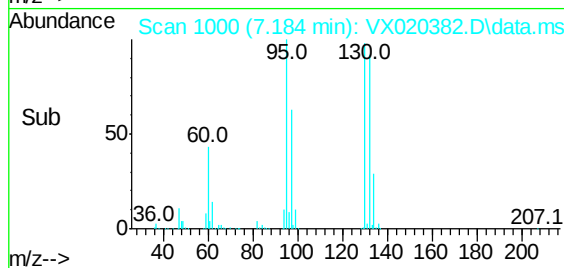
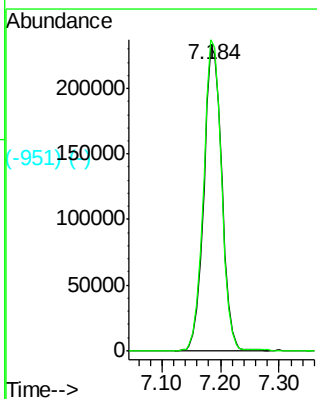
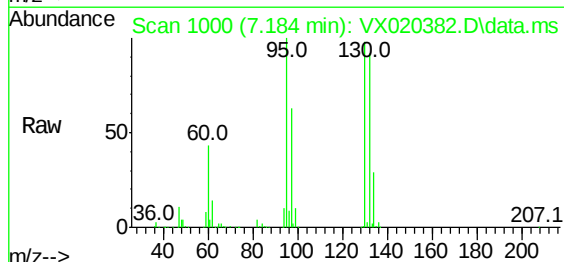
Instrument :  
MSVOA\_X  
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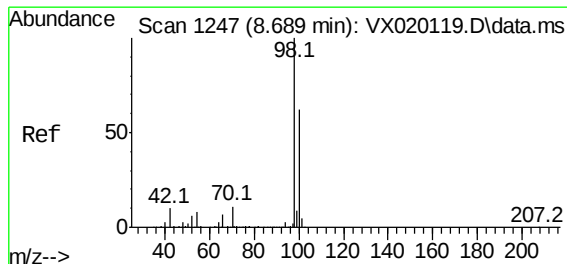
Tgt Ion:117 Resp: 6031  
Ion Ratio Lower Upper  
117 100  
119 88.1 76.2 114.2  
121 30.4 24.8 37.2



Trichloroethene  
Concen: 146.68 ug/l  
RT: 7.184 min Scan# 1000  
Delta R.T. -0.000 min  
Lab File: VX020382.D  
Acq: 24 Dec 2020 13:02

Tgt Ion:130 Resp: 489968  
Ion Ratio Lower Upper  
130 100  
95 102.4 0.0 198.0

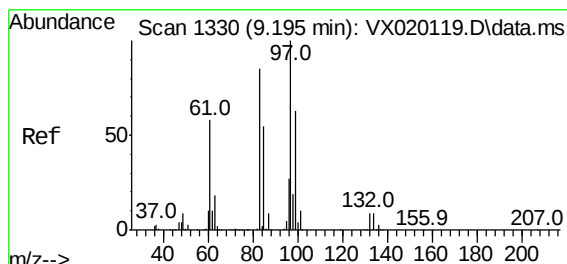
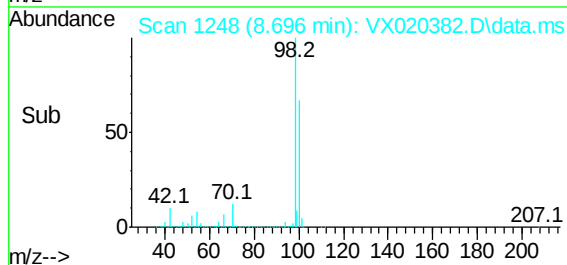
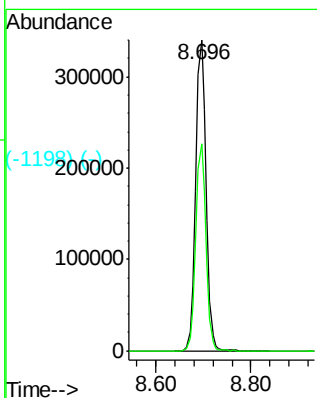
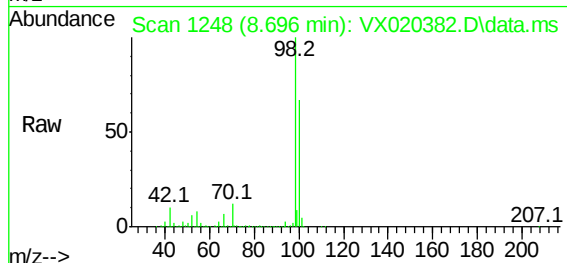




