

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX121220\  
 Data File : VX019932.D  
 Acq On : 12 Dec 2020 15:14  
 Operator : JC/MD  
 Sample : L4996-15DL 25X  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 RE132D6-20201207DL

Quant Time: Dec 14 05:27:23 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X120420W.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Dec 04 15:32:53 2020  
 Response via : Initial Calibration

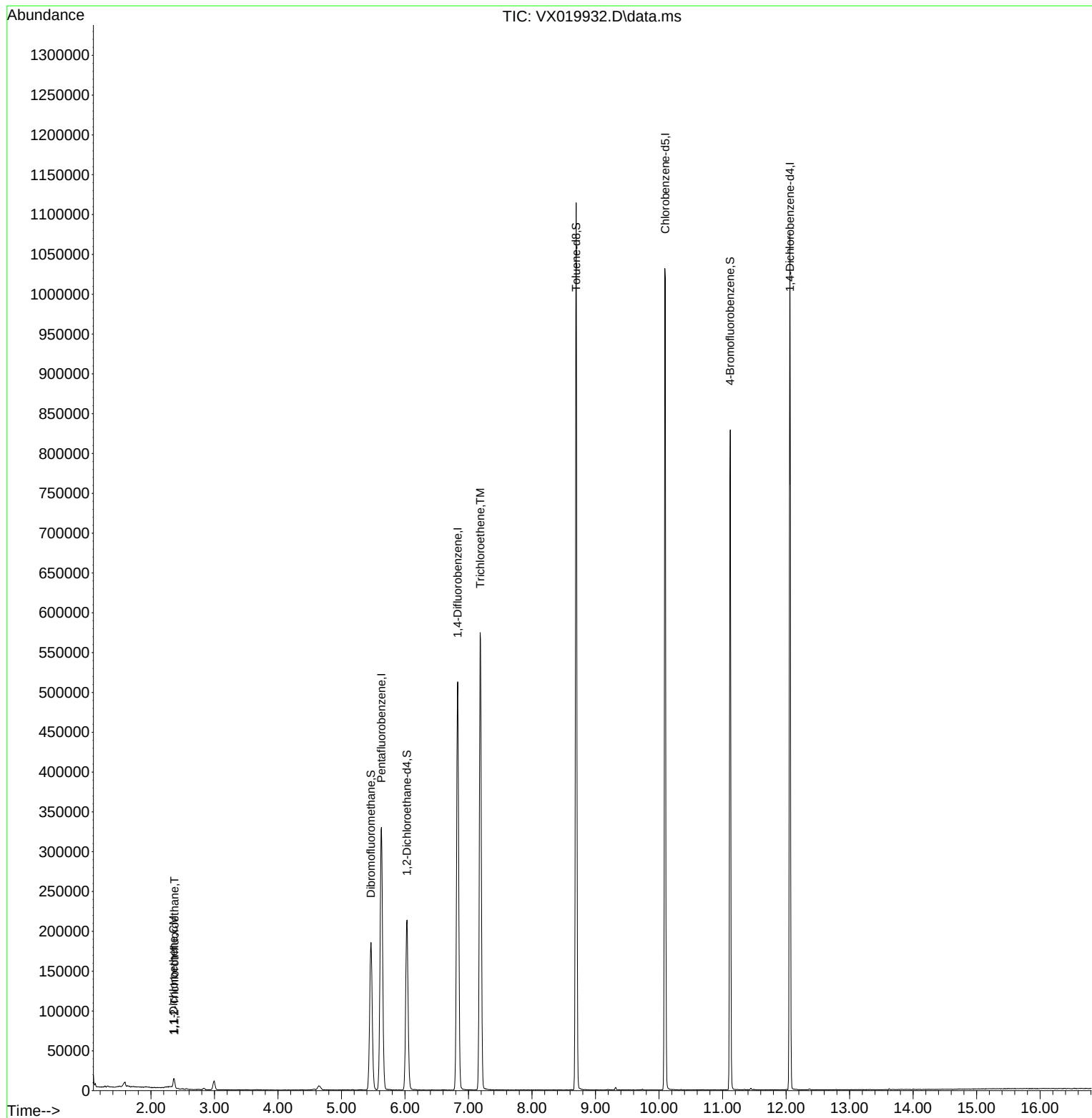
| Compound                     | R.T.   | QIon  | Response | Conc     | Units | Dev(Min) |
|------------------------------|--------|-------|----------|----------|-------|----------|
| -----                        |        |       |          |          |       |          |
| Internal Standards           |        |       |          |          |       |          |
| 1) Pentafluorobenzene        | 5.629  | 168   | 317344   | 50.00    | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene      | 6.830  | 114   | 530126   | 50.00    | ug/l  | 0.00     |
| 63) Chlorobenzene-d5         | 10.098 | 117   | 489253   | 50.00    | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4   | 12.061 | 152   | 214317   | 50.00    | ug/l  | 0.00     |
| System Monitoring Compounds  |        |       |          |          |       |          |
| 33) 1,2-Dichloroethane-d4    | 6.031  | 65    | 202836   | 48.63    | ug/l  | 0.00     |
| Spiked Amount                | 50.000 | Range | 61 - 141 | Recovery | =     | 97.26%   |
| 35) Dibromofluoromethane     | 5.464  | 113   | 162175   | 47.33    | ug/l  | 0.00     |
| Spiked Amount                | 50.000 | Range | 69 - 133 | Recovery | =     | 94.66%   |
| 50) Toluene-d8               | 8.696  | 98    | 641706   | 49.06    | ug/l  | 0.00     |
| Spiked Amount                | 50.000 | Range | 65 - 126 | Recovery | =     | 98.12%   |
| 62) 4-Bromofluorobenzene     | 11.122 | 95    | 226599   | 45.52    | ug/l  | 0.00     |
| Spiked Amount                | 50.000 | Range | 58 - 135 | Recovery | =     | 91.04%   |
| Target Compounds             |        |       |          |          |       |          |
|                              |        |       |          |          |       | Qvalue   |
| 9) 1,1,2-Trichlorotrifluo... | 2.367  | 101   | 3780     | 1.31     | ug/l  | 99       |
| 12) 1,1-Dichloroethene       | 2.355  | 96    | 1366     | 0.47     | ug/l  | 97       |
| 44) Trichloroethene          | 7.184  | 130   | 230165   | 59.95    | ug/l  | 99       |
| -----                        |        |       |          |          |       |          |

