

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX122420\  
 Data File : VX020387.D  
 Acq On : 24 Dec 2020 14:59  
 Operator : JC/MD  
 Sample : L5124-10  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 RE123D1-20201214

Quant Time: Dec 25 01:13:23 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

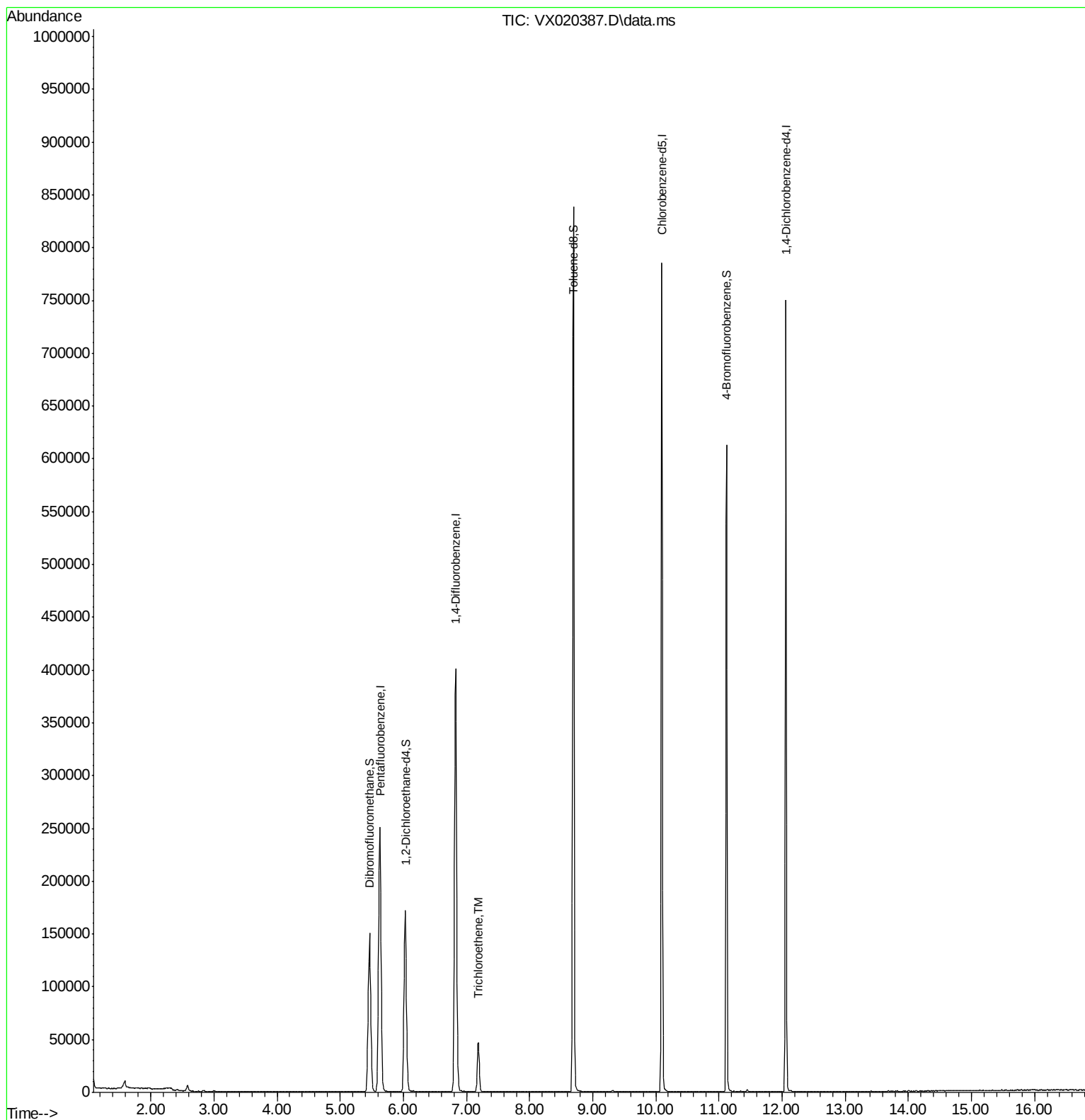
| Compound                    | R.T.   | QIon           | Response | Conc  | Units   | Dev(Min) |
|-----------------------------|--------|----------------|----------|-------|---------|----------|
| -----                       |        |                |          |       |         |          |
| Internal Standards          |        |                |          |       |         |          |
| 1) Pentafluorobenzene       | 5.635  | 168            | 235031   | 50.00 | ug/l    | 0.02     |
| 34) 1,4-Difluorobenzene     | 6.830  | 114            | 398540   | 50.00 | ug/l    | 0.00     |
| 63) Chlorobenzene-d5        | 10.098 | 117            | 372279   | 50.00 | ug/l    | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 12.061 | 152            | 148016   | 50.00 | ug/l    | 0.00     |
| System Monitoring Compounds |        |                |          |       |         |          |
| 33) 1,2-Dichloroethane-d4   | 6.032  | 65             | 162621   | 51.62 | ug/l    | 0.00     |
| Spiked Amount               | 50.000 | Range 61 - 141 | Recovery | =     | 103.24% |          |
| 35) Dibromofluoromethane    | 5.465  | 113            | 130449   | 51.17 | ug/l    | 0.00     |
| Spiked Amount               | 50.000 | Range 69 - 133 | Recovery | =     | 102.34% |          |
| 50) Toluene-d8              | 8.696  | 98             | 489938   | 49.92 | ug/l    | 0.00     |
| Spiked Amount               | 50.000 | Range 65 - 126 | Recovery | =     | 99.84%  |          |
| 62) 4-Bromofluorobenzene    | 11.122 | 95             | 165334   | 44.02 | ug/l    | 0.00     |
| Spiked Amount               | 50.000 | Range 58 - 135 | Recovery | =     | 88.04%  |          |
| Target Compounds            |        |                |          |       |         | Qvalue   |
| 44) Trichloroethene         | 7.190  | 130            | 18055    | 5.70  | ug/l    | 99       |
| -----                       |        |                |          |       |         |          |

