

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX123020\  
 Data File : VX020452.D  
 Acq On : 30 Dec 2020 13:48  
 Operator : JC/MD  
 Sample : L5222-03 50X  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 31370

Quant Time: Dec 31 01:06:08 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

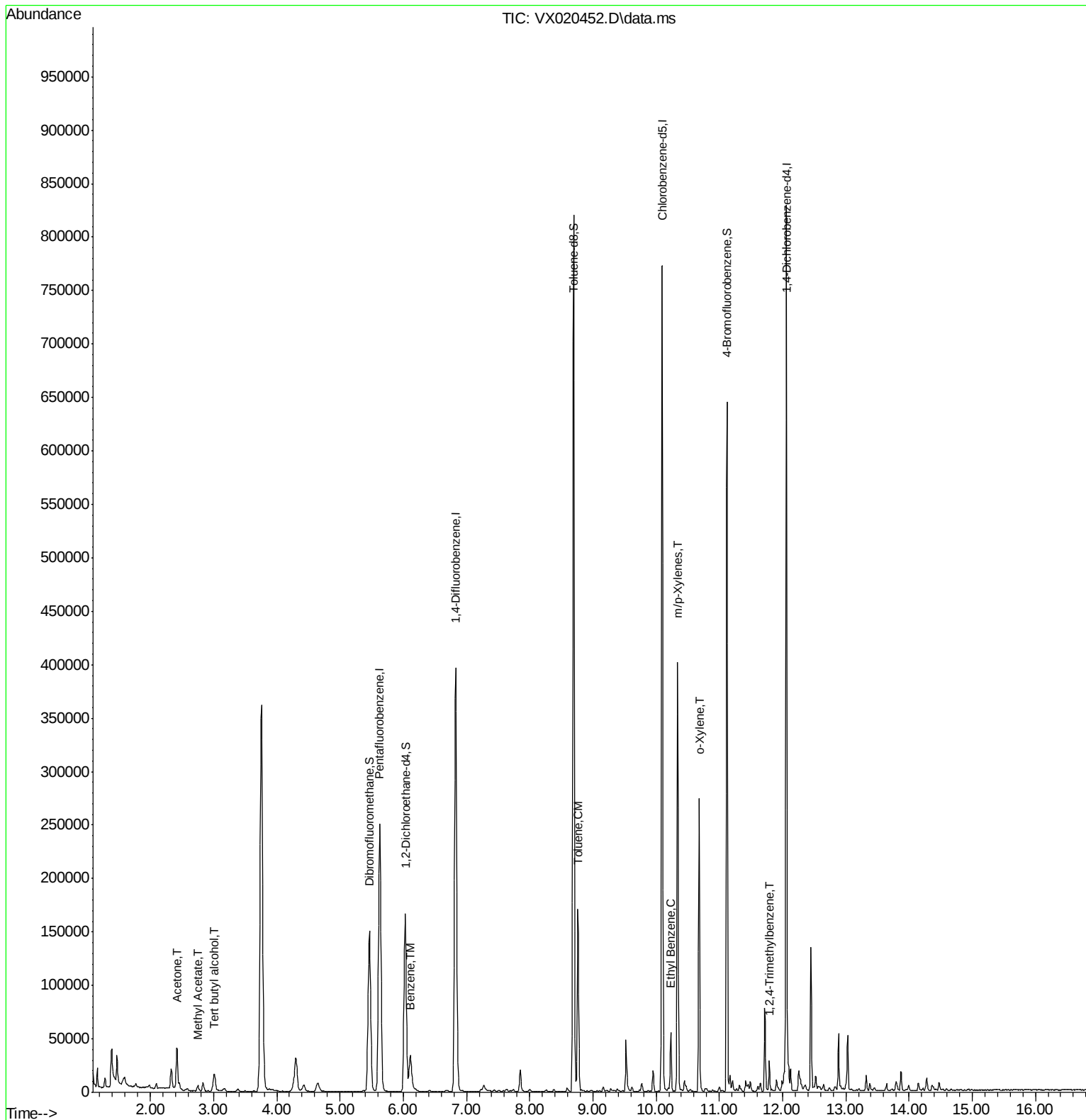
| Compound                    | R.T.   | QIon           | Response | Conc  | Units   | Dev(Min) |
|-----------------------------|--------|----------------|----------|-------|---------|----------|
| -----                       |        |                |          |       |         |          |
| Internal Standards          |        |                |          |       |         |          |
| 1) Pentafluorobenzene       | 5.629  | 168            | 237195   | 50.00 | ug/l    | 0.01     |
| 34) 1,4-Difluorobenzene     | 6.830  | 114            | 396072   | 50.00 | ug/l    | 0.00     |
| 63) Chlorobenzene-d5        | 10.098 | 117            | 374299   | 50.00 | ug/l    | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 12.061 | 152            | 169404   | 50.00 | ug/l    | 0.00     |
| System Monitoring Compounds |        |                |          |       |         |          |
| 33) 1,2-Dichloroethane-d4   | 6.031  | 65             | 157981   | 49.69 | ug/l    | 0.00     |
| Spiked Amount               | 50.000 | Range 61 - 141 | Recovery | =     | 99.38%  |          |
| 35) Dibromofluoromethane    | 5.464  | 113            | 130975   | 51.69 | ug/l    | 0.00     |
| Spiked Amount               | 50.000 | Range 69 - 133 | Recovery | =     | 103.38% |          |