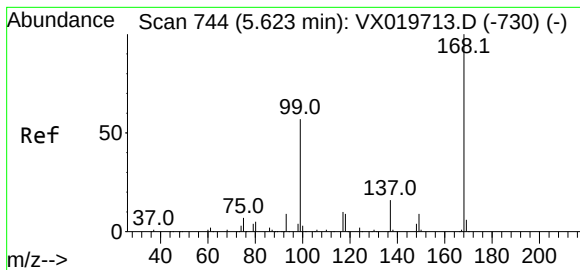
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X120420W.M  
Quant Title : SW846 8260  
QLast Update : Fri Dec 04 15:32:53 2020  
Response via : Initial Calibration

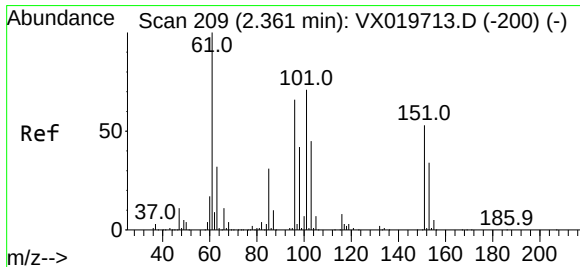
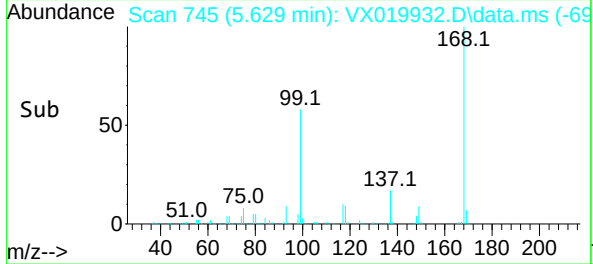
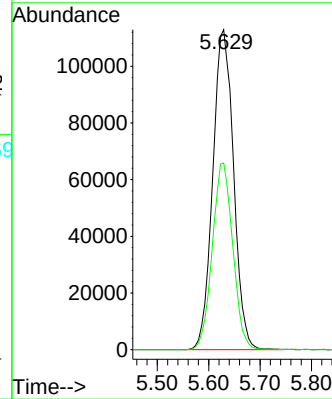
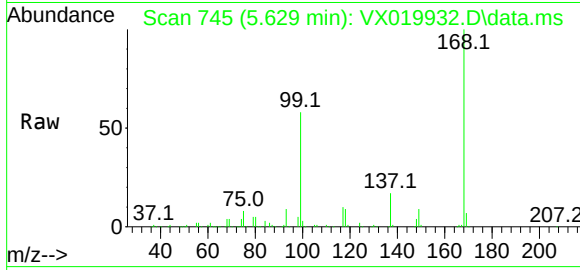




