

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\WX122320\  
 Data File : VX020332.D  
 Acq On : 23 Dec 2020 12:47  
 Operator : JC/MD  
 Sample : L5124-02  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 RE131D3-20201211

Quant Time: Dec 24 00:15:33 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

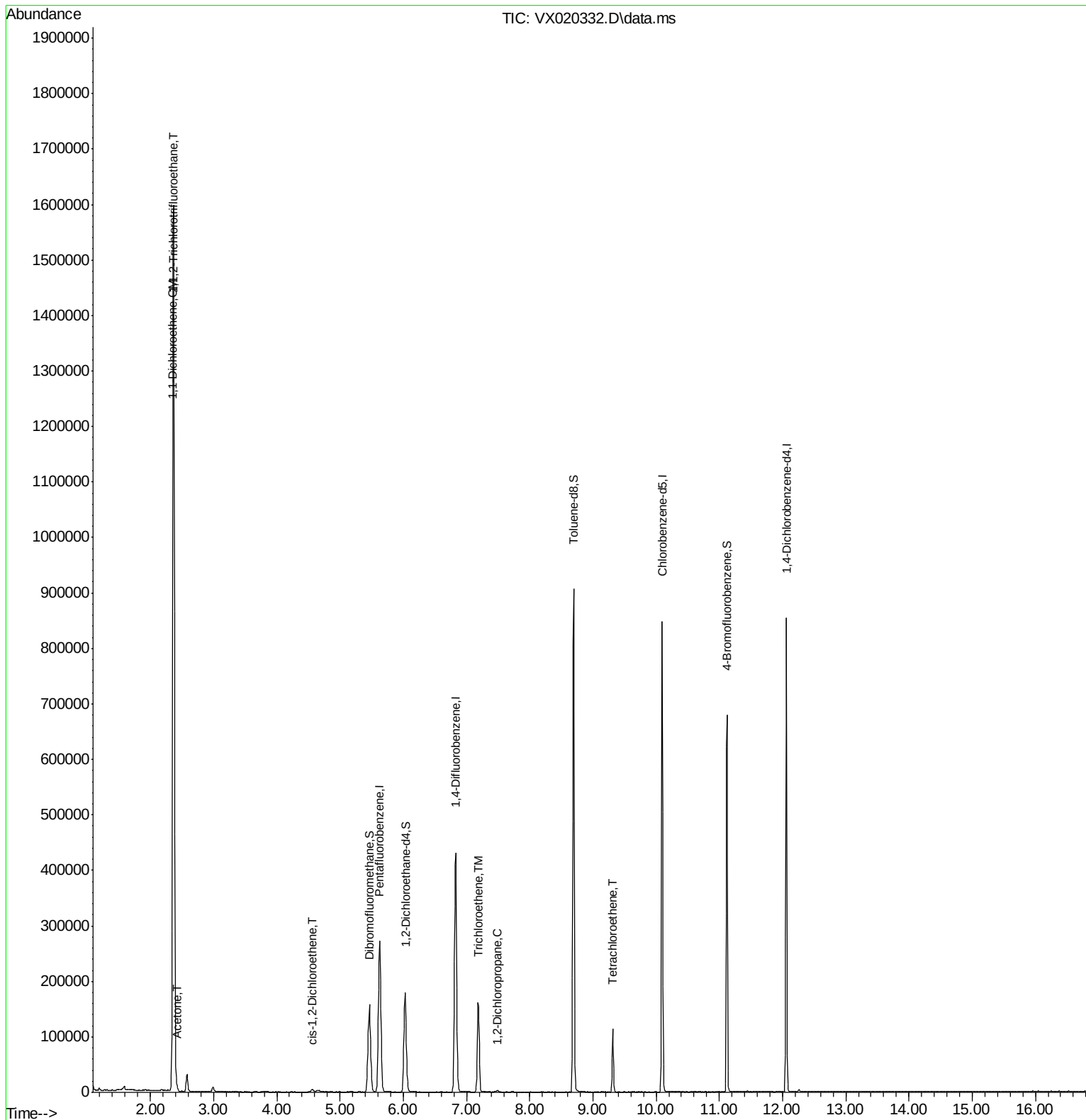
| Compound                     | R.T.   | QIon           | Response | Conc   | Units  | Dev(Min) |
|------------------------------|--------|----------------|----------|--------|--------|----------|
| -----                        |        |                |          |        |        |          |
| Internal Standards           |        |                |          |        |        |          |
| 1) Pentafluorobenzene        | 5.623  | 168            | 256629   | 50.00  | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene      | 6.830  | 114            | 433914   | 50.00  | ug/l   | 0.00     |
| 63) Chlorobenzene-d5         | 10.098 | 117            | 404212   | 50.00  | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4   | 12.061 | 152            | 172837   | 50.00  | ug/l   | 0.00     |
| System Monitoring Compounds  |        |                |          |        |        |          |
| 33) 1,2-Dichloroethane-d4    | 6.031  | 65             | 171585   | 49.88  | ug/l   | 0.00     |
| Spiked Amount                | 50.000 | Range 61 - 141 | Recovery | =      | 99.76% |          |
| 35) Dibromofluoromethane     | 5.464  | 113            | 137493   | 49.53  | ug/l   | 0.00     |
| Spiked Amount                | 50.000 | Range 69 - 133 | Recovery | =      | 99.06% |          |
| 50) Toluene-d8               | 8.695  | 98             | 528078   | 49.42  | ug/l   | 0.00     |
| Spiked Amount                | 50.000 | Range 65 - 126 | Recovery | =      | 98.84% |          |
| 62) 4-Bromofluorobenzene     | 11.122 | 95             | 187617   | 45.88  | ug/l   | 0.00     |
| Spiked Amount                | 50.000 | Range 58 - 135 | Recovery | =      | 91.76% |          |
| Target Compounds             |        |                |          |        |        |          |
|                              |        |                |          |        |        | Qvalue   |
| 9) 1,1,2-Trichlorotrifluo... | 2.367  | 101            | 666484   | 260.14 | ug/l   | 99       |
| 12) 1,1-Dichloroethene       | 2.355  | 96             | 4989     | 1.90   | ug/l # | 88       |
| 16) Acetone                  | 2.416  | 43             | 2705     | 1.72   | ug/l   | 89       |
| 27) cis-1,2-Dichloroethene   | 4.562  | 96             | 2779     | 0.77   | ug/l   | 96       |
| 44) Trichloroethene          | 7.184  | 130            | 62292    | 18.05  | ug/l   | 97       |
| 45) 1,2-Dichloropropane      | 7.494  | 63             | 1400     | 0.41   | ug/l # | 83       |
| 64) Tetrachloroethene        | 9.317  | 164            | 21894    | 7.19   | ug/l   | 94       |
| -----                        |        |                |          |        |        |          |