| 50) Toluene-d8              | 8.696  | 98             | 481683   | 49.39 | ug/l    | 0.00     |
| Spiked Amount               | 50.000 | Range 65 - 126 | Recovery | =     | 98.78%  |          |
| 62) 4-Bromofluorobenzene    | 11.122 | 95             | 173912   | 46.59 | ug/l    | 0.00     |
| Spiked Amount               | 50.000 | Range 58 - 135 | Recovery | =     | 93.18%  |          |
| Target Compounds            |        |                |          |       |         |          |
|                             |        |                |          |       |         | Qvalue   |
| 11) Tert butyl alcohol      | 3.014  | 59             | 11528    | 16.19 | ug/l    | 99       |
| 16) Acetone                 | 2.416  | 43             | 41675    | 28.74 | ug/l    | 100      |
| 18) Methyl Acetate          | 2.752  | 43             | 6510     | 2.01  | ug/l    | 99       |
| 40) Benzene                 | 6.111  | 78             | 41697    | 3.42  | ug/l    | 100      |
| 52) Toluene                 | 8.763  | 92             | 62619    | 8.42  | ug/l    | 99       |
| 67) Ethyl Benzene           | 10.232 | 91             | 30995    | 2.21  | ug/l    | 100      |
| 68) m/p-Xylenes             | 10.342 | 106            | 90927    | 17.35 | ug/l    | 97       |
| 69) o-Xylene                | 10.683 | 106            | 60717    | 12.04 | ug/l    | 99       |
| 84) 1,2,4-Trimethylbenzene  | 11.793 | 105            | 12495    | 1.19  | ug/l    | 98       |
| -----                       |        |                |          |       |         |          |

