

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX122120\  
 Data File : VX020274.D  
 Acq On : 22 Dec 2020 01:23  
 Operator : JC/MD  
 Sample : PB133709ZHE#05  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 41 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 PB133709ZHE#05

Quant Time: Dec 22 05:16:36 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

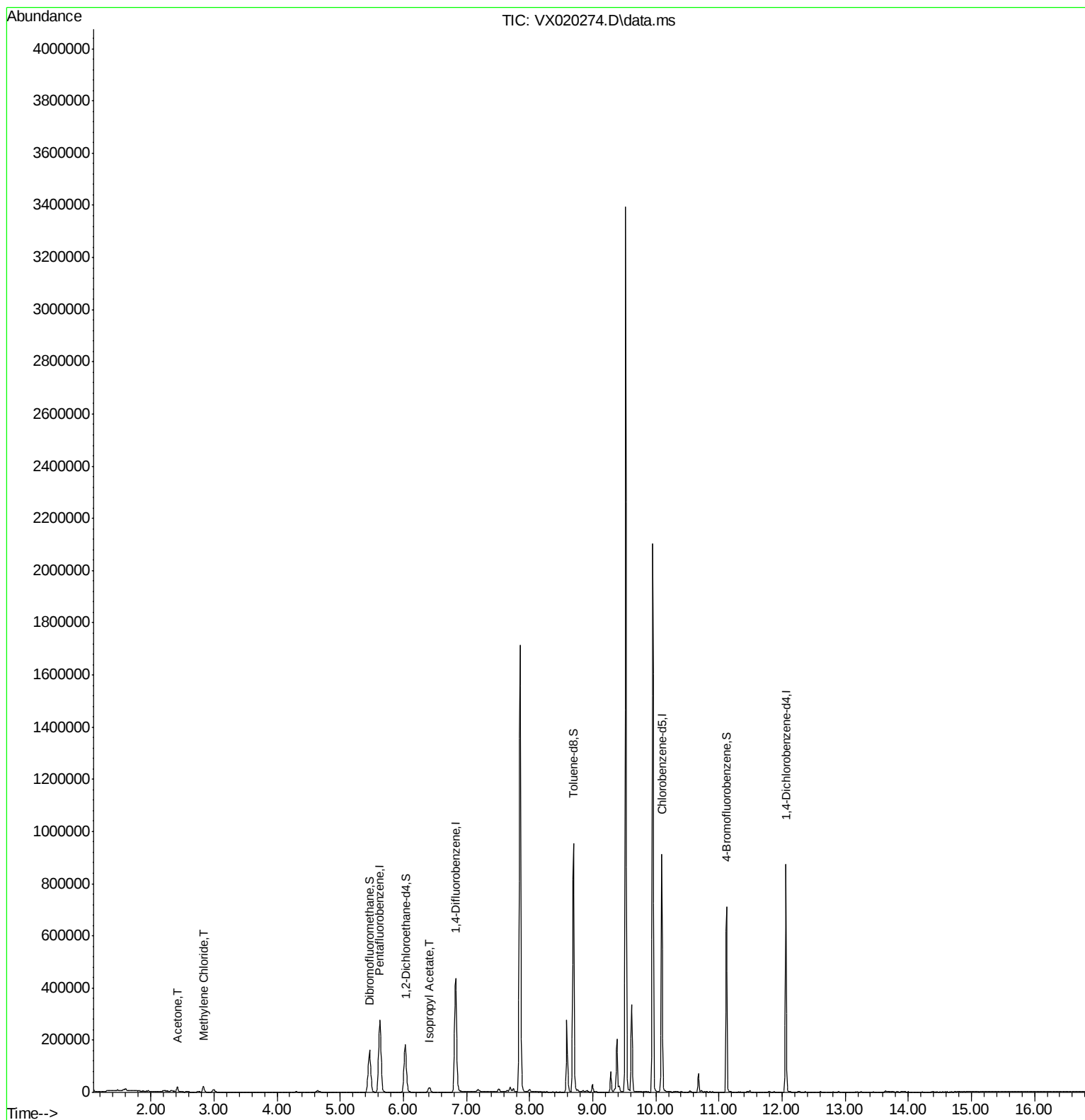
| Compound                    | R.T.   | QIon           | Response | Conc  | Units   | Dev(Min) |
|-----------------------------|--------|----------------|----------|-------|---------|----------|
| -----                       |        |                |          |       |         |          |
| Internal Standards          |        |                |          |       |         |          |
| 1) Pentafluorobenzene       | 5.629  | 168            | 258350   | 50.00 | ug/l    | 0.01     |
| 34) 1,4-Difluorobenzene     | 6.830  | 114            | 439260   | 50.00 | ug/l    | 0.00     |
| 63) Chlorobenzene-d5        | 10.097 | 117            | 425865   | 50.00 | ug/l    | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 12.060 | 152            | 175674   | 50.00 | ug/l    | 0.00     |
| System Monitoring Compounds |        |                |          |       |         |          |
| 33) 1,2-Dichloroethane-d4   | 6.031  | 65             | 175542   | 50.69 | ug/l    | 0.00     |
| Spiked Amount               | 50.000 | Range 61 - 141 | Recovery | =     | 101.38% |          |
| 35) Dibromofluoromethane    | 5.464  | 113            | 140155   | 49.88 | ug/l    | 0.00     |
| Spiked Amount               | 50.000 | Range 69 - 133 | Recovery | =     | 99.76%  |          |
| 50) Toluene-d8              | 8.695  | 98             | 554449   | 51.26 | ug/l    | 0.00     |
| Spiked Amount               | 50.000 | Range 65 - 126 | Recovery | =     | 102.52% |          |
| 62) 4-Bromofluorobenzene    | 11.122 | 95             | 192465   | 46.49 | ug/l    | 0.00     |
| Spiked Amount               | 50.000 | Range 58 - 135 | Recovery | =     | 92.98%  |          |
| Target Compounds            |        |                |          |       |         | Qvalue   |
| 16) Acetone                 | 2.416  | 43             | 18019    | 11.41 | ug/l    | 98       |
| 20) Methylene Chloride      | 2.830  | 84             | 11155    | 3.13  | ug/l    | 98       |
| 43) Isopropyl Acetate       | 6.415  | 43             | 24538    | 3.45  | ug/l    | 97       |
| -----                       |        |                |          |       |         |          |