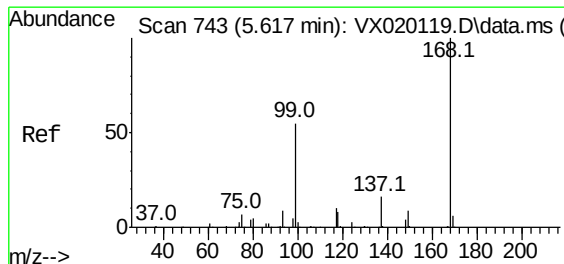
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX122320\  
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ALS Vial : 8 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
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Quant Time: Dec 24 00:15:33 2020  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X121820W.M  
Quant Title : SW846 8260  
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Response via : Initial Calibration

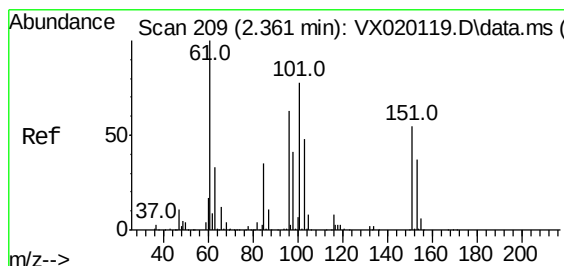
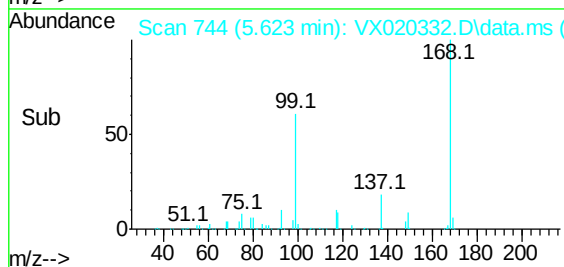
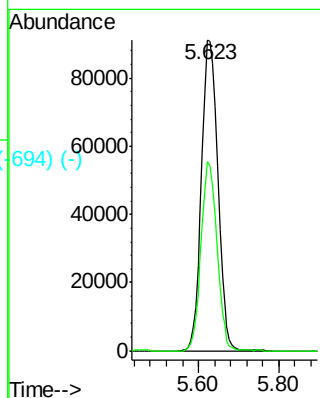
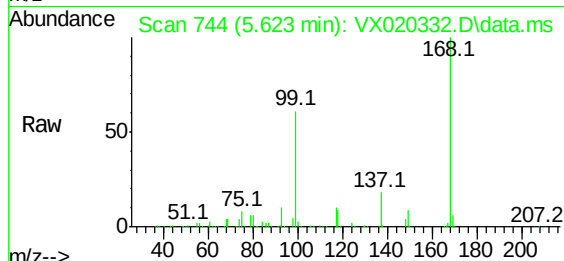




Pentafuorobenzene  
Concen: 50.00 ug/l  
RT: 5.623 min Scan# 744  
Delta R.T. 0.006 min  
Lab File: VX020332.D  
Acq: 23 Dec 2020 12:47

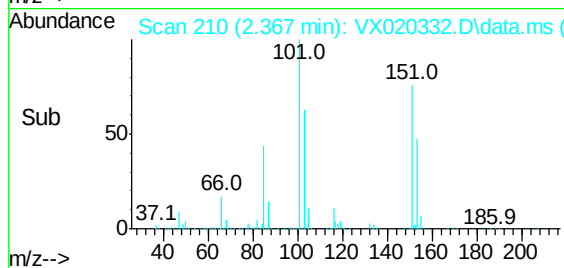
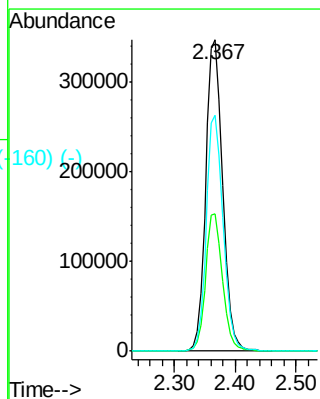
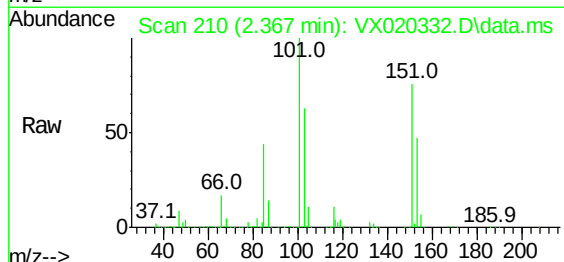
Instrument :  
MSVOA\_X  
ClientSampleId :  
RE131D3-20201211