#1  
Pentafluorobenzene  
Concen: 50.00 ug/l  
RT: 5.629 min Scan# 745  
Delta R.T. 0.006 min  
Lab File: VX019932.D  
Acq: 12 Dec 2020 15:14

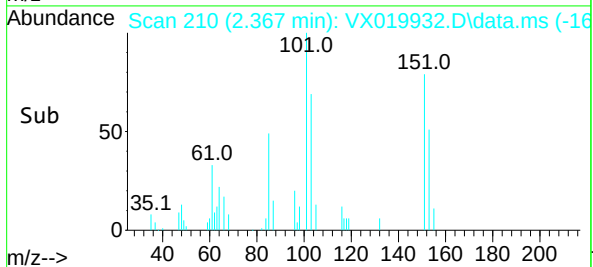
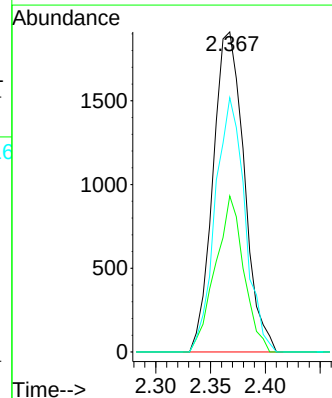
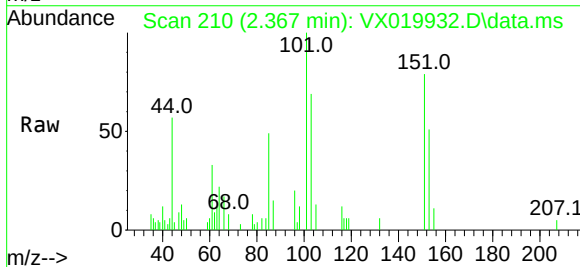
Instrument :  
MSVOA\_X  
ClientSampleId :  
RE132D6-20201207DL

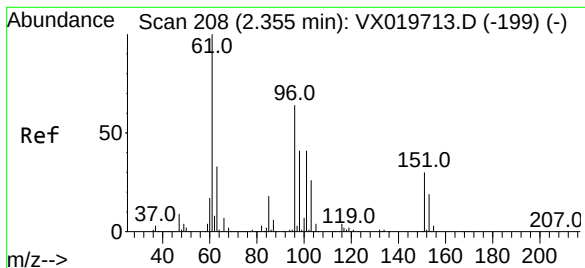
Tgt Ion:168 Resp: 317344  
Ion Ratio Lower Upper  
168 100  
99 58.4 45.8 68.6



#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 1.31 ug/l  
RT: 2.367 min Scan# 210  
Delta R.T. 0.006 min  
Lab File: VX019932.D  
Acq: 12 Dec 2020 15:14

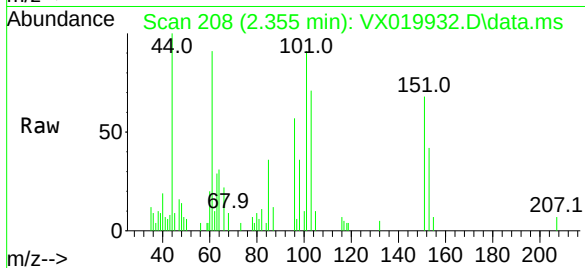
Tgt Ion:101 Resp: 3780  
Ion Ratio Lower Upper  
101 100  
85 44.5 34.9 52.3  
151 75.8 61.4 92.2