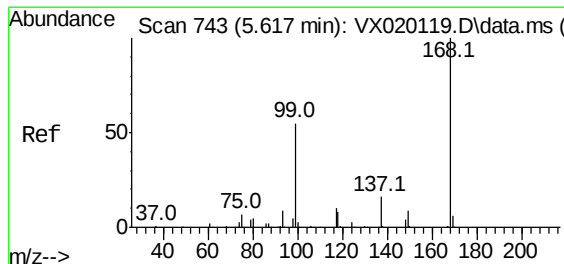
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX122120\  
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Sample : PB133709ZHE#05  
Misc : 5.0mL/MSVOA\_X/WATER  
ALS Vial : 41 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
PB133709ZHE#05

Quant Time: Dec 22 05:16:36 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

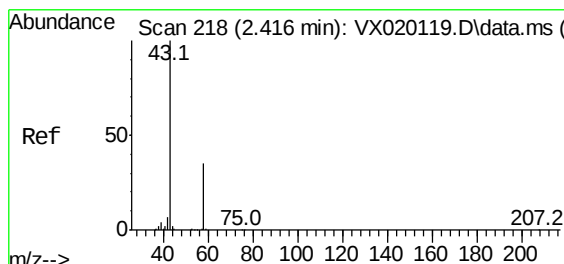
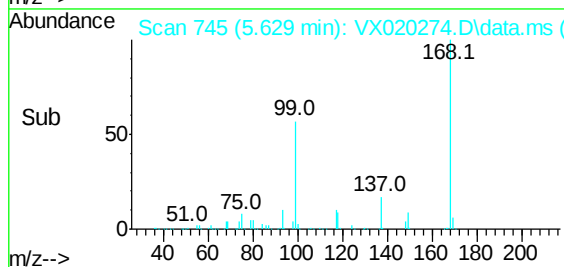
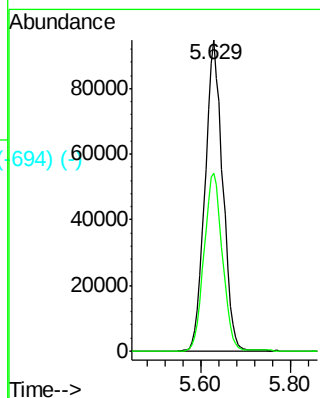
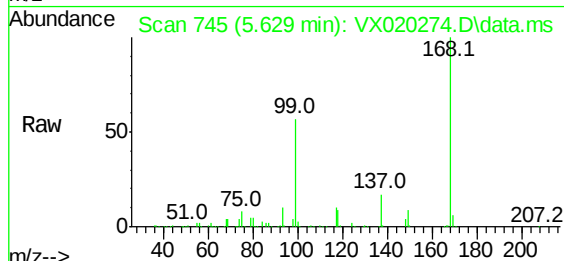