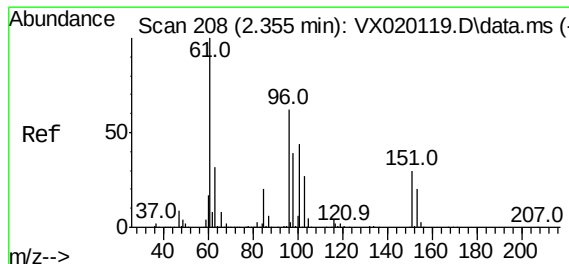
Tgt Ion:168 Resp: 256629  
Ion Ratio Lower Upper  
168 100  
99 60.7 45.8 68.6



1,1,2-Trichlorotrifluoroethane  
Concen: 260.14 ug/l  
RT: 2.367 min Scan# 210  
Delta R.T. 0.006 min  
Lab File: VX020332.D  
Acq: 23 Dec 2020 12:47

Tgt Ion:101 Resp: 666484  
Ion Ratio Lower Upper  
101 100  
85 43.8 34.9 52.3  
151 75.2 61.4 92.2

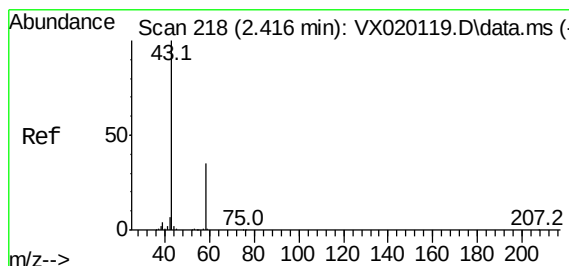
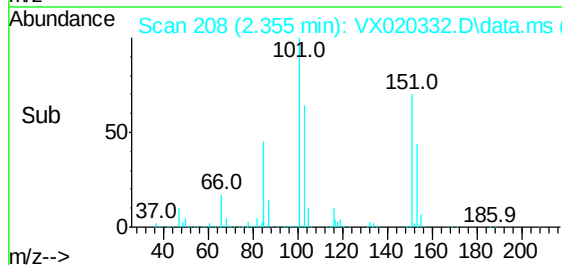
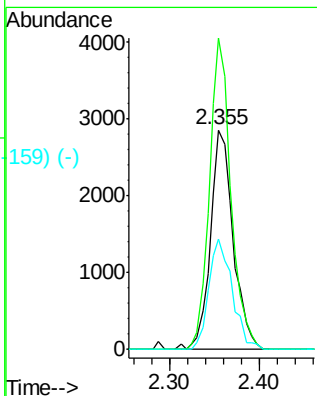
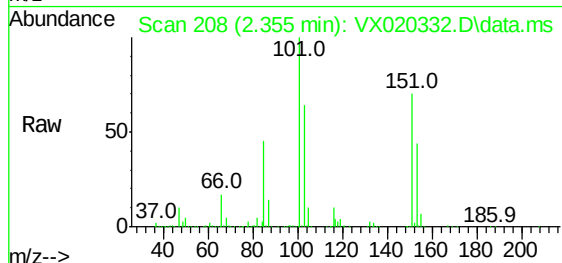




1,1-Dichloroethene  
 Concen: 1.90 ug/l  
 RT: 2.355 min Scan# 208  
 Delta R.T. 0.000 min  
 Lab File: VX020332.D  
 Acq: 23 Dec 2020 12:47

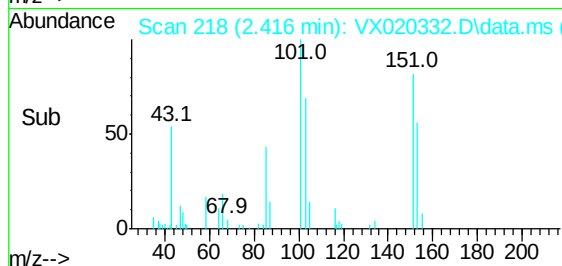
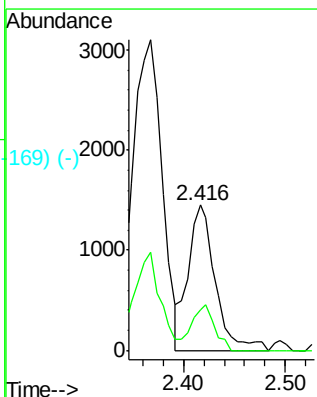
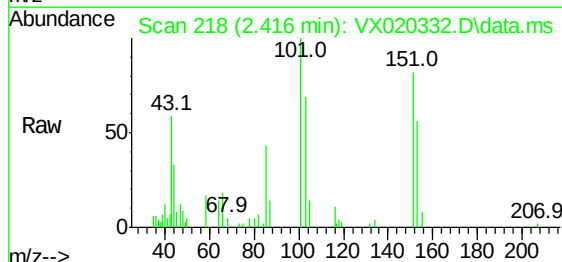
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 RE131D3-20201211