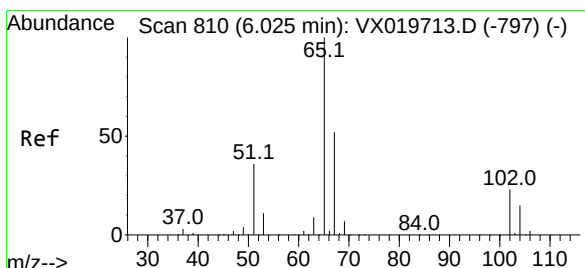
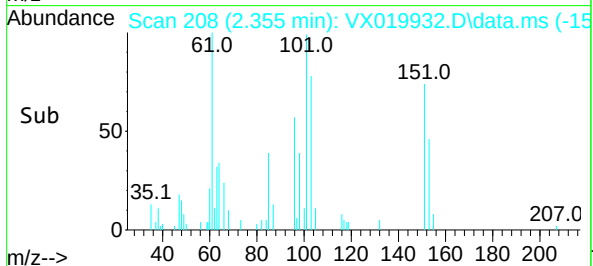
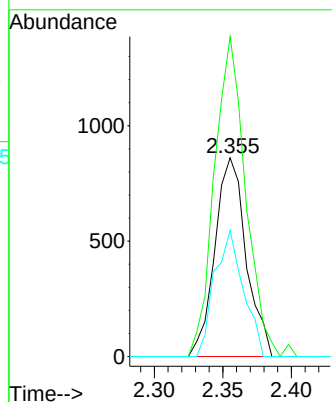
#12  
1,1-Dichloroethene  
Concen: 0.47 ug/l  
RT: 2.355 min Scan# 208  
Delta R.T. 0.000 min  
Lab File: VX019932.D  
Acq: 12 Dec 2020 15:14

Instrument :  
MSVOA\_X  
ClientSampleId :  
RE132D6-20201207DL



Tgt Ion: 96 Resp: 1366

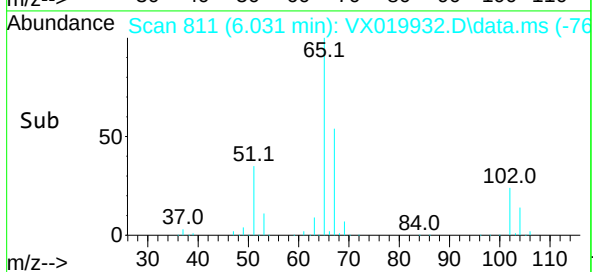
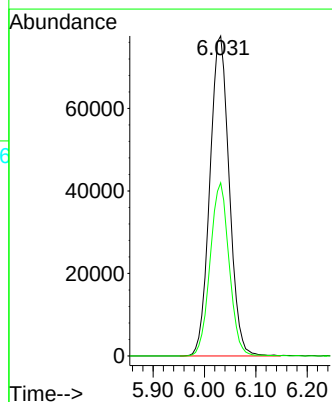
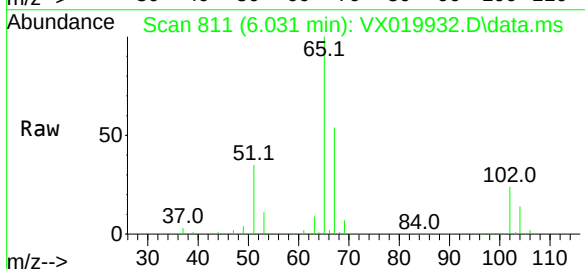
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 96  | 100   |       |       |
| 61  | 161.0 | 124.6 | 187.0 |
| 98  | 63.5  | 50.6  | 76.0  |

