

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX122120\  
 Data File : VX020247.D  
 Acq On : 21 Dec 2020 14:06  
 Operator : JC/MD  
 Sample : L5145-07  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 49-TB-121520

Quant Time: Dec 22 03:51:59 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

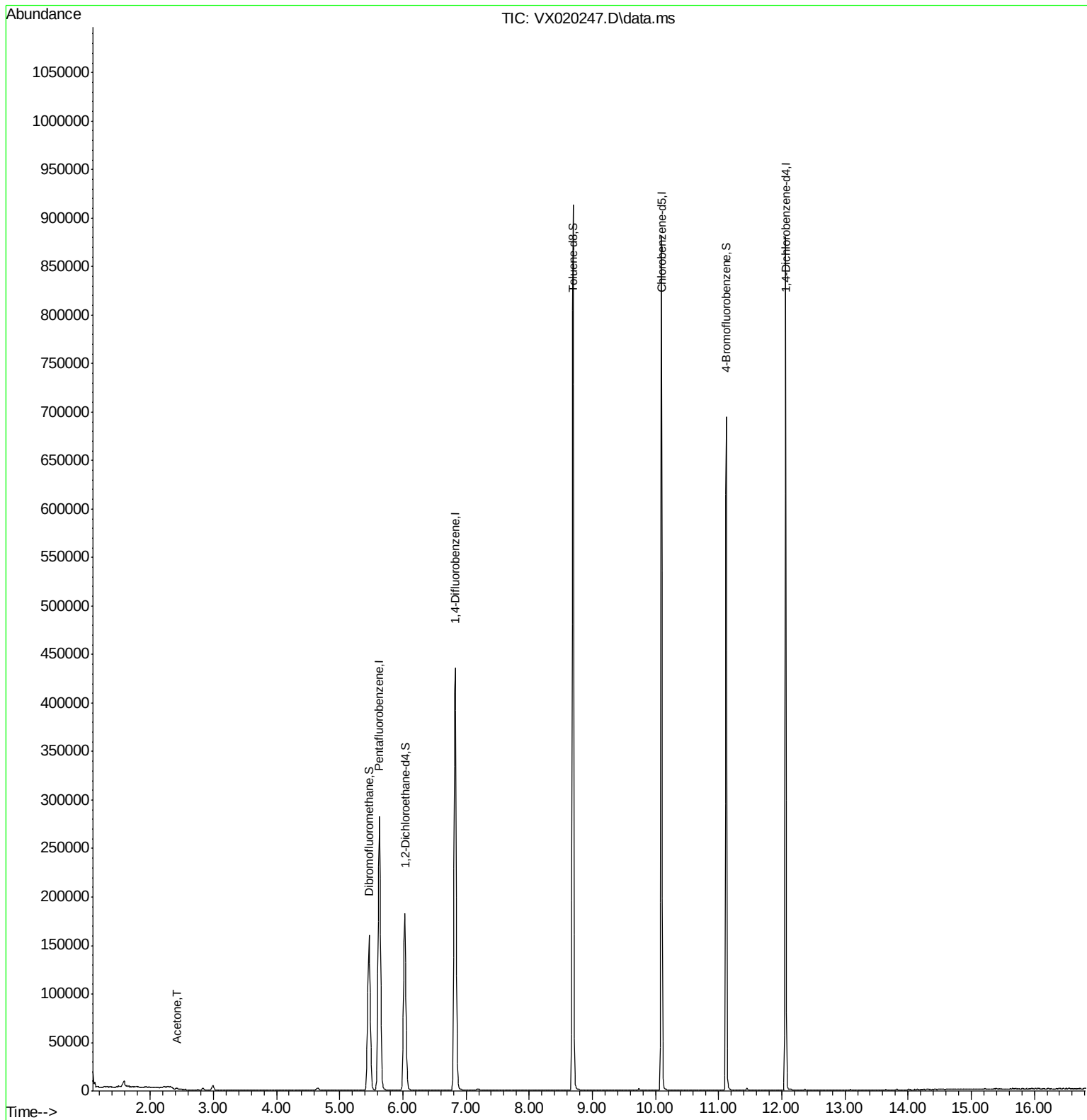
| Compound                    | R.T.   | QIon           | Response | Conc  | Units   | Dev(Min)    |
|-----------------------------|--------|----------------|----------|-------|---------|-------------|
| -----                       |        |                |          |       |         |             |
| Internal Standards          |        |                |          |       |         |             |
| 1) Pentafluorobenzene       | 5.629  | 168            | 262780   | 50.00 | ug/l    | 0.01        |
| 34) 1,4-Difluorobenzene     | 6.830  | 114            | 440983   | 50.00 | ug/l    | 0.00        |
| 63) Chlorobenzene-d5        | 10.098 | 117            | 411837   | 50.00 | ug/l    | 0.00        |
| 72) 1,4-Dichlorobenzene-d4  | 12.061 | 152            | 174606   | 50.00 | ug/l    | 0.00        |
| System Monitoring Compounds |        |                |          |       |         |             |
| 33) 1,2-Dichloroethane-d4   | 6.031  | 65             | 175539   | 49.83 | ug/l    | 0.00        |
| Spiked Amount               | 50.000 | Range 61 - 141 | Recovery | =     | 99.66%  |             |
| 35) Dibromofluoromethane    | 5.458  | 113            | 141070   | 50.01 | ug/l    | 0.00        |
| Spiked Amount               | 50.000 | Range 69 - 133 | Recovery | =     | 100.02% |             |
| 50) Toluene-d8              | 8.695  | 98             | 539684   | 49.70 | ug/l    | 0.00        |
| Spiked Amount               | 50.000 | Range 65 - 126 | Recovery | =     | 99.40%  |             |
| 62) 4-Bromofluorobenzene    | 11.122 | 95             | 190054   | 45.73 | ug/l    | 0.00        |
| Spiked Amount               | 50.000 | Range 58 - 135 | Recovery | =     | 91.46%  |             |
| Target Compounds            |        |                |          |       |         |             |
| 16) Acetone                 | 2.416  | 43             | 1121     | 0.70  | ug/l    | Qvalue # 87 |
| -----                       |        |                |          |       |         |             |