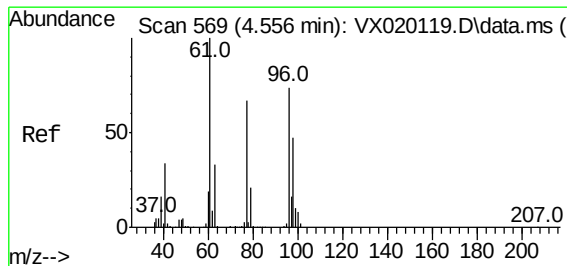
Tgt Ion: 96 Resp: 4989  
 Ion Ratio Lower Upper  
 96 100  
 61 141.8 124.6 187.0  
 98 50.3 50.6 76.0#



Acetone  
 Concen: 1.72 ug/l  
 RT: 2.416 min Scan# 218  
 Delta R.T. 0.000 min  
 Lab File: VX020332.D  
 Acq: 23 Dec 2020 12:47

Tgt Ion: 43 Resp: 2705  
 Ion Ratio Lower Upper  
 43 100  
 58 28.3 27.8 41.8

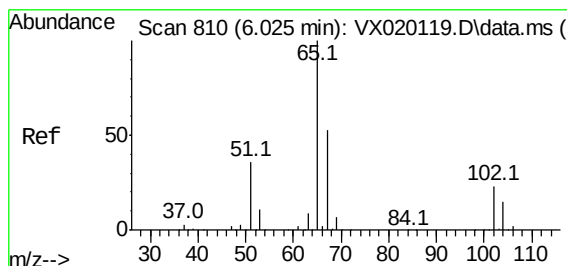
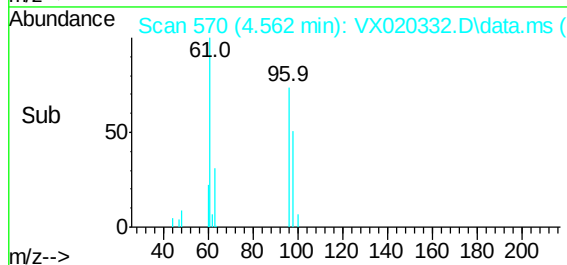
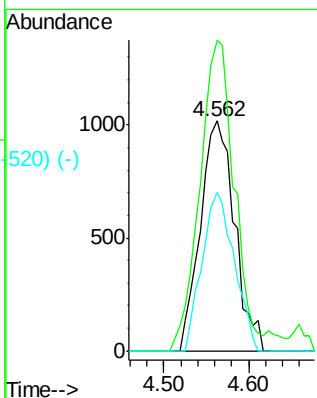
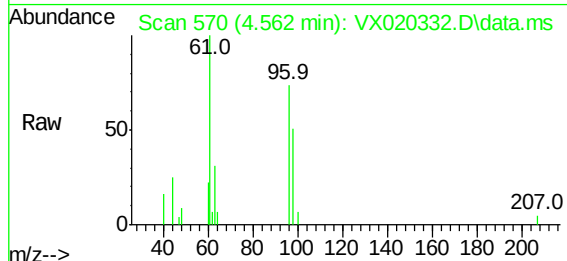




cis-1,2-Dichloroethene  
Concen: 0.77 ug/l  
RT: 4.562 min Scan# 570  
Delta R.T. 0.006 min  
Lab File: VX020332.D  
Acq: 23 Dec 2020 12:47

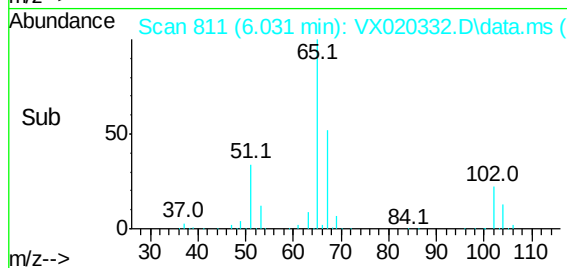
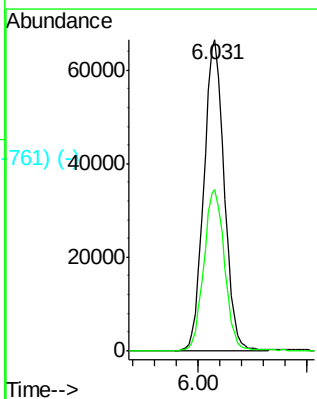
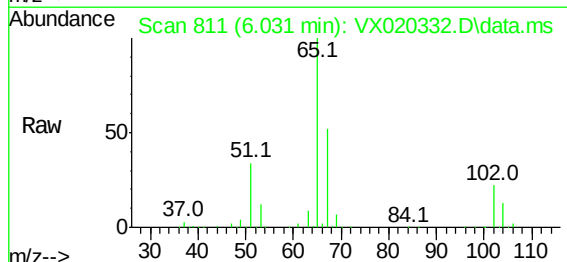
Instrument :  
MSVOA\_X  
ClientSampleId :  
RE131D3-20201211

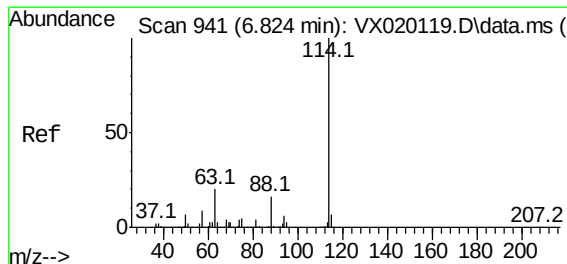
Tgt Ion: 96 Resp: 2779  
Ion Ratio Lower Upper  
96 100  
61 135.9 0.0 285.6  
98 64.9 0.0 129.6