Scan 743 (5.617 min): VX020119.D\data.ms (-743) (-)  
 Pentafluorobenzene  
 Concen: 50.00 ug/l  
 RT: 5.629 min Scan# 745  
 Delta R.T. 0.012 min  
 Lab File: VX020274.D  
 Acq: 22 Dec 2020 01:23

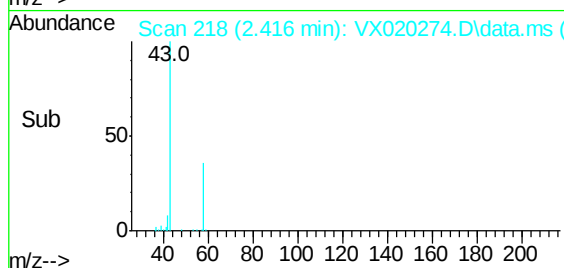
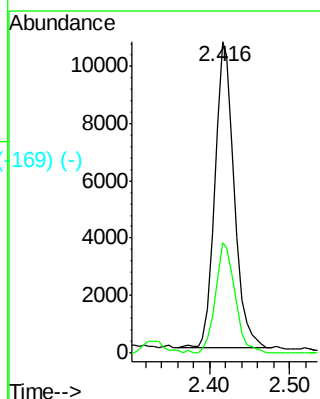
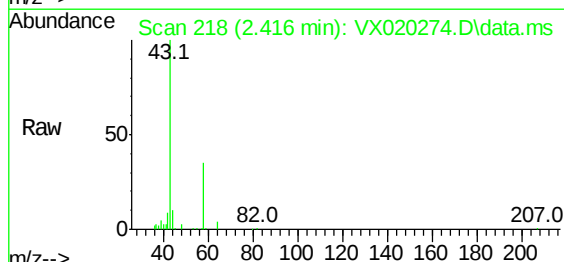
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 PB133709ZHE#05

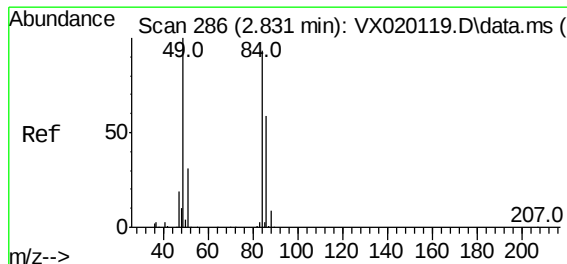
Tgt Ion: 168 Resp: 258350  
 Ion Ratio Lower Upper  
 168 100  
 99 57.1 45.8 68.6



Scan 218 (2.416 min): VX020119.D\data.ms (-218) (-)  
 Acetone  
 Concen: 11.41 ug/l  
 RT: 2.416 min Scan# 218  
 Delta R.T. -0.000 min  
 Lab File: VX020274.D  
 Acq: 22 Dec 2020 01:23