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

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MSVOA\_X  
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RE123D1-20201214

Quant Time: Dec 25 01:13:23 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

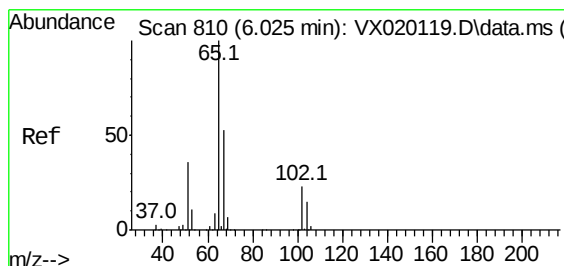
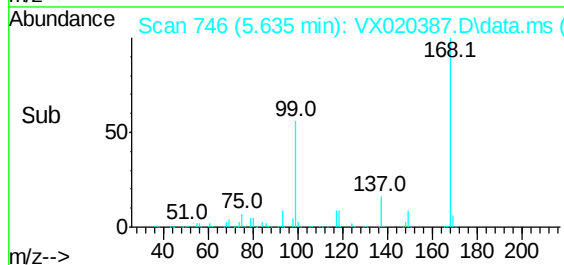
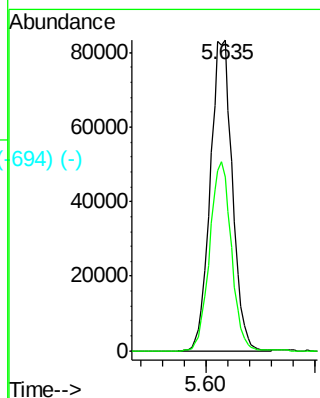
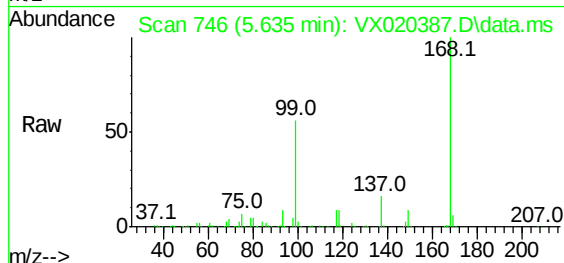