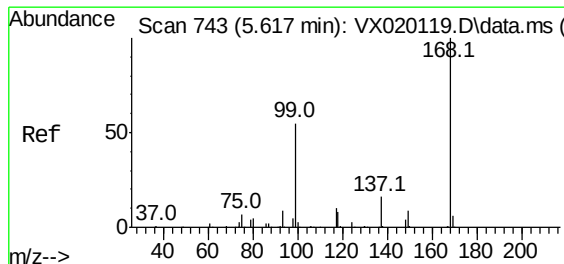
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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49-TB-121520

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Quant Title : SW846 8260  
QLast Update : Fri Dec 18 13:09:49 2020  
Response via : Initial Calibration

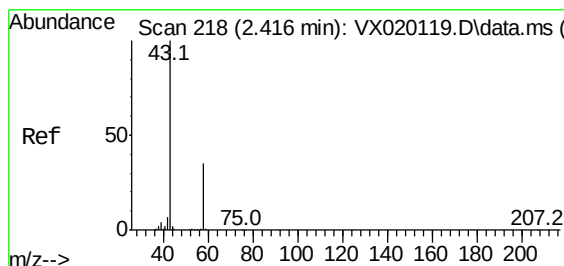
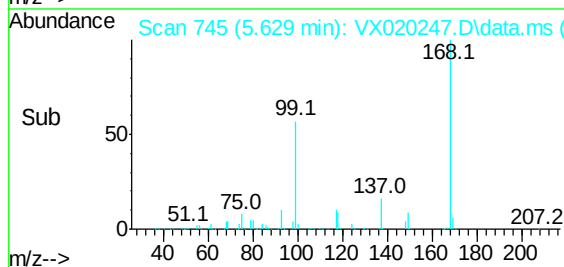
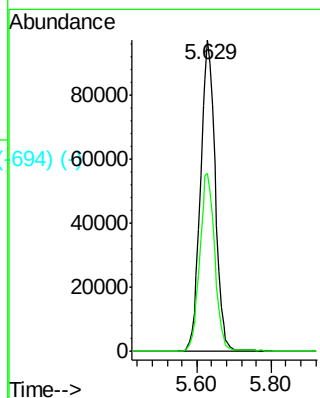
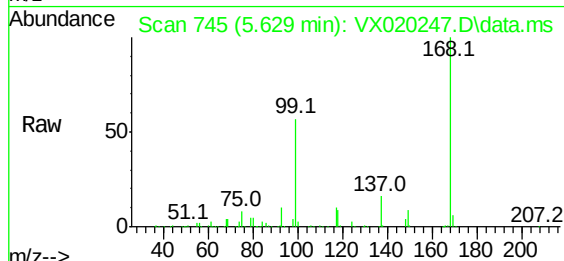