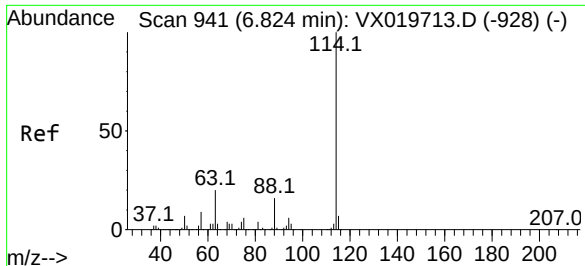


#33  
1,2-Dichloroethane-d4  
Concen: 48.63 ug/l  
RT: 6.031 min Scan# 811  
Delta R.T. 0.006 min  
Lab File: VX019932.D  
Acq: 12 Dec 2020 15:14

Tgt Ion: 65 Resp: 202836

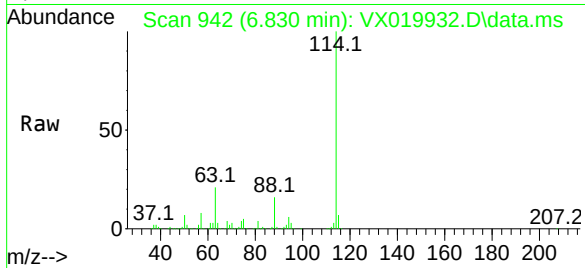
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 65  | 100   |       |       |
| 67  | 53.1  | 0.0   | 105.4 |



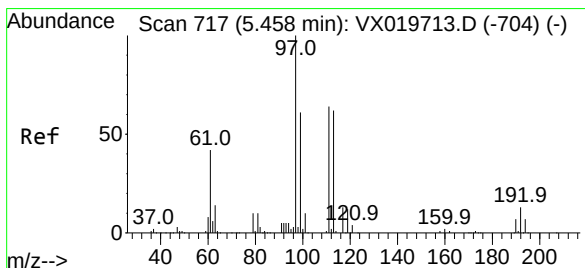
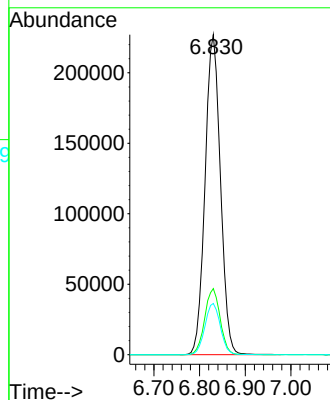
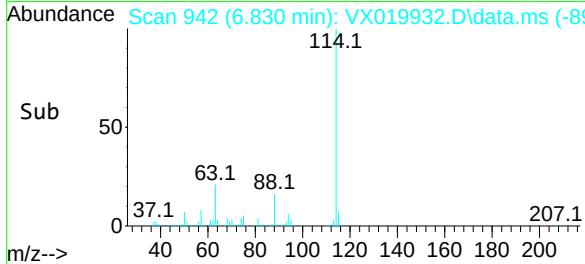


#34  
1,4-Difluorobenzene  
Concen: 50.00 ug/l  
RT: 6.830 min Scan# 942  
Delta R.T. 0.006 min  
Lab File: VX019932.D  
Acq: 12 Dec 2020 15:14

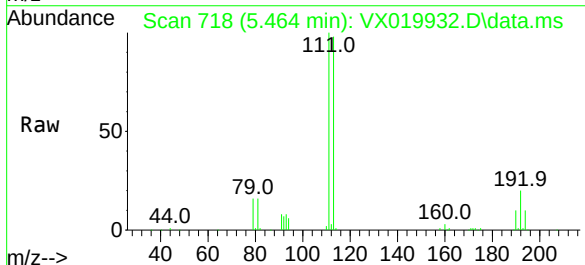
Instrument :  
MSVOA\_X  
ClientSampleId :  
RE132D6-20201207DL



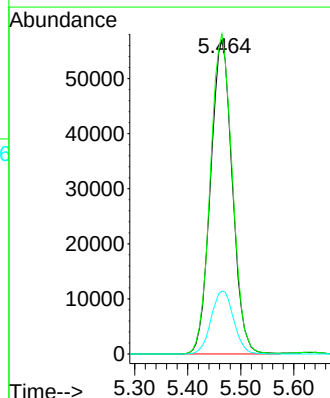
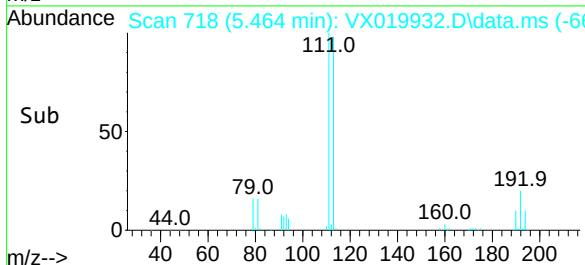
Tgt Ion:114 Resp: 530126  
Ion Ratio Lower Upper  
114 100  
63 20.6 0.0 40.8  
88 16.0 0.0 32.8