Pentafluorobenzene  
 Concen: 50.00 ug/l  
 RT: 5.635 min Scan# 746  
 Delta R.T. 0.018 min  
 Lab File: VX020387.D  
 Acq: 24 Dec 2020 14:59

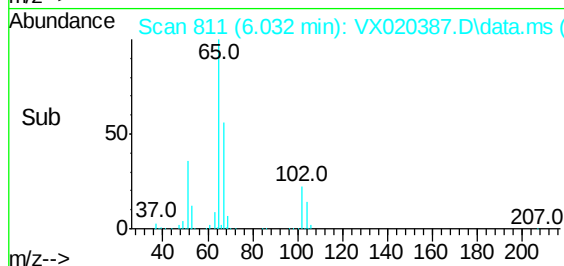
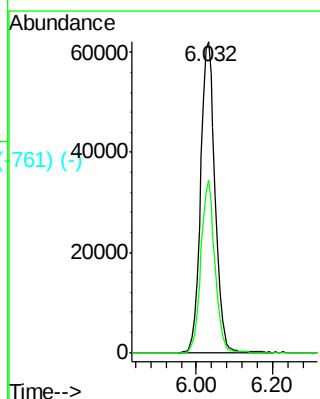
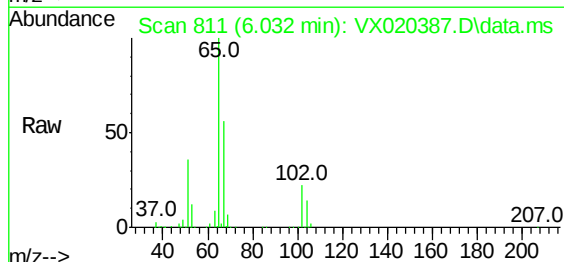
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 RE123D1-20201214

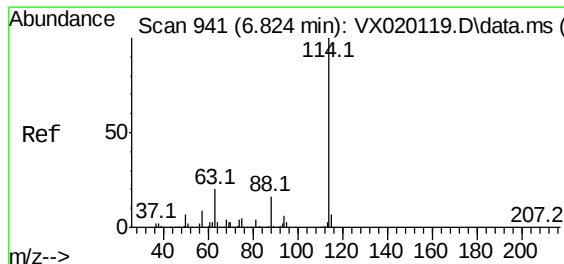
Tgt Ion:168 Resp: 235031  
 Ion Ratio Lower Upper  
 168 100  
 99 55.8 45.8 68.6



1,2-Dichloroethane-d4  
 Concen: 51.62 ug/l  
 RT: 6.032 min Scan# 811  
 Delta R.T. 0.007 min  
 Lab File: VX020387.D  
 Acq: 24 Dec 2020 14:59