1,2-Dichloroethane-d4  
Concen: 49.88 ug/l  
RT: 6.031 min Scan# 811  
Delta R.T. 0.006 min  
Lab File: VX020332.D  
Acq: 23 Dec 2020 12:47

Tgt Ion: 65 Resp: 171585  
Ion Ratio Lower Upper  
65 100  
67 52.8 0.0 105.4

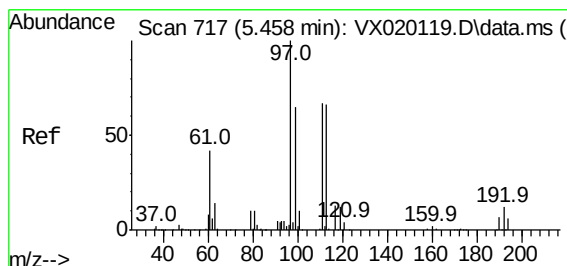
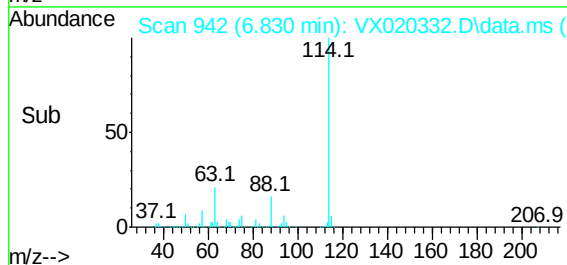
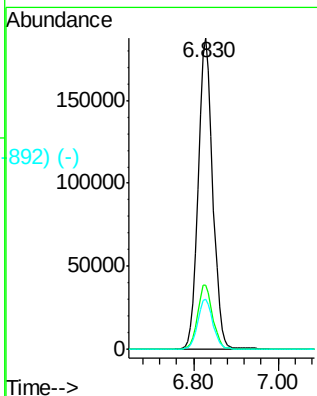
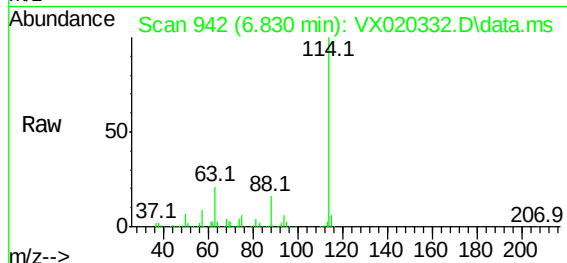




1,4-Difluorobenzene  
Concen: 50.00 ug/l  
RT: 6.830 min Scan# 942  
Delta R.T. 0.006 min  
Lab File: VX020332.D  
Acq: 23 Dec 2020 12:47

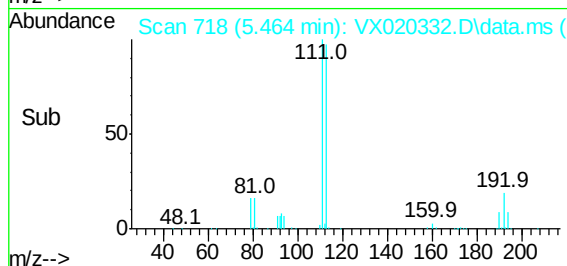
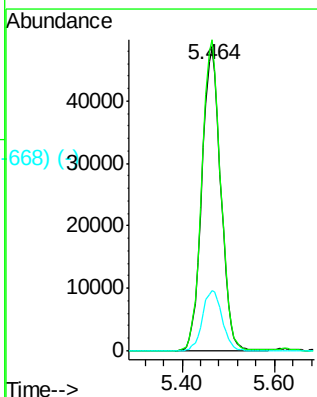
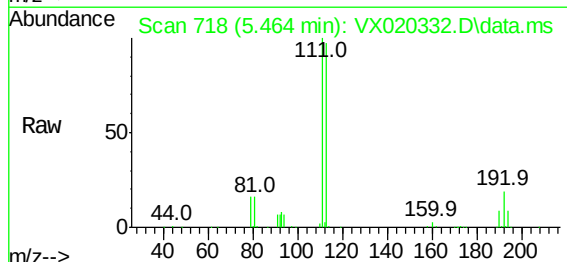
Instrument :  
MSVOA\_X  
ClientSampleId :  
RE131D3-20201211

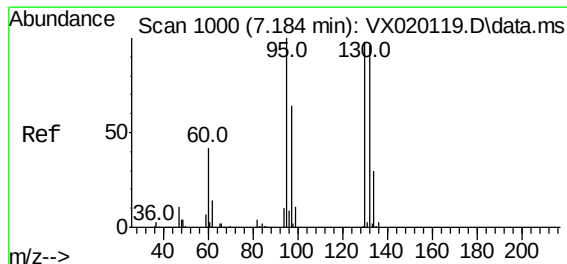
Tgt Ion:114 Resp: 433914  
Ion Ratio Lower Upper  
114 100  
63 20.7 0.0 40.8  
88 16.1 0.0 32.8



Dibromofluoromethane  
Concen: 49.53 ug/l  
RT: 5.464 min Scan# 718  
Delta R.T. 0.006 min  
Lab File: VX020332.D  
Acq: 23 Dec 2020 12:47