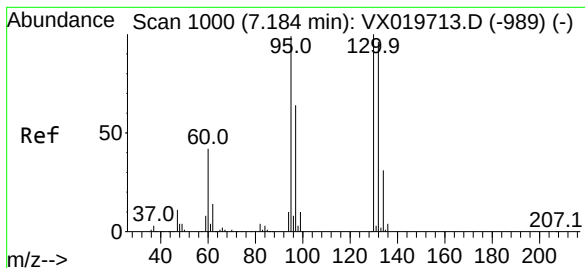


#35  
Dibromofluoromethane  
Concen: 47.33 ug/l  
RT: 5.464 min Scan# 718  
Delta R.T. 0.006 min  
Lab File: VX019932.D  
Acq: 12 Dec 2020 15:14



Tgt Ion:113 Resp: 162175  
Ion Ratio Lower Upper  
113 100  
111 103.0 81.9 122.9  
192 20.7 16.7 25.1

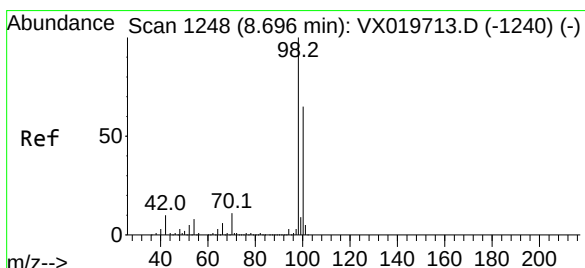
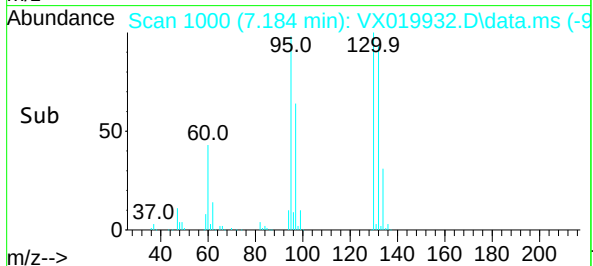
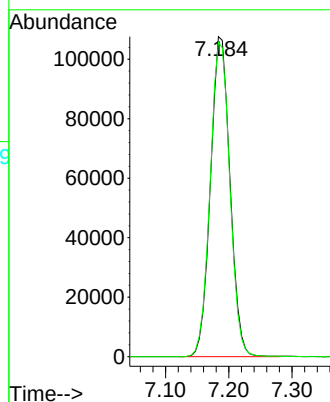
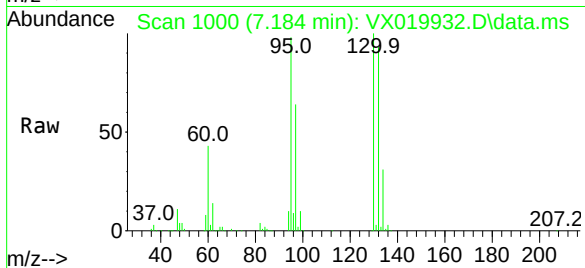




#44  
Trichloroethene  
Concen: 59.95 ug/l  
RT: 7.184 min Scan# 1000  
Delta R.T. 0.000 min  
Lab File: VX019932.D  
Acq: 12 Dec 2020 15:14