Tgt Ion: 65 Resp: 162621  
 Ion Ratio Lower Upper  
 65 100  
 67 53.4 0.0 105.4



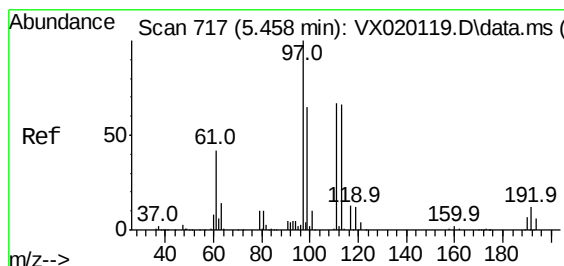
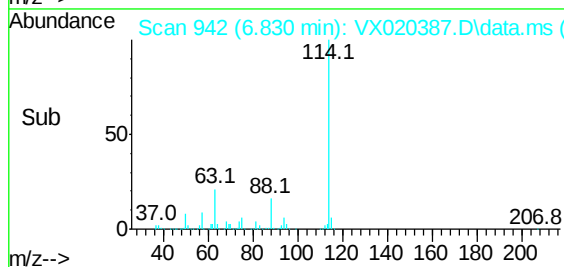
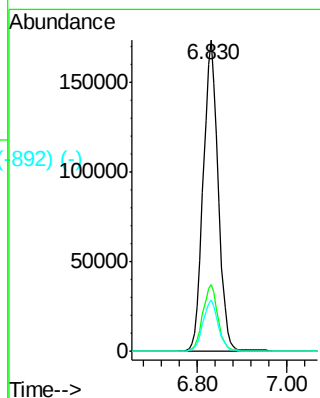
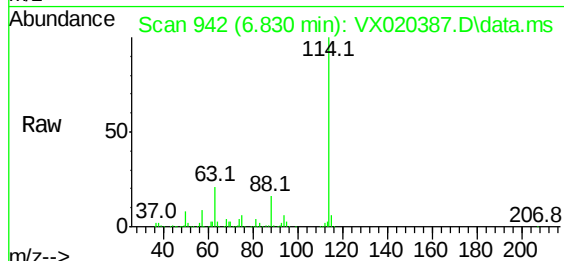


1,4-Difluorobenzene  
 Concen: 50.00 ug/l  
 RT: 6.830 min Scan# 942  
 Delta R.T. 0.006 min  
 Lab File: VX020387.D  
 Acq: 24 Dec 2020 14:59

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 RE123D1-20201214

Tgt Ion:114 Resp: 398540

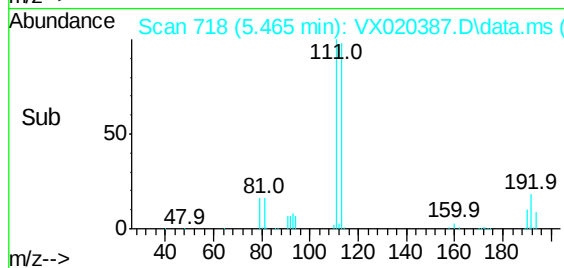
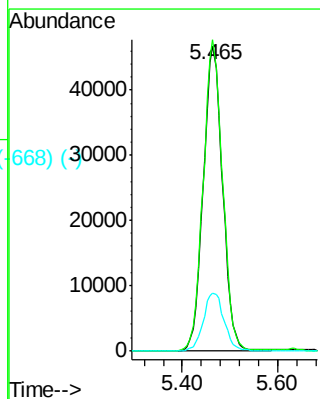
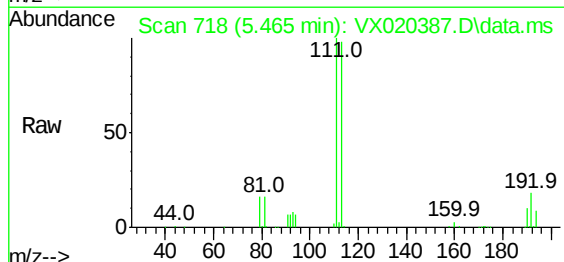
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 114 | 100   |       |       |
| 63  | 21.1  | 0.0   | 40.8  |
| 88  | 16.4  | 0.0   | 32.8  |

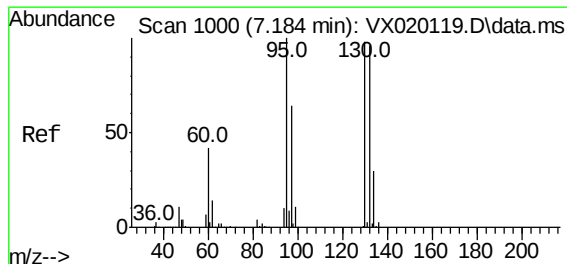


Dibromofluoromethane  
 Concen: 51.17 ug/l  
 RT: 5.465 min Scan# 718  
 Delta R.T. 0.007 min  
 Lab File: VX020387.D  
 Acq: 24 Dec 2020 14:59