Pentafuorobenzene  
Concen: 50.00 ug/l  
RT: 5.629 min Scan# 745  
Delta R.T. 0.012 min  
Lab File: VX020247.D  
Acq: 21 Dec 2020 14:06

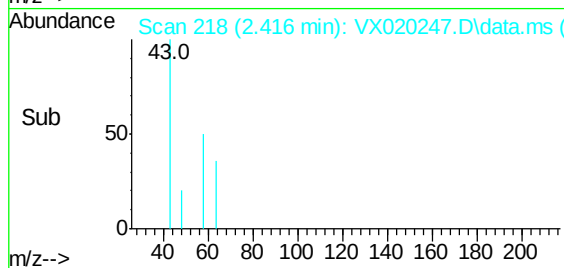
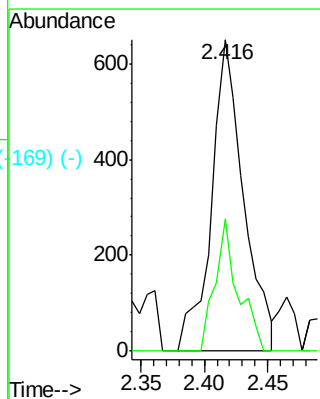
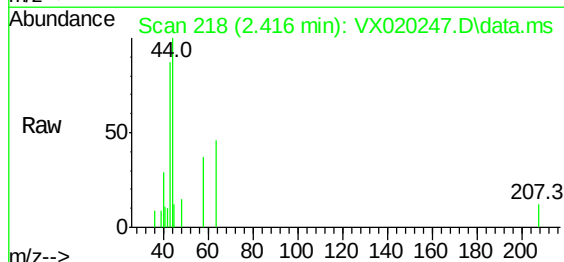
Instrument :  
MSVOA\_X  
ClientSampleId :  
49-TB-121520

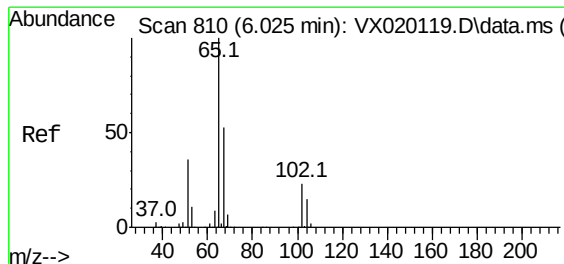
Tgt Ion:168 Resp: 262780  
Ion Ratio Lower Upper  
168 100  
99 57.2 45.8 68.6



Acetone  
Concen: 0.70 ug/l  
RT: 2.416 min Scan# 218  
Delta R.T. 0.000 min  
Lab File: VX020247.D  
Acq: 21 Dec 2020 14:06