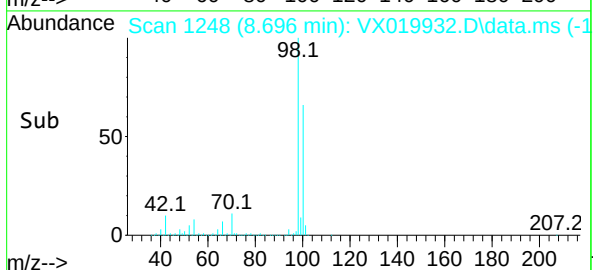
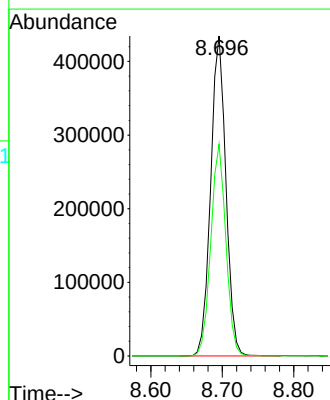
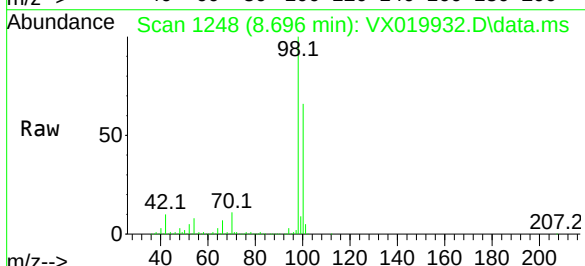
Instrument :  
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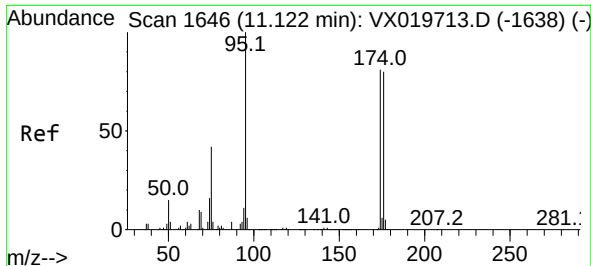
Tgt Ion:130 Resp: 230165  
Ion Ratio Lower Upper  
130 100  
95 98.2 0.0 198.0



#50  
Toluene-d8  
Concen: 49.06 ug/l  
RT: 8.696 min Scan# 1248  
Delta R.T. 0.000 min  
Lab File: VX019932.D  
Acq: 12 Dec 2020 15:14

Tgt Ion: 98 Resp: 641706  
Ion Ratio Lower Upper  
98 100  
100 65.6 51.9 77.9

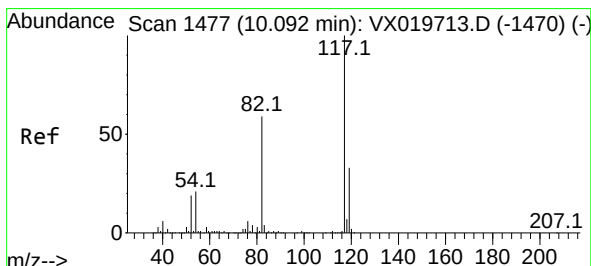
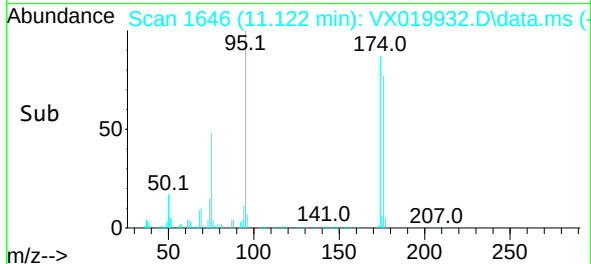
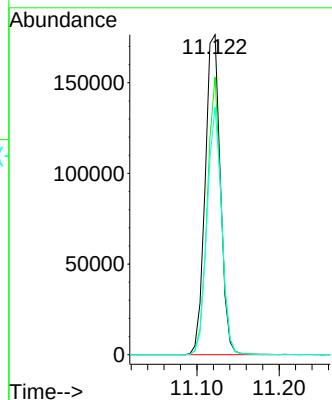
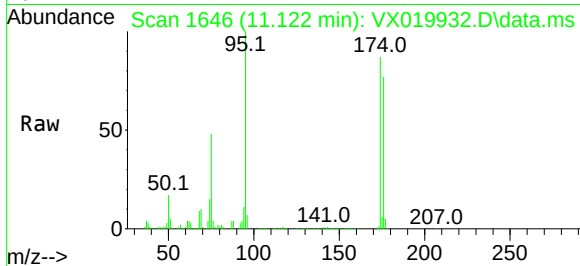