Tgt Ion:113 Resp: 130449

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 113 | 100   |       |       |
| 111 | 102.2 | 81.9  | 122.9 |
| 192 | 20.1  | 16.7  | 25.1  |

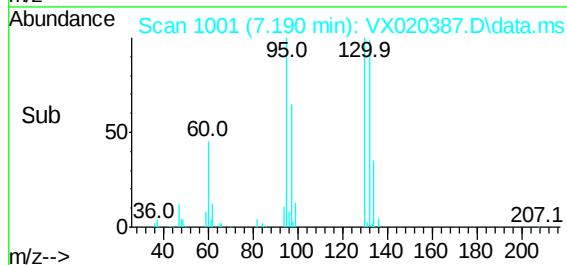
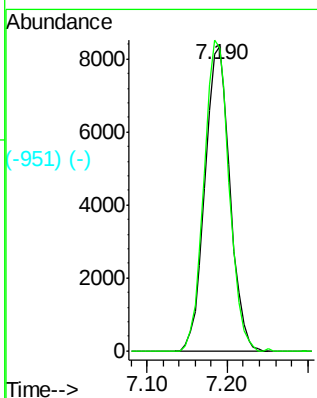
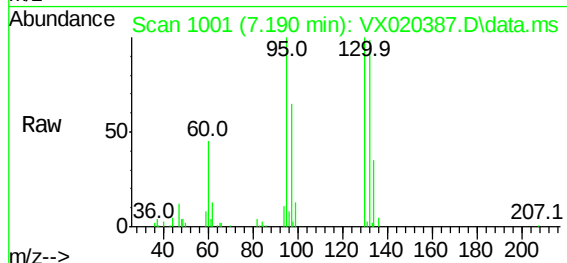




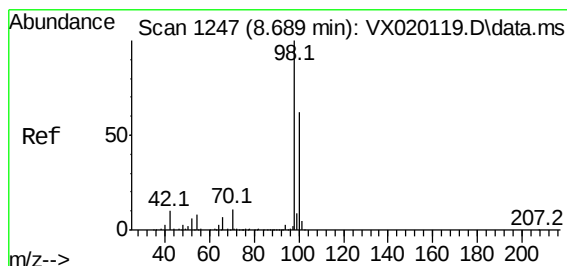
(-949) (-)  
 Trichloroethene  
 Concen: 5.70 ug/l  
 RT: 7.190 min Scan# 1001  
 Delta R.T. 0.006 min  
 Lab File: VX020387.D  
 Acq: 24 Dec 2020 14:59

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 RE123D1-20201214

Tgt Ion:130 Resp: 18055  
 Ion Ratio Lower Upper  
 130 100  
 95 99.6 0.0 198.0

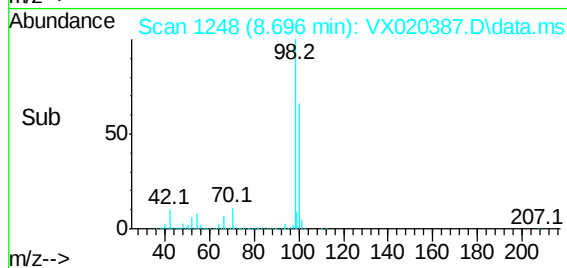
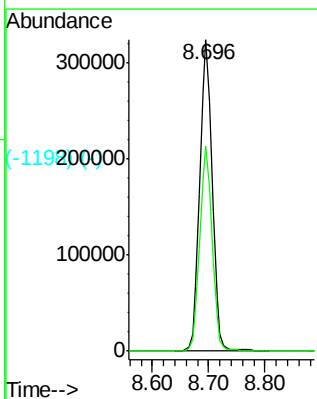
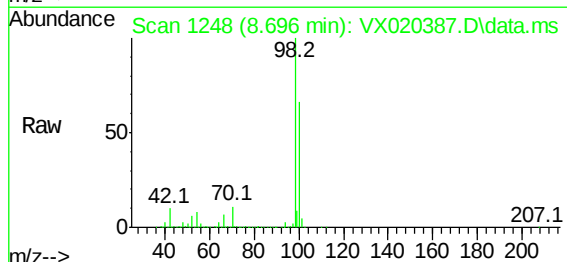