Tgt Ion: 43 Resp: 1121  
Ion Ratio Lower Upper  
43 100  
58 42.3 27.8 41.8#

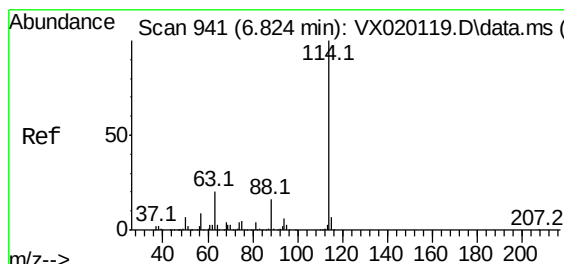
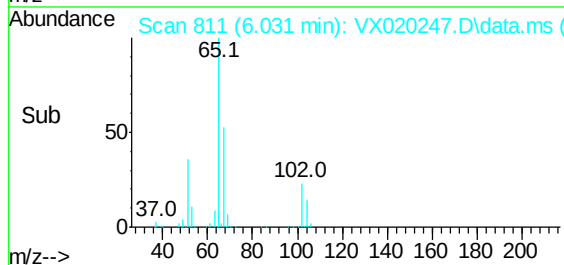
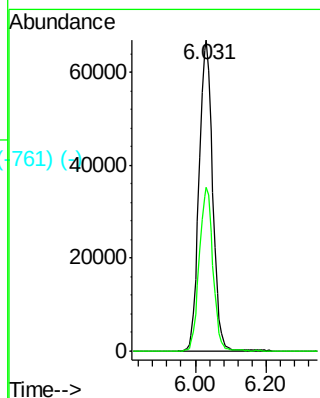
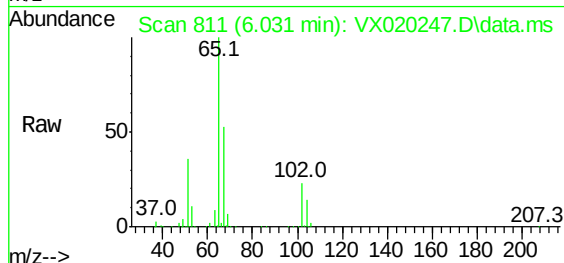




Scan 810 (6.025 min): VX020119.D\data.ms (-753) (-)  
 1,2-Dichloroethane-d4  
 Concen: 49.83 ug/l  
 RT: 6.031 min Scan# 811  
 Delta R.T. 0.006 min  
 Lab File: VX020247.D  
 Acq: 21 Dec 2020 14:06

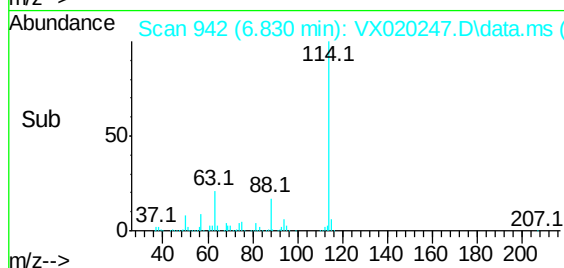
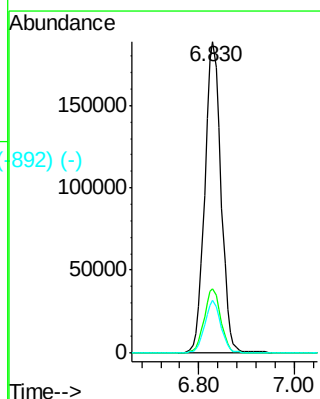
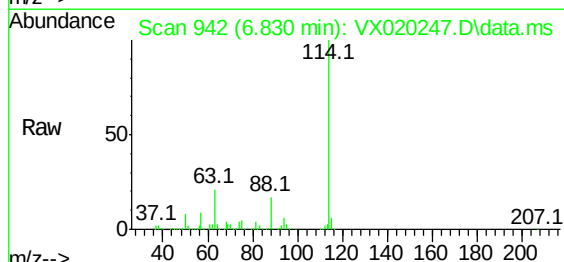
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 49-TB-121520