Tgt Ion: 43 Resp: 18019  
 Ion Ratio Lower Upper  
 43 100  
 58 36.0 27.8 41.8



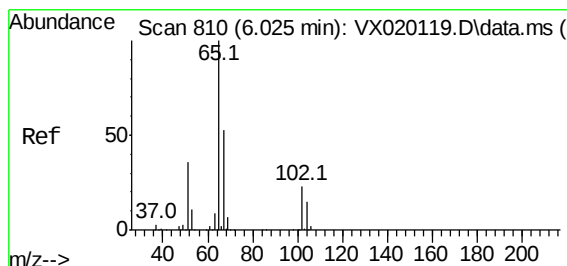
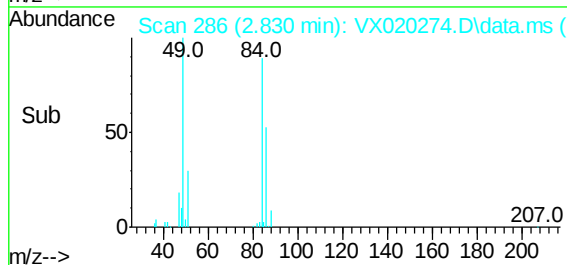
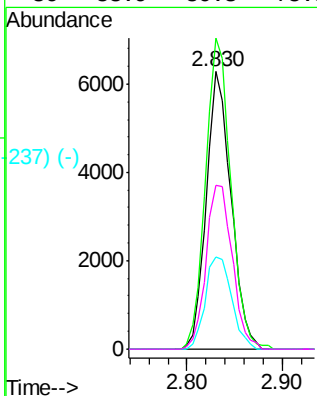
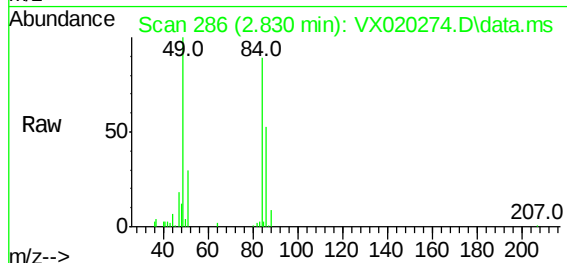


Methylene Chloride  
Concen: 3.13 ug/l  
RT: 2.830 min Scan# 286  
Delta R.T. -0.001 min  
Lab File: VX020274.D  
Acq: 22 Dec 2020 01:23

Instrument :  
MSVOA\_X  
ClientSampleId :  
PB133709ZHE#05

Tgt Ion: 84 Resp: 11155

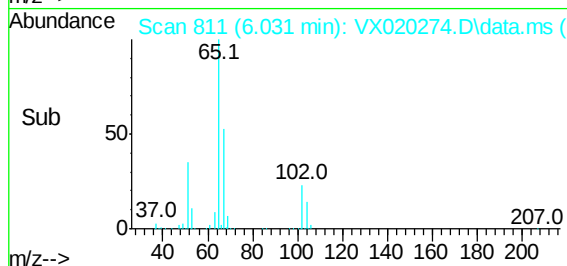
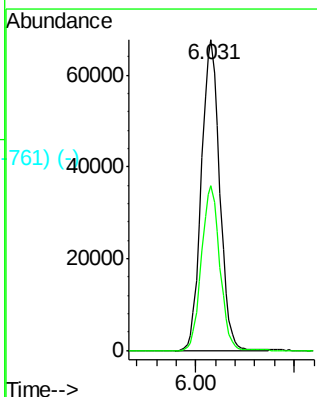
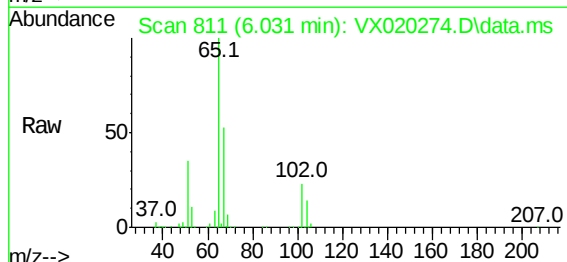
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 84  | 100   |       |       |
| 49  | 112.2 | 88.6  | 132.8 |
| 51  | 33.2  | 27.0  | 40.6  |
| 86  | 58.9  | 50.3  | 75.5  |