(-951) (-)

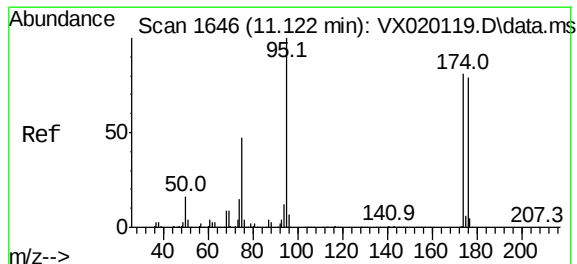


(-1299) (-)  
 Toluene-d8  
 Concen: 49.92 ug/l  
 RT: 8.696 min Scan# 1248  
 Delta R.T. 0.007 min  
 Lab File: VX020387.D  
 Acq: 24 Dec 2020 14:59

Tgt Ion: 98 Resp: 489938  
 Ion Ratio Lower Upper  
 98 100  
 100 65.3 51.9 77.9



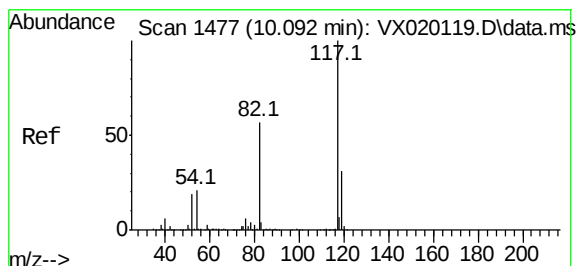
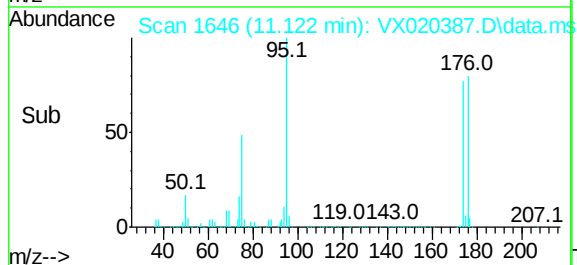
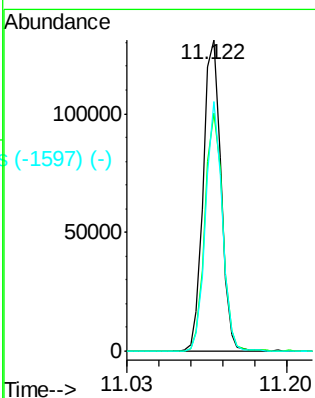
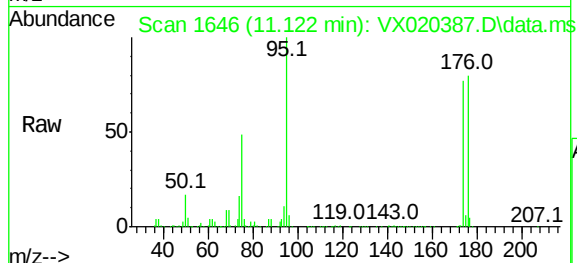
(-1192000)



#639 (-)  
 4-Bromofluorobenzene  
 Concen: 44.02 ug/l  
 RT: 11.122 min Scan# 1646  
 Delta R.T. 0.000 min  
 Lab File: VX020387.D  
 Acq: 24 Dec 2020 14:59