#62  
4-Bromofluorobenzene  
Concen: 45.52 ug/l  
RT: 11.122 min Scan# 1646  
Delta R.T. 0.000 min  
Lab File: VX019932.D  
Acq: 12 Dec 2020 15:14

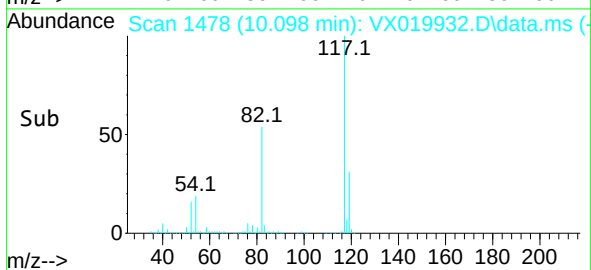
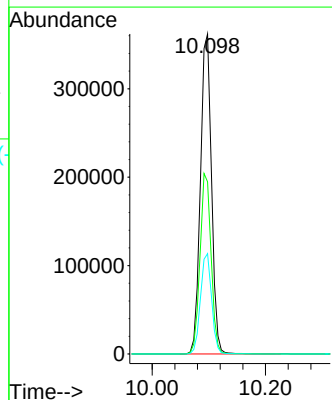
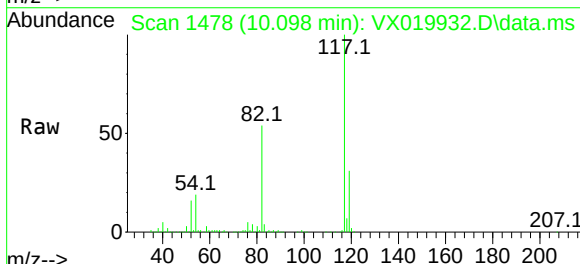
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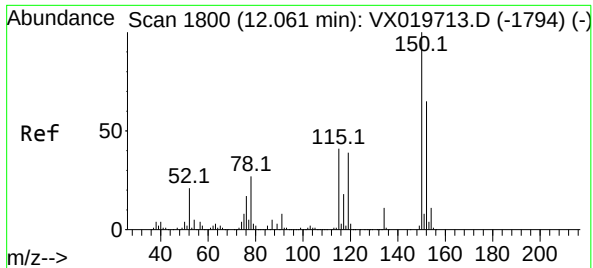
Tgt Ion: 95 Resp: 226599  
Ion Ratio Lower Upper  
95 100  
174 78.9 0.0 154.6  
176 74.1 0.0 155.8



#63  
Chlorobenzene-d5  
Concen: 50.00 ug/l  
RT: 10.098 min Scan# 1478  
Delta R.T. 0.006 min  
Lab File: VX019932.D  
Acq: 12 Dec 2020 15:14

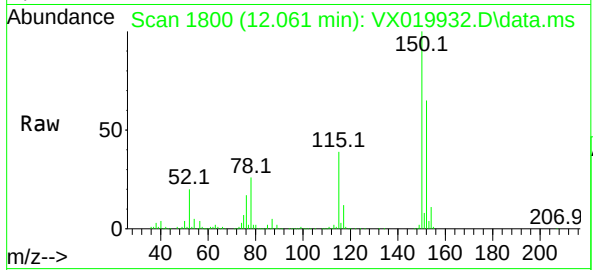
Tgt Ion: 117 Resp: 489253  
Ion Ratio Lower Upper  
117 100  
82 53.8 47.4 71.2  
119 31.4 26.6 39.8





#72  
 1,4-Dichlorobenzene-d4  
 Concen: 50.00 ug/l  
 RT: 12.061 min Scan# 1800  
 Delta R.T. 0.000 min  
 Lab File: VX019932.D  
 Acq: 12 Dec 2020 15:14

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 RE132D6-20201207DL



|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 152   | Resp: | 214317 |
| Ion      | Ratio | Lower | Upper  |
| 152      | 100   |       |        |
| 115      | 60.4  | 41.1  | 123.3  |
| 150      | 157.1 | 0.0   | 349.0  |