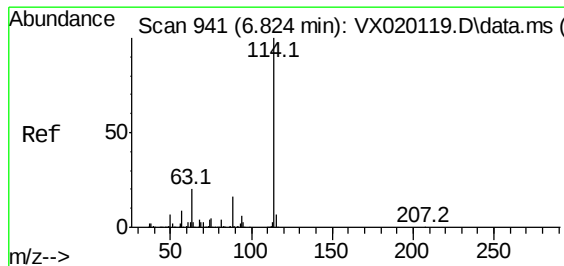


1,2-Dichloroethane-d4  
Concen: 50.69 ug/l  
RT: 6.031 min Scan# 811  
Delta R.T. 0.006 min  
Lab File: VX020274.D  
Acq: 22 Dec 2020 01:23

Tgt Ion: 65 Resp: 175542

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 65  | 100   |       |       |
| 67  | 53.0  | 0.0   | 105.4 |

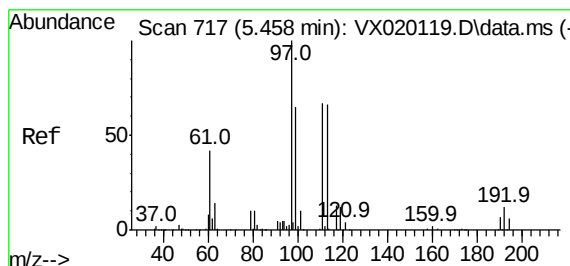
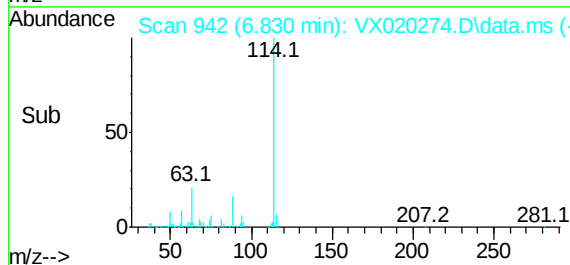
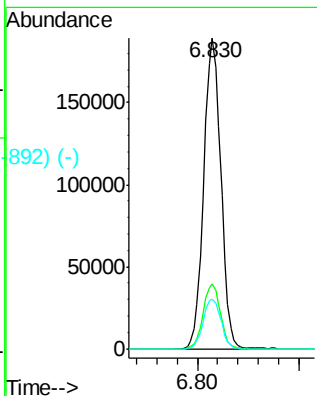
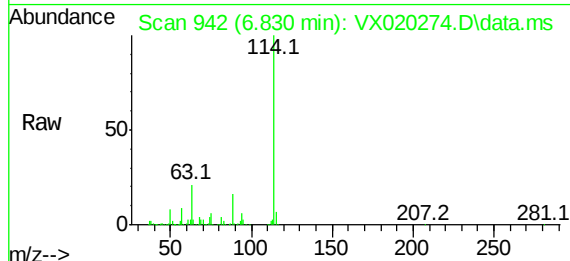




1,4-Difluorobenzene  
Concen: 50.00 ug/l  
RT: 6.830 min Scan# 942  
Delta R.T. 0.006 min  
Lab File: VX020274.D  
Acq: 22 Dec 2020 01:23

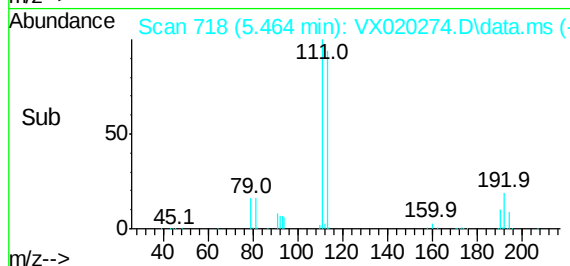
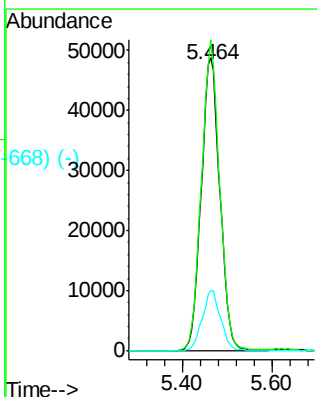
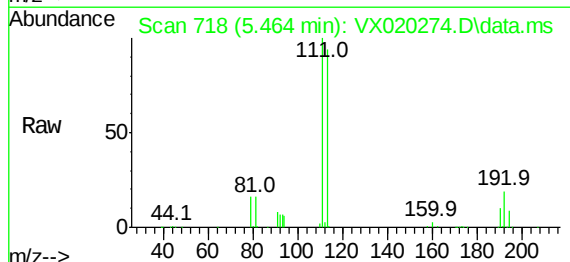
Instrument :  
MSVOA\_X  
ClientSampleId :  
PB133709ZHE#05