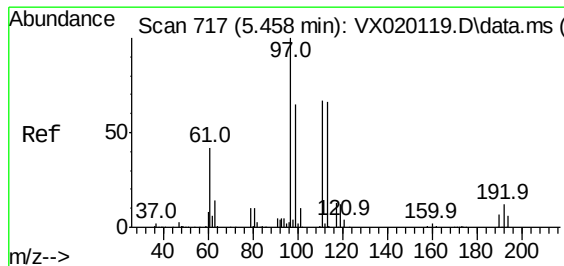
Tgt Ion: 65 Resp: 175539  
 Ion Ratio Lower Upper  
 65 100  
 67 53.0 0.0 105.4



Scan 941 (6.824 min): VX020119.D\data.ms (-984) (-)  
 1,4-Difluorobenzene  
 Concen: 50.00 ug/l  
 RT: 6.830 min Scan# 942  
 Delta R.T. 0.006 min  
 Lab File: VX020247.D  
 Acq: 21 Dec 2020 14:06

Tgt Ion:114 Resp: 440983  
 Ion Ratio Lower Upper  
 114 100  
 63 20.7 0.0 40.8  
 88 16.6 0.0 32.8

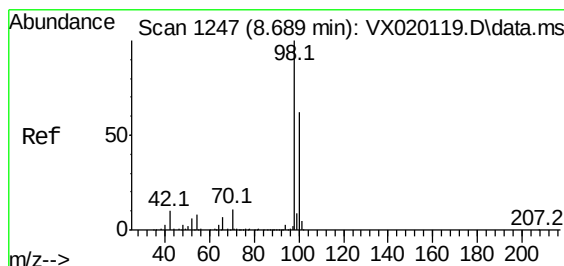
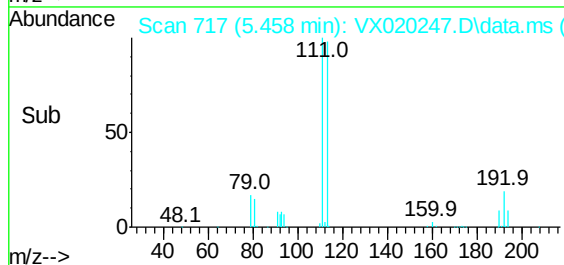
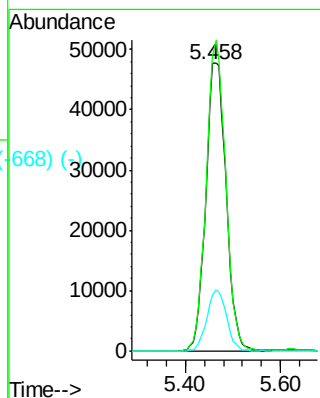
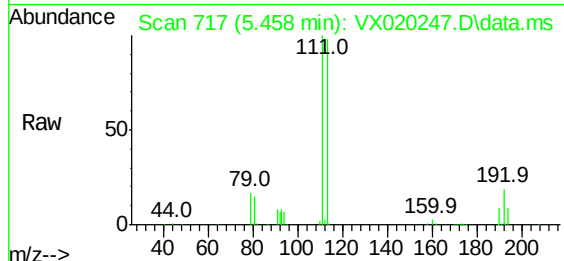




Dibromofluoromethane  
Concen: 50.01 ug/l  
RT: 5.458 min Scan# 717  
Delta R.T. 0.000 min  
Lab File: VX020247.D  
Acq: 21 Dec 2020 14:06

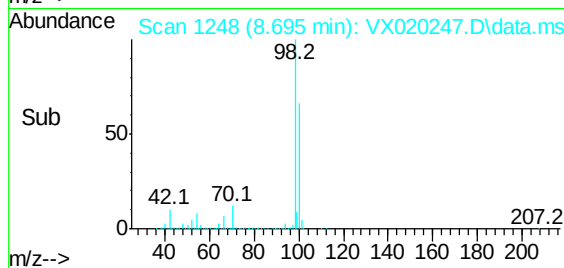
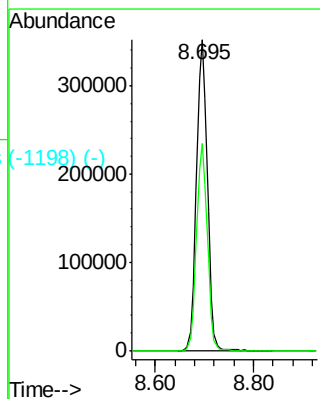
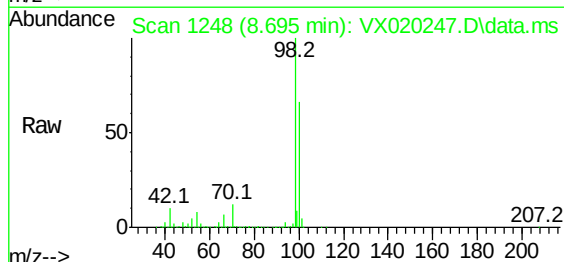
Instrument :  
MSVOA\_X  
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49-TB-121520