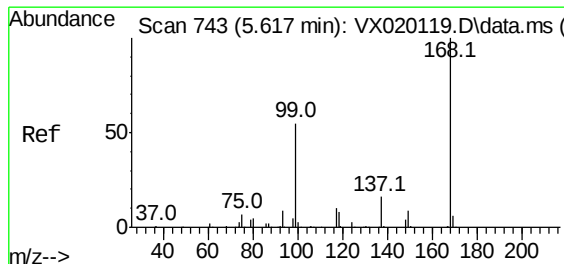
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 7 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
31370

Quant Time: Dec 31 01:06:08 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

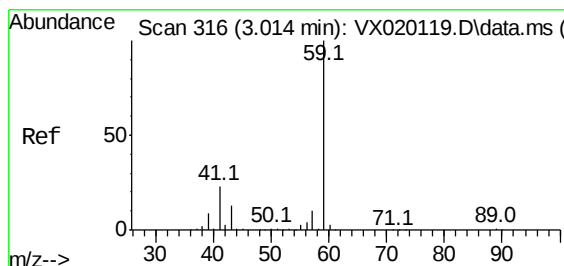
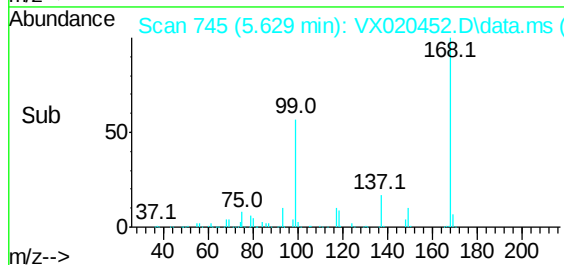
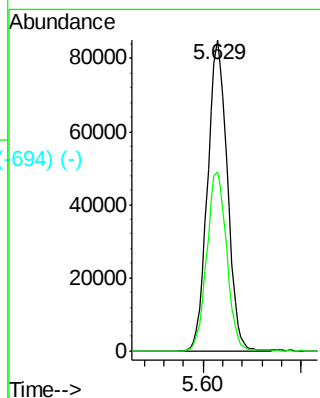
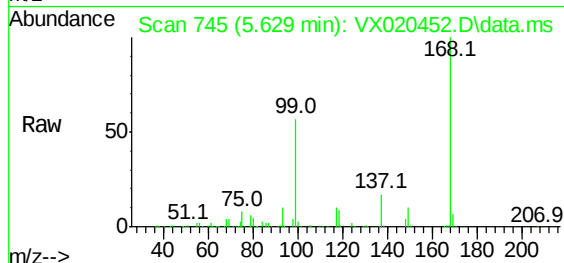




Scan 743 (5.617 min): VX020119.D\data.ms (-743) (-)  
 Pentafluorobenzene  
 Concen: 50.00 ug/l  
 RT: 5.629 min Scan# 745  
 Delta R.T. 0.012 min  
 Lab File: VX020452.D  
 Acq: 30 Dec 2020 13:48

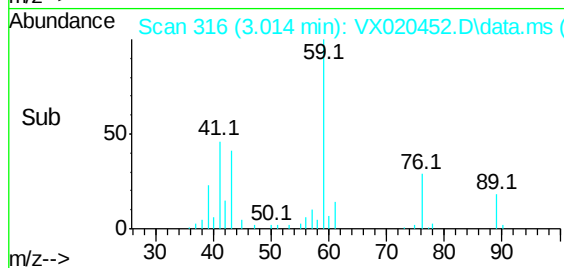
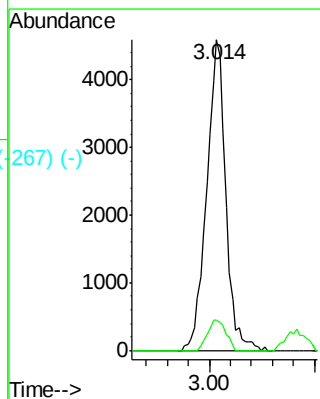
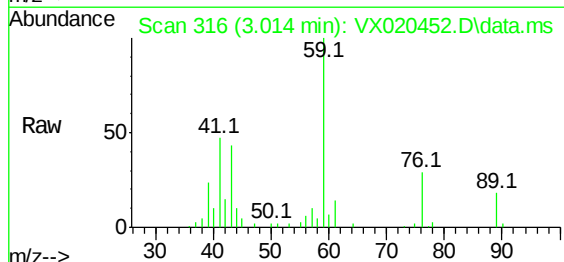
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 31370

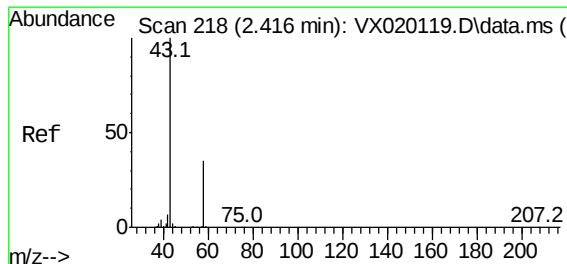
Tgt Ion:168 Resp: 237195  
 Ion Ratio Lower Upper  
 168 100  
 99 57.4 45.8 68.6