Tgt Ion:113 Resp: 137493  
Ion Ratio Lower Upper  
113 100  
111 102.2 81.9 122.9  
192 20.4 16.7 25.1

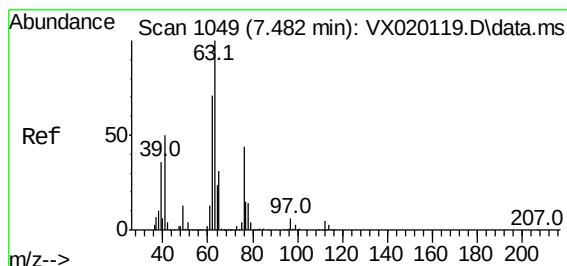
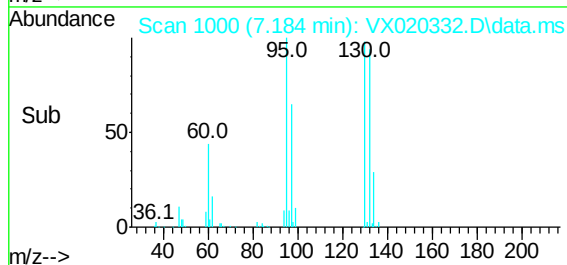
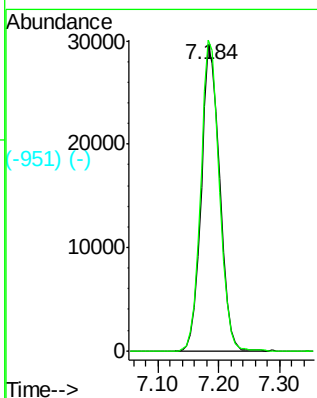
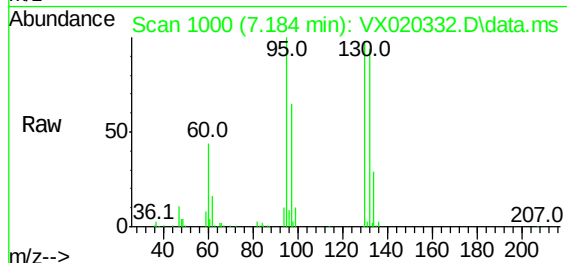




Trichloroethene  
Concen: 18.05 ug/l  
RT: 7.184 min Scan# 1000  
Delta R.T. -0.000 min  
Lab File: VX020332.D  
Acq: 23 Dec 2020 12:47

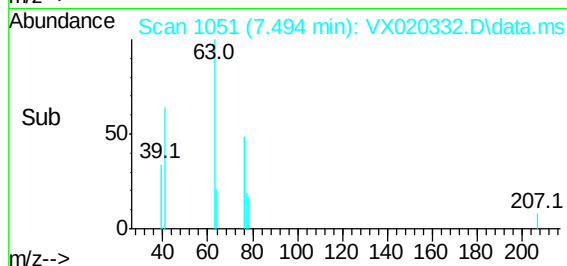
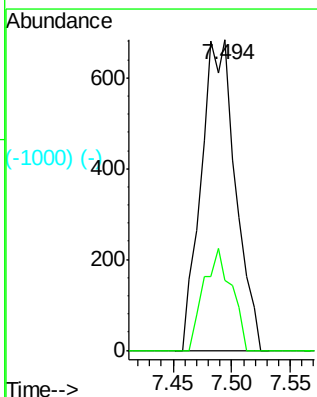
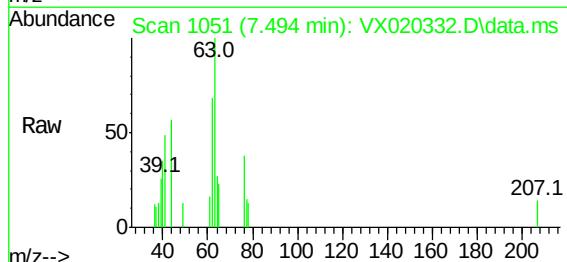
Instrument :  
MSVOA\_X  
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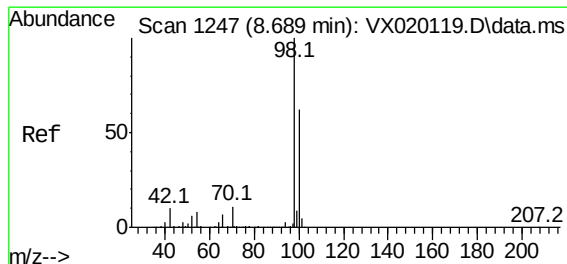
Tgt Ion:130 Resp: 62292  
Ion Ratio Lower Upper  
130 100  
95 101.6 0.0 198.0



1,2-Dichloropropane  
Concen: 0.41 ug/l  
RT: 7.494 min Scan# 1051  
Delta R.T. 0.012 min  
Lab File: VX020332.D  
Acq: 23 Dec 2020 12:47