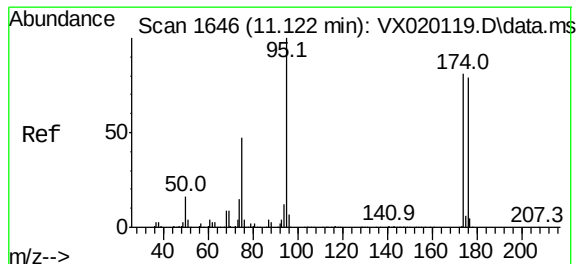
Tgt Ion:113 Resp: 141070  
Ion Ratio Lower Upper  
113 100  
111 103.3 81.9 122.9  
192 20.3 16.7 25.1



To Luene-d8  
Concen: 49.70 ug/l  
RT: 8.695 min Scan# 1248  
Delta R.T. 0.006 min  
Lab File: VX020247.D  
Acq: 21 Dec 2020 14:06

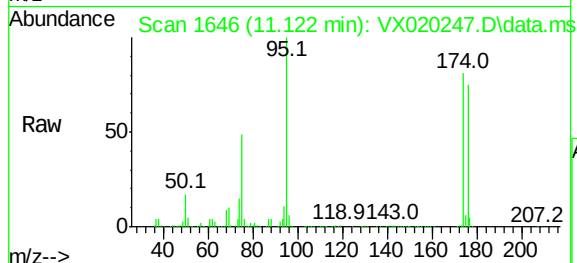
Tgt Ion: 98 Resp: 539684  
Ion Ratio Lower Upper  
98 100  
100 66.0 51.9 77.9





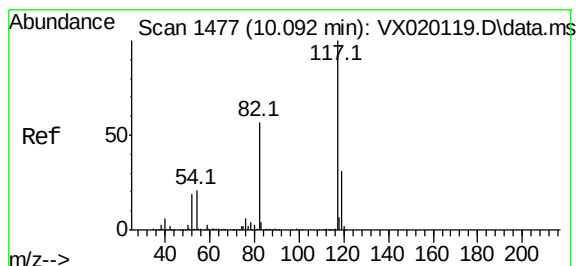
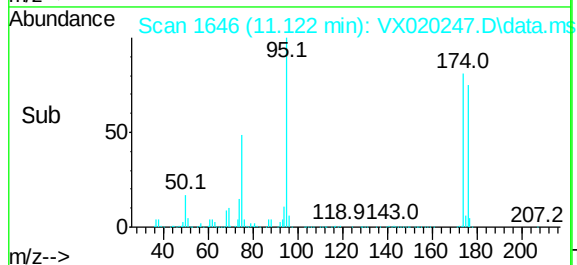
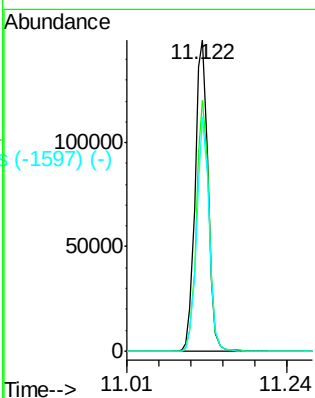
#639 (-)  
 4-Bromofluorobenzene  
 Concen: 45.73 ug/l  
 RT: 11.122 min Scan# 1646  
 Delta R.T. -0.000 min  
 Lab File: VX020247.D  
 Acq: 21 Dec 2020 14:06