Scan 316 (3.014 min): VX020119.D\data.ms (-316) (-)  
 Tert butyl alcohol  
 Concen: 16.19 ug/l  
 RT: 3.014 min Scan# 316  
 Delta R.T. -0.000 min  
 Lab File: VX020452.D  
 Acq: 30 Dec 2020 13:48

Tgt Ion: 59 Resp: 11528  
 Ion Ratio Lower Upper  
 59 100  
 57 9.3 7.8 11.8

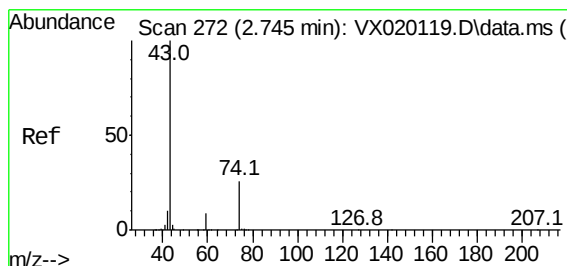
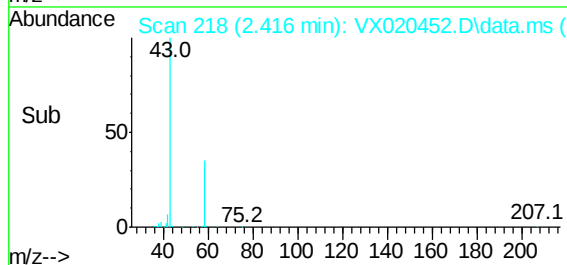
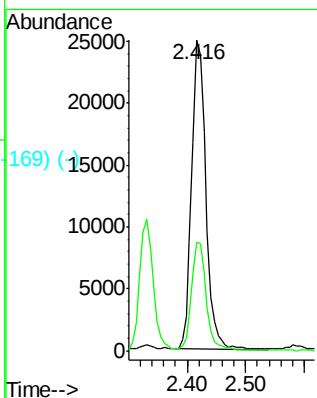
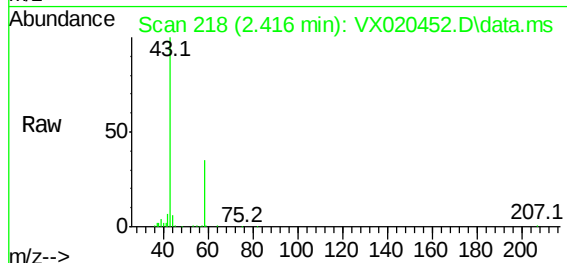




Acetone  
Concen: 28.74 ug/l  
RT: 2.416 min Scan# 218  
Delta R.T. 0.000 min  
Lab File: VX020452.D  
Acq: 30 Dec 2020 13:48

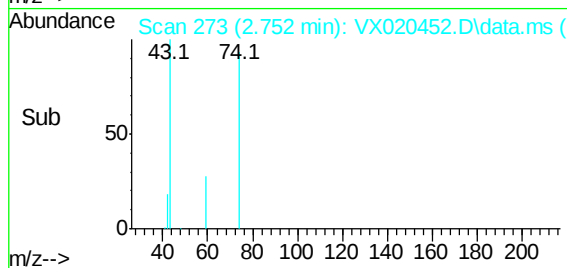
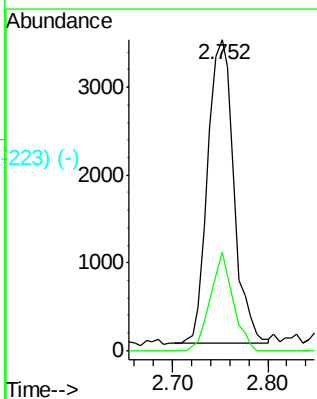
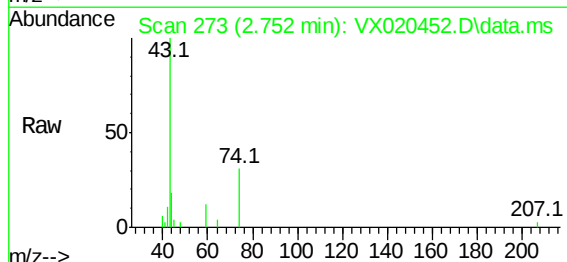
Instrument :  
MSVOA\_X  
ClientSampleId :  
31370