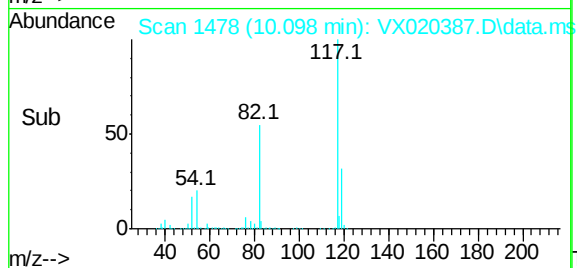
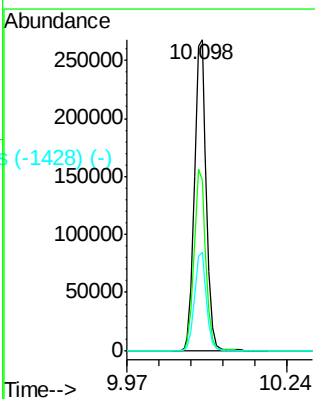
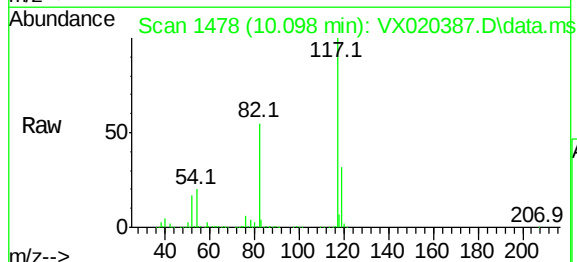
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 RE123D1-20201214

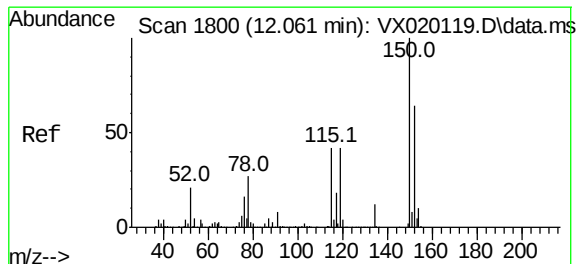
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 95    | Resp: | 165334 |
| Ion Ratio | Lower | Upper |        |
| 95        | 100   |       |        |
| 174       | 76.5  | 0.0   | 154.6  |
| 176       | 74.9  | 0.0   | 155.8  |



#640 (-)  
 Chlorobenzene-d5  
 Concen: 50.00 ug/l  
 RT: 10.098 min Scan# 1478  
 Delta R.T. 0.006 min  
 Lab File: VX020387.D  
 Acq: 24 Dec 2020 14:59

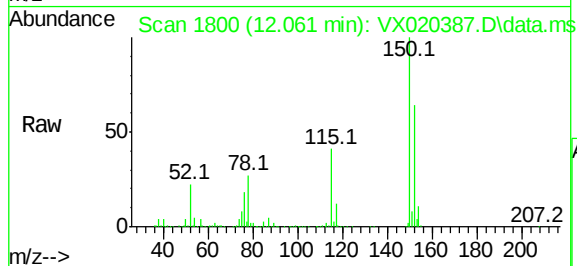
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 117   | Resp: | 372279 |
| Ion Ratio | Lower | Upper |        |
| 117       | 100   |       |        |
| 82        | 54.7  | 47.4  | 71.2   |
| 119       | 31.7  | 26.6  | 39.8   |





#1794 (-)  
 1,4-Dichlorobenzene-d4  
 Concen: 50.00 ug/l  
 RT: 12.061 min Scan# 1800  
 Delta R.T. -0.000 min  
 Lab File: VX020387.D  
 Acq: 24 Dec 2020 14:59

**Instrument :**  
 MSVOA\_X  
**ClientSampleId :**  
 RE123D1-20201214



Tgt Ion:152 Resp: 148016

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 152 | 100   |       |       |
| 115 | 61.9  | 41.1  | 123.3 |
| 150 | 158.9 | 0.0   | 349.0 |