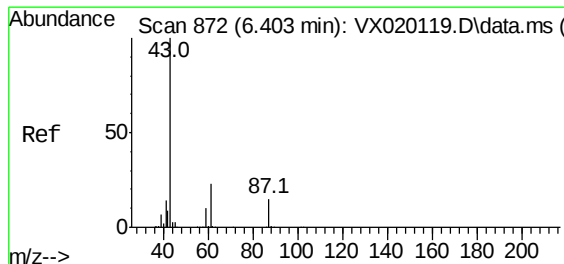
Tgt Ion:114 Resp: 439260  
Ion Ratio Lower Upper  
114 100  
63 20.9 0.0 40.8  
88 16.0 0.0 32.8



Dibromofluoromethane  
Concen: 49.88 ug/l  
RT: 5.464 min Scan# 718  
Delta R.T. 0.006 min  
Lab File: VX020274.D  
Acq: 22 Dec 2020 01:23

Tgt Ion:113 Resp: 140155  
Ion Ratio Lower Upper  
113 100  
111 103.6 81.9 122.9  
192 20.0 16.7 25.1

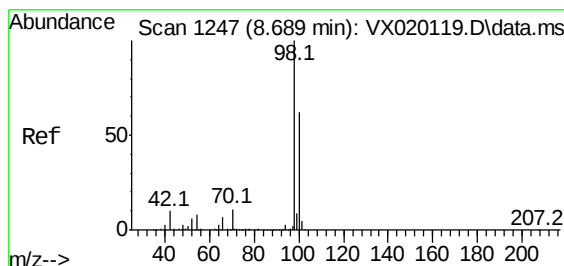
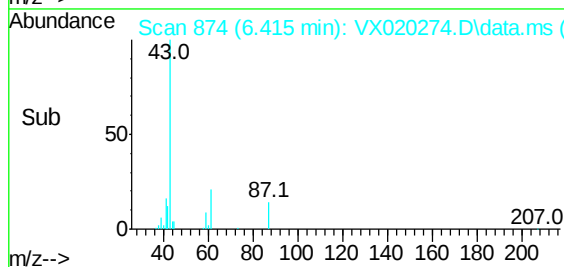
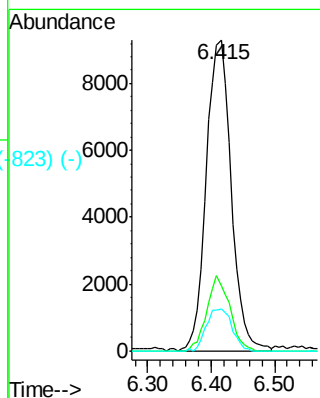
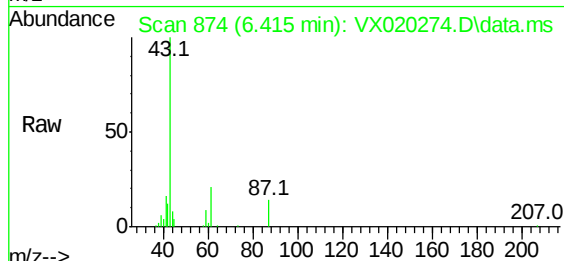




#43 (-)  
Isopropyl Acetate  
Concen: 3.45 ug/l  
RT: 6.415 min Scan# 874  
Delta R.T. 0.012 min  
Lab File: VX020274.D  
Acq: 22 Dec 2020 01:23