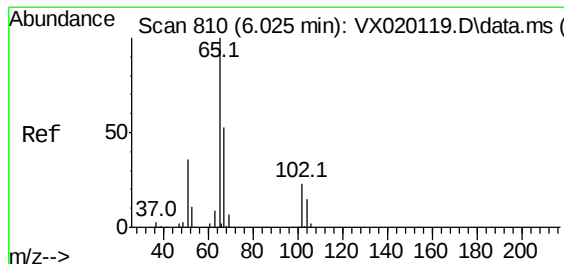
Tgt Ion: 43 Resp: 41675  
Ion Ratio Lower Upper  
43 100  
58 34.7 27.8 41.8



Methyl Acetate  
Concen: 2.01 ug/l  
RT: 2.752 min Scan# 273  
Delta R.T. 0.007 min  
Lab File: VX020452.D  
Acq: 30 Dec 2020 13:48

Tgt Ion: 43 Resp: 6510  
Ion Ratio Lower Upper  
43 100  
74 28.0 21.9 32.9



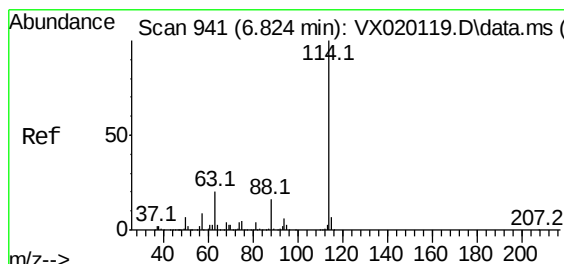
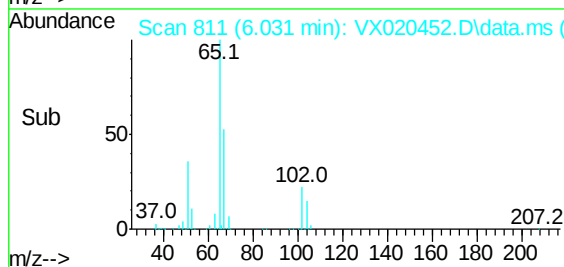
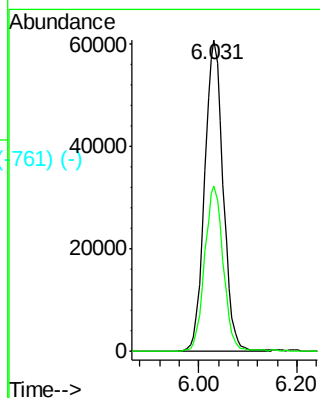
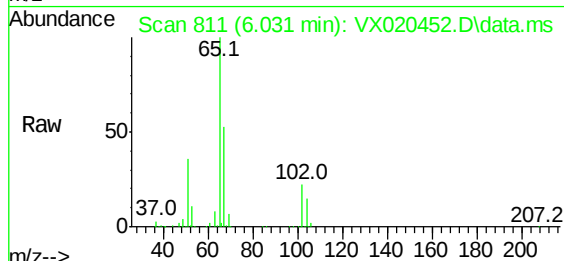


1,2-Dichloroethane-d4  
 Concen: 49.69 ug/l  
 RT: 6.031 min Scan# 811  
 Delta R.T. 0.006 min  
 Lab File: VX020452.D  
 Acq: 30 Dec 2020 13:48