Tgt Ion: 63 Resp: 1400  
Ion Ratio Lower Upper  
63 100  
65 22.7 25.7 38.5#

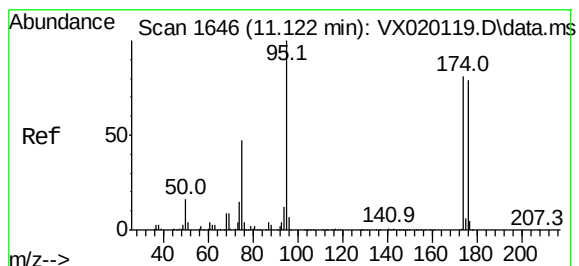
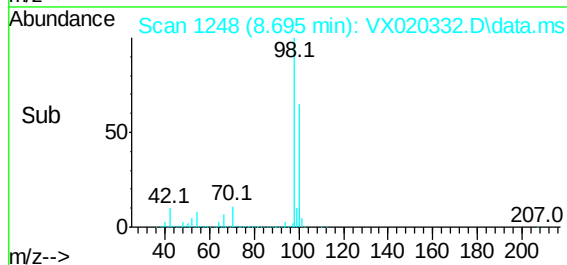
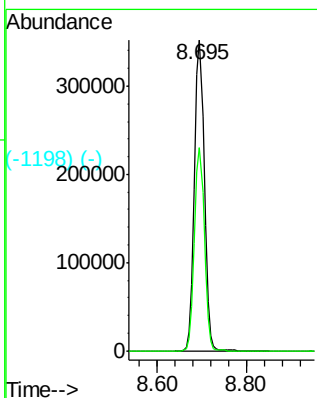
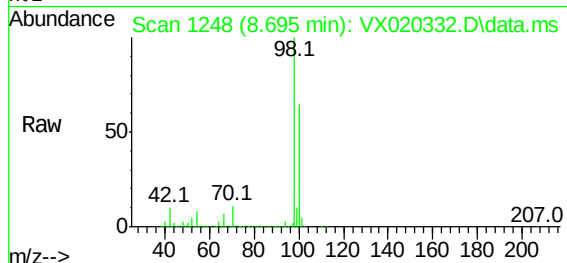




#599 (-)  
Toluene-d8  
Concen: 49.42 ug/l  
RT: 8.695 min Scan# 1248  
Delta R.T. 0.006 min  
Lab File: VX020332.D  
Acq: 23 Dec 2020 12:47

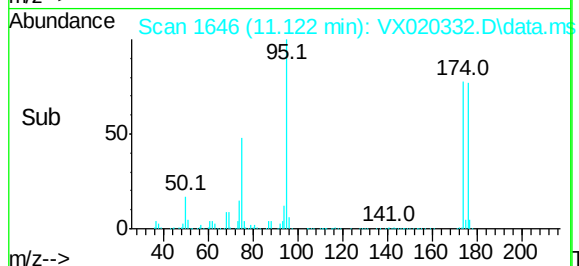
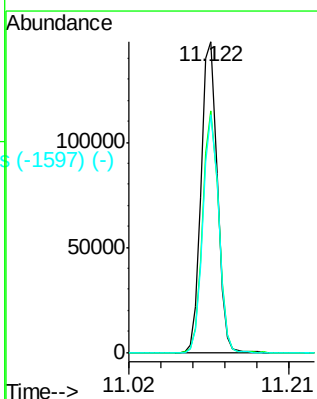
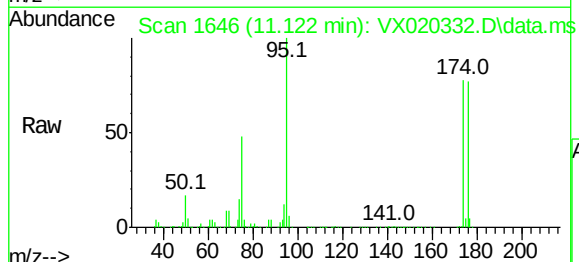
Instrument :  
MSVOA\_X  
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Tgt Ion: 98 Resp: 528078  
Ion Ratio Lower Upper  
98 100  
100 65.9 51.9 77.9

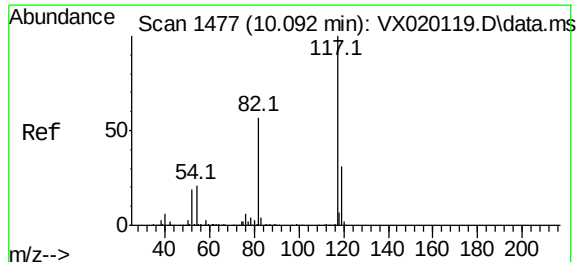


#639 (-)  
4-Bromofluorobenzene  
Concen: 45.88 ug/l  
RT: 11.122 min Scan# 1646  
Delta R.T. -0.000 min  
Lab File: VX020332.D  
Acq: 23 Dec 2020 12:47

Tgt Ion: 95 Resp: 187617  
Ion Ratio Lower Upper  
95 100  
174 76.7 0.0 154.6  
176 74.7 0.0 155.8