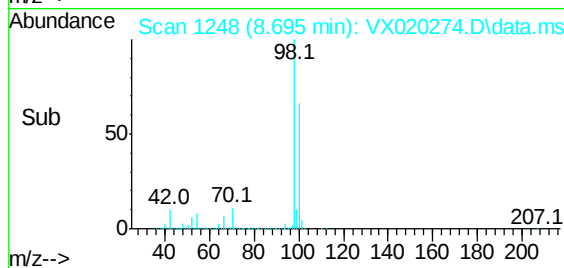
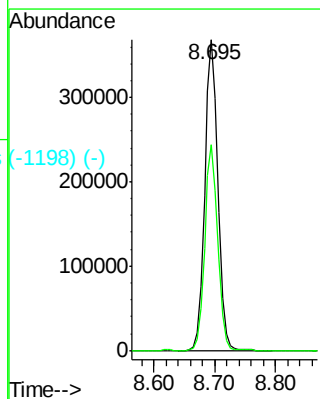
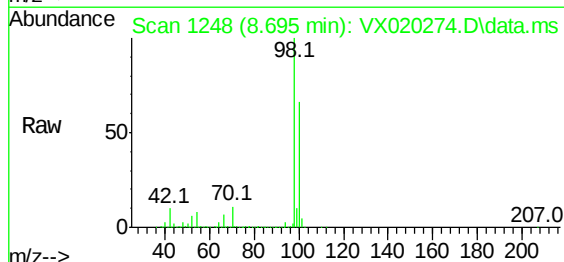
Instrument :  
MSVOA\_X  
ClientSampleId :  
PB133709ZHE#05

Tgt Ion: 43 Resp: 24538  
Ion Ratio Lower Upper  
43 100  
61 22.1 18.2 27.4  
87 13.8 12.5 18.7



#509 (-)  
Toluene-d8  
Concen: 51.26 ug/l  
RT: 8.695 min Scan# 1248  
Delta R.T. 0.006 min  
Lab File: VX020274.D  
Acq: 22 Dec 2020 01:23

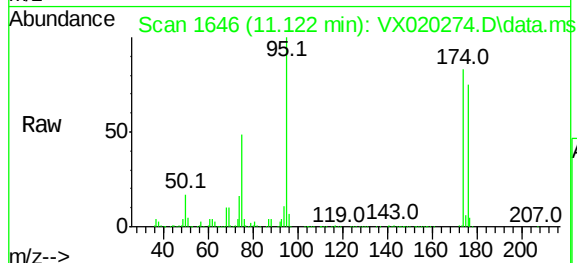
Tgt Ion: 98 Resp: 554449  
Ion Ratio Lower Upper  
98 100  
100 65.8 51.9 77.9





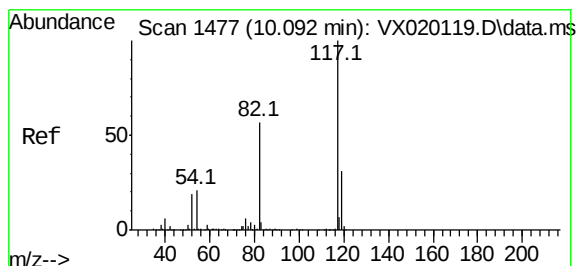
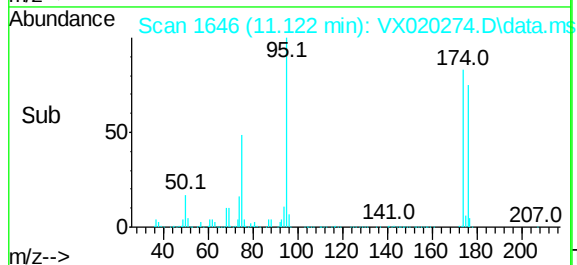
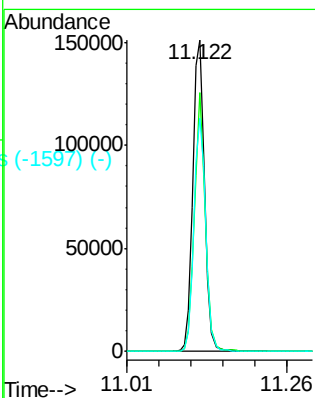
#639 (-)  
 4-Bromofluorobenzene  
 Concen: 46.49 ug/l  
 RT: 11.122 min Scan# 1646  
 Delta R.T. -0.000 min  
 Lab File: VX020274.D  
 Acq: 22 Dec 2020 01:23