#599 (-)  
Toluene-d8  
Concen: 49.76 ug/l  
RT: 8.696 min Scan# 1248  
Delta R.T. 0.007 min  
Lab File: VX020382.D  
Acq: 24 Dec 2020 13:02

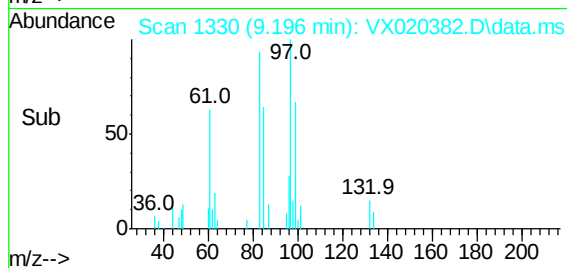
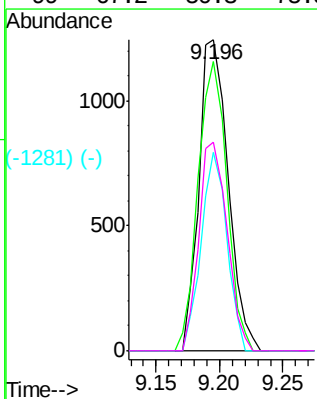
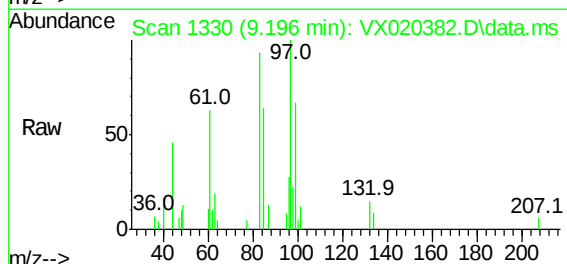
Instrument :  
MSVOA\_X  
ClientSampleId :  
RE139D2-20201214

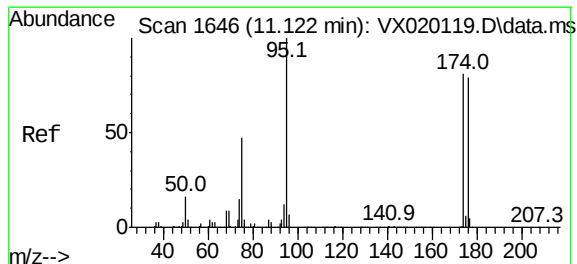
Tgt Ion: 98 Resp: 514650  
Ion Ratio Lower Upper  
98 100  
100 65.9 51.9 77.9



#559 (-)  
1,1,2-Trichloroethane  
Concen: 0.60 ug/l  
RT: 9.196 min Scan# 1330  
Delta R.T. 0.001 min  
Lab File: VX020382.D  
Acq: 24 Dec 2020 13:02

Tgt Ion: 97 Resp: 1942  
Ion Ratio Lower Upper  
97 100  
83 92.8 69.3 103.9  
85 63.6 44.3 66.5  
99 67.2 50.3 75.5

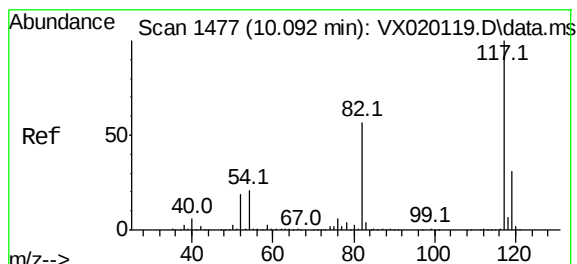
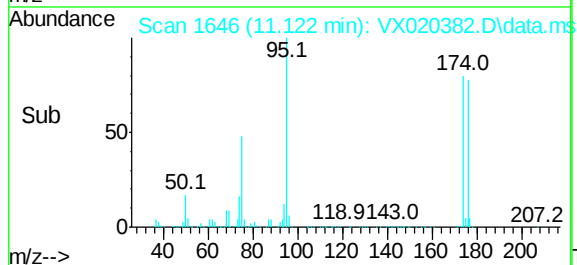
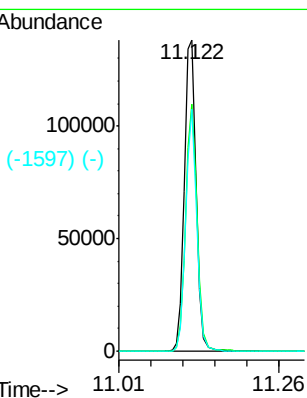
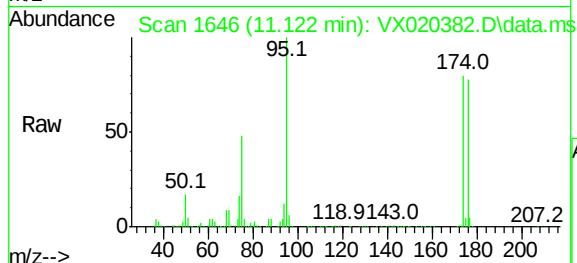