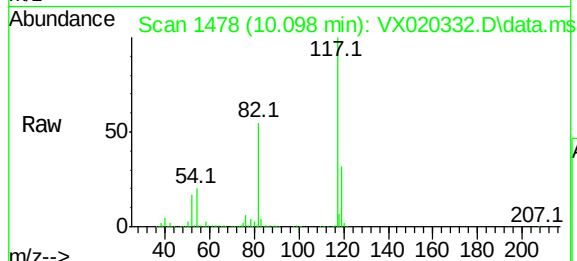




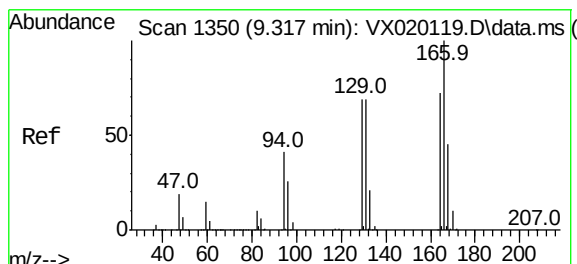
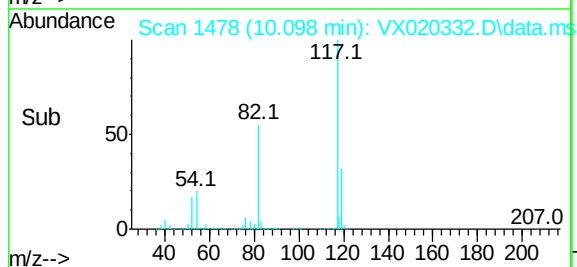
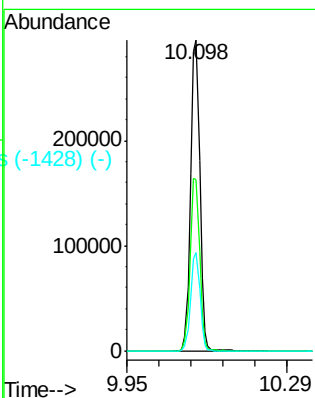


#6270 (-)  
Chlorobenzene-d5  
Concen: 50.00 ug/l  
RT: 10.098 min Scan# 1478  
Delta R.T. 0.006 min  
Lab File: VX020332.D  
Acq: 23 Dec 2020 12:47

Instrument :  
MSVOA\_X  
ClientSampleId :  
RE131D3-20201211

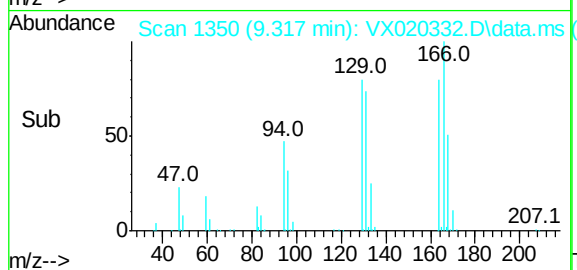
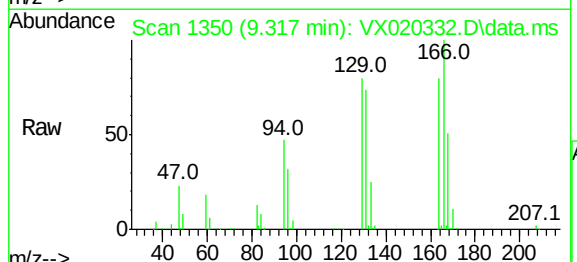
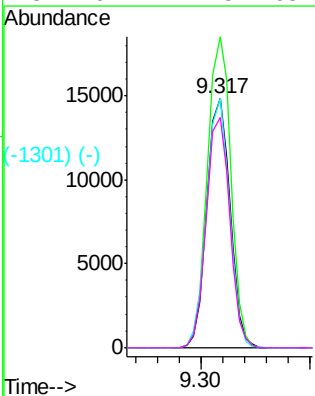


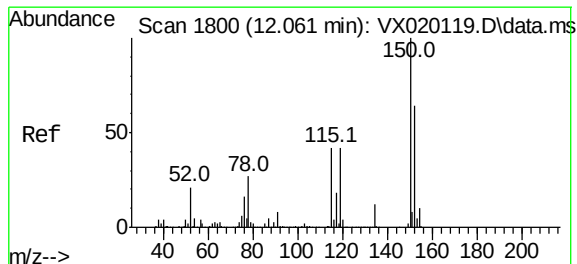
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 117   | Resp: | 404212 |
| Ion Ratio | Lower | Upper |        |
| 117       | 100   |       |        |
| 82        | 55.2  | 47.4  | 71.2   |
| 119       | 31.8  | 26.6  | 39.8   |



#642 (-)  
Tetrachloroethene  
Concen: 7.19 ug/l  
RT: 9.317 min Scan# 1350  
Delta R.T. 0.000 min  
Lab File: VX020332.D  
Acq: 23 Dec 2020 12:47

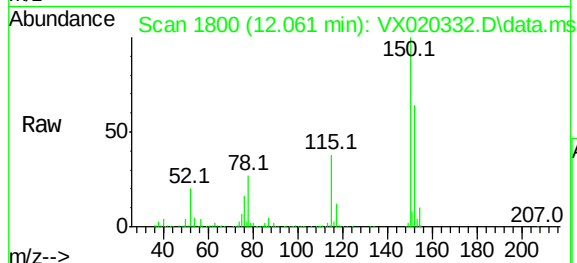
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 164   | Resp: | 21894 |
| Ion Ratio | Lower | Upper |       |
| 164       | 100   |       |       |
| 166       | 124.9 | 103.4 | 155.2 |
| 129       | 100.4 | 70.8  | 106.2 |
| 131       | 92.4  | 72.5  | 108.7 |





#1794 (-)  
 1,4-Dichlorobenzene-d4  
 Concen: 50.00 ug/l  
 RT: 12.061 min Scan# 1800  
 Delta R.T. -0.000 min  
 Lab File: VX020332.D  
 Acq: 23 Dec 2020 12:47

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 RE131D3-20201211



|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 152   | Resp: | 172837 |
| Ion Ratio | Lower | Upper |        |
| 152       | 100   |       |        |
| 115       | 60.3  | 41.1  | 123.3  |
| 150       | 155.7 | 0.0   | 349.0  |