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 PB133709ZHE#05

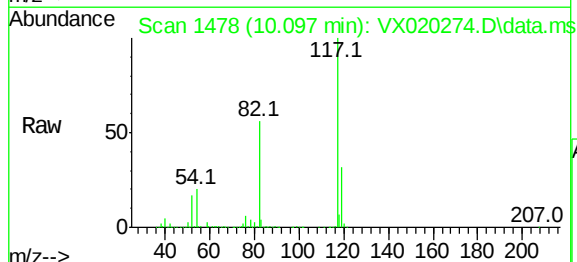


Tgt Ion: 95 Resp: 192465

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 95  | 100   |       |       |
| 174 | 76.7  | 0.0   | 154.6 |
| 176 | 75.5  | 0.0   | 155.8 |

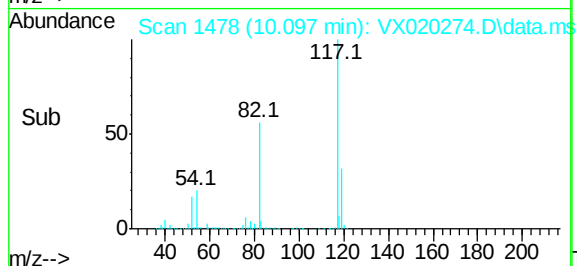
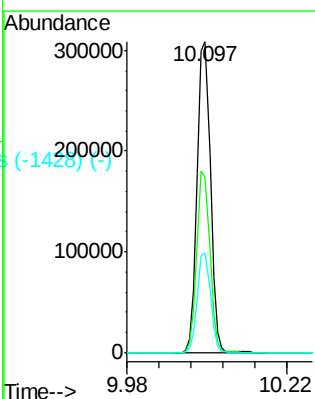


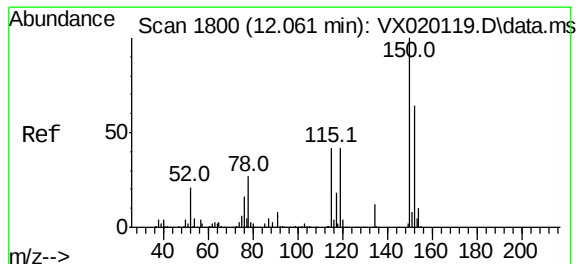
#640 (-)  
 Chlorobenzene-d5  
 Concen: 50.00 ug/l  
 RT: 10.097 min Scan# 1478  
 Delta R.T. 0.005 min  
 Lab File: VX020274.D  
 Acq: 22 Dec 2020 01:23



Tgt Ion: 117 Resp: 425865

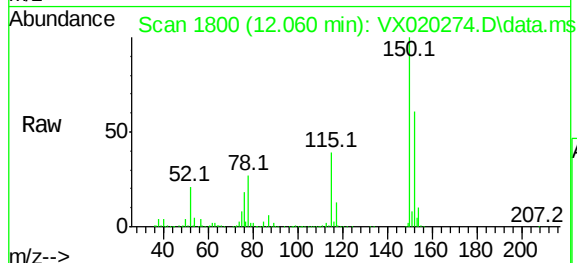
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 117 | 100   |       |       |
| 82  | 56.1  | 47.4  | 71.2  |
| 119 | 32.0  | 26.6  | 39.8  |





#1794 (-)  
 1,4-Dichlorobenzene-d4  
 Concen: 50.00 ug/l  
 RT: 12.060 min Scan# 1800  
 Delta R.T. -0.001 min  
 Lab File: VX020274.D  
 Acq: 22 Dec 2020 01:23

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 PB133709ZHE#05



|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 152   | Resp: | 175674 |
| Ion Ratio | Lower | Upper |        |
| 152       | 100   |       |        |
| 115       | 61.5  | 41.1  | 123.3  |
| 150       | 156.6 | 0.0   | 349.0  |