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 31370

Tgt Ion: 65 Resp: 157981  

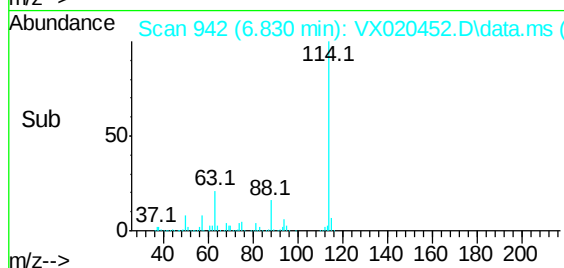
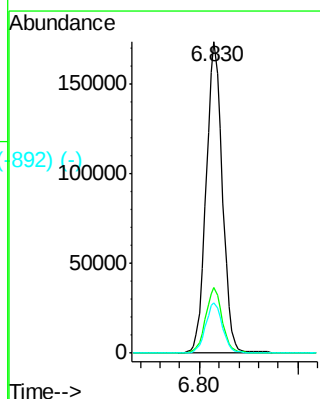
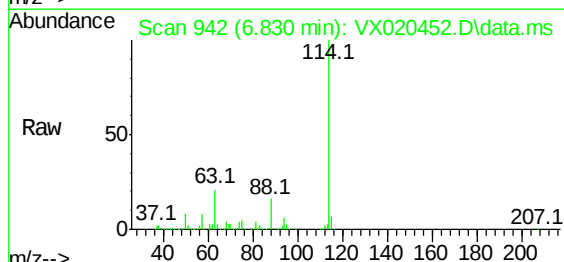
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 65  | 100   |       |       |
| 67  | 53.2  | 0.0   | 105.4 |

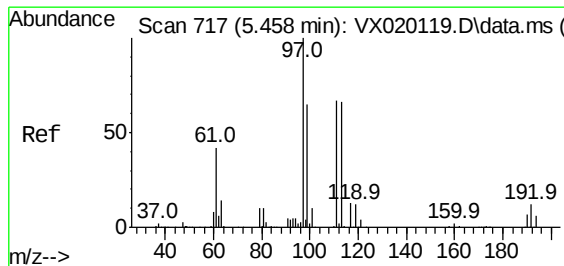


1,4-Difluorobenzene  
 Concen: 50.00 ug/l  
 RT: 6.830 min Scan# 942  
 Delta R.T. 0.006 min  
 Lab File: VX020452.D  
 Acq: 30 Dec 2020 13:48

Tgt Ion: 114 Resp: 396072  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 114 | 100   |       |       |
| 63  | 20.7  | 0.0   | 40.8  |
| 88  | 16.1  | 0.0   | 32.8  |

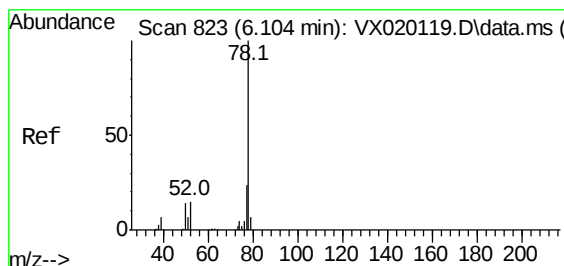
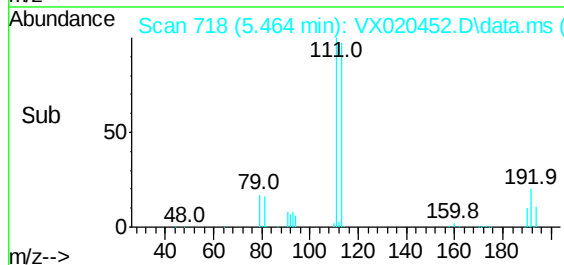
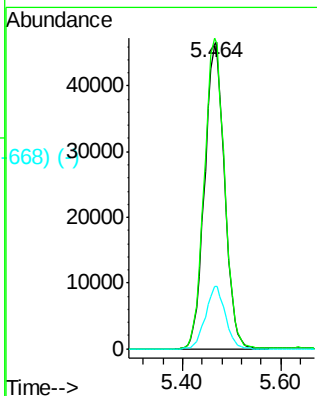
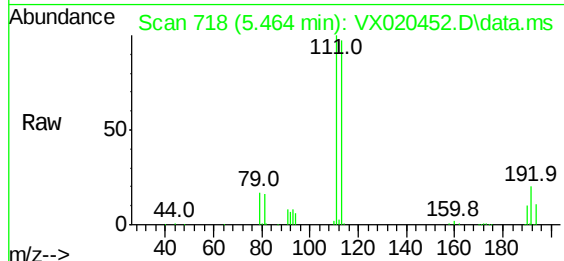