#639 (-)  
4-Bromofluorobenzene  
Concen: 44.93 ug/l  
RT: 11.122 min Scan# 1646  
Delta R.T. 0.000 min  
Lab File: VX020382.D  
Acq: 24 Dec 2020 13:02

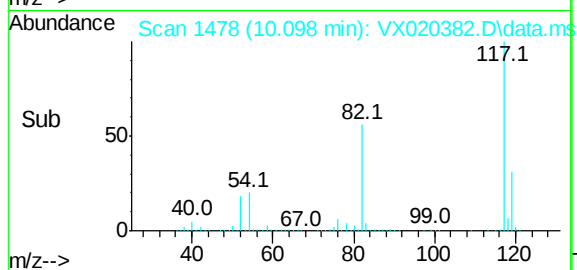
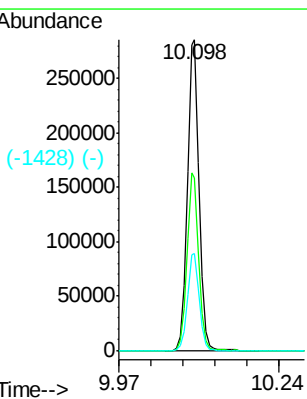
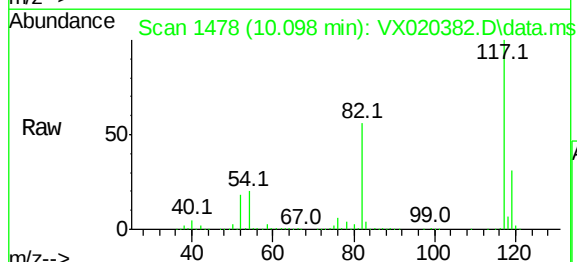
Instrument :  
MSVOA\_X  
ClientSampleId :  
RE139D2-20201214

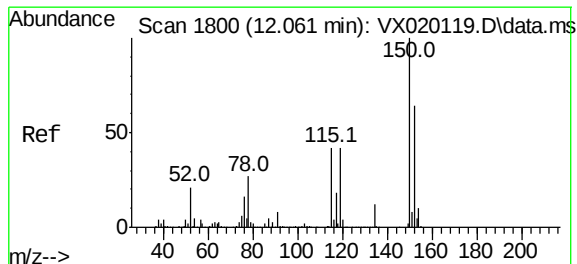
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 95    | Resp: | 177854 |
| Ion Ratio | Lower | Upper |        |
| 95        | 100   |       |        |
| 174       | 77.0  | 0.0   | 154.6  |
| 176       | 73.0  | 0.0   | 155.8  |



#640 (-)  
Chlorobenzene-d5  
Concen: 50.00 ug/l  
RT: 10.098 min Scan# 1478  
Delta R.T. 0.006 min  
Lab File: VX020382.D  
Acq: 24 Dec 2020 13:02

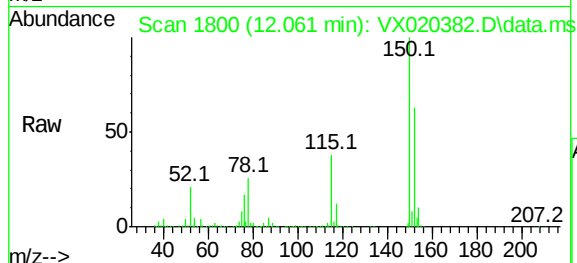
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 117   | Resp: | 392775 |
| Ion Ratio | Lower | Upper |        |
| 117       | 100   |       |        |
| 82        | 55.7  | 47.4  | 71.2   |
| 119       | 31.3  | 26.6  | 39.8   |





#1794 (-)  
 1,4-Dichlorobenzene-d4  
 Concen: 50.00 ug/l  
 RT: 12.061 min Scan# 1800  
 Delta R.T. -0.000 min  
 Lab File: VX020382.D  
 Acq: 24 Dec 2020 13:02

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 RE139D2-20201214



|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 152   | Resp: | 167768 |
| Ion      | Ratio | Lower | Upper  |
| 152      | 100   |       |        |
| 115      | 61.4  | 41.1  | 123.3  |
| 150      | 158.1 | 0.0   | 349.0  |