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 MSVOA\_X  
 ClientSampleId :  
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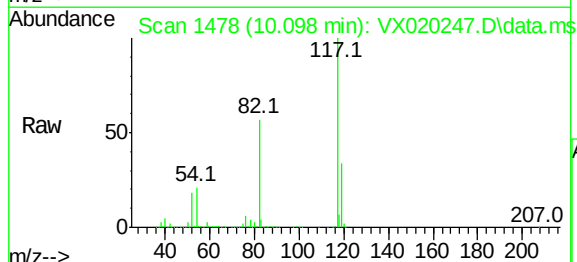


Tgt Ion: 95 Resp: 190054

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 95  | 100   |       |       |
| 174 | 78.5  | 0.0   | 154.6 |
| 176 | 72.0  | 0.0   | 155.8 |

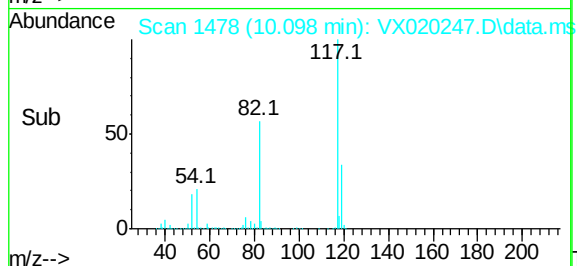
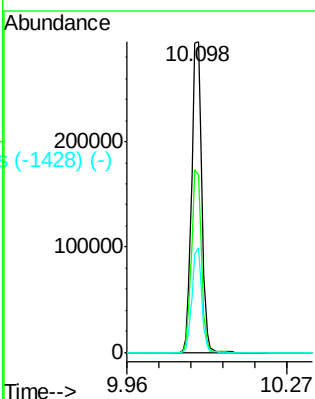


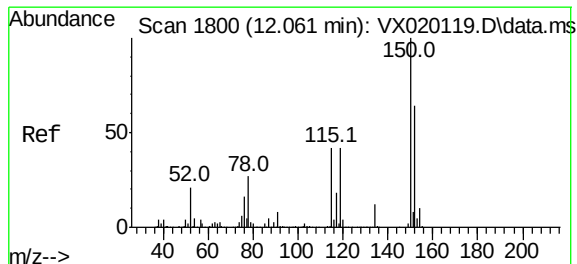
#640 (-)  
 Chlorobenzene-d5  
 Concen: 50.00 ug/l  
 RT: 10.098 min Scan# 1478  
 Delta R.T. 0.006 min  
 Lab File: VX020247.D  
 Acq: 21 Dec 2020 14:06



Tgt Ion: 117 Resp: 411837

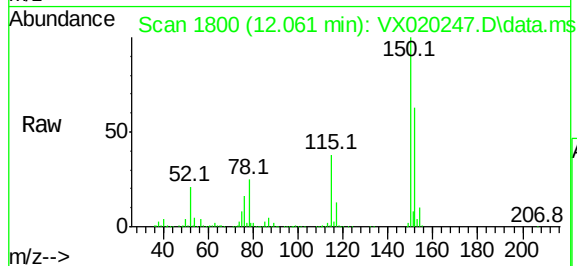
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 117 | 100   |       |       |
| 82  | 57.2  | 47.4  | 71.2  |
| 119 | 33.6  | 26.6  | 39.8  |





#1794 (-)  
 1,4-Dichlorobenzene-d4  
 Concen: 50.00 ug/l  
 RT: 12.061 min Scan# 1800  
 Delta R.T. -0.000 min  
 Lab File: VX020247.D  
 Acq: 21 Dec 2020 14:06

**Instrument :**  
 MSVOA\_X  
**ClientSampleId :**  
 49-TB-121520



Tgt Ion:152 Resp: 174606

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 152 | 100   |       |       |
| 115 | 61.2  | 41.1  | 123.3 |
| 150 | 159.1 | 0.0   | 349.0 |