Dibromofluoromethane  
 Concen: 51.69 ug/l  
 RT: 5.464 min Scan# 718  
 Delta R.T. 0.006 min  
 Lab File: VX020452.D  
 Acq: 30 Dec 2020 13:48

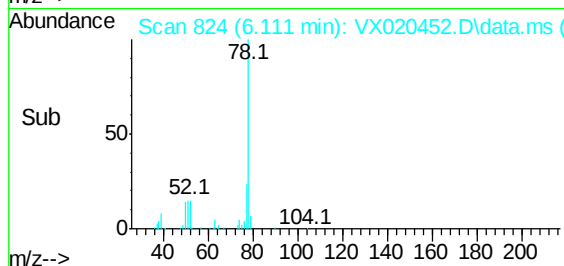
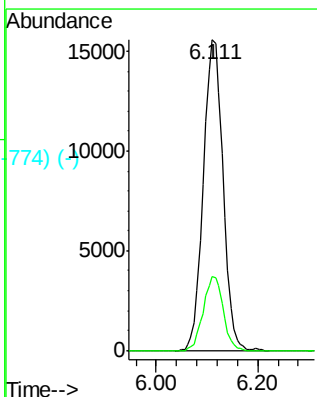
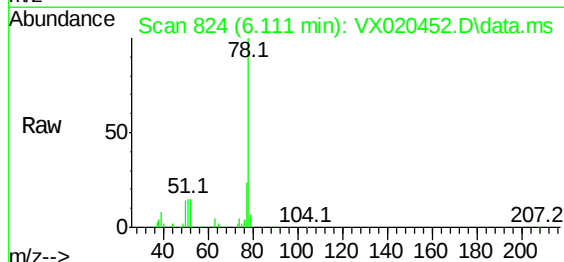
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 31370

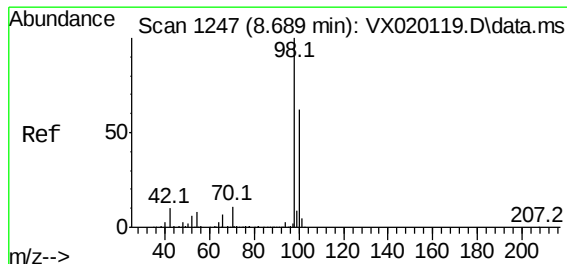
Tgt Ion:113 Resp: 130975  
 Ion Ratio Lower Upper  
 113 100  
 111 103.4 81.9 122.9  
 192 20.2 16.7 25.1



Benzene  
 Concen: 3.42 ug/l  
 RT: 6.111 min Scan# 824  
 Delta R.T. 0.007 min  
 Lab File: VX020452.D  
 Acq: 30 Dec 2020 13:48

Tgt Ion: 78 Resp: 41697  
 Ion Ratio Lower Upper  
 78 100  
 77 23.8 18.9 28.3

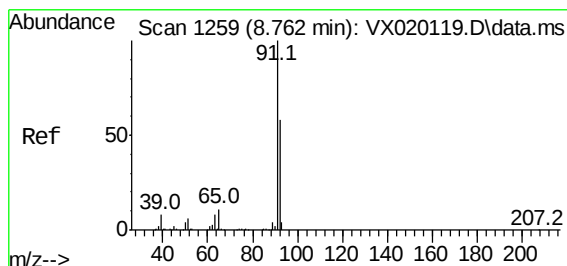
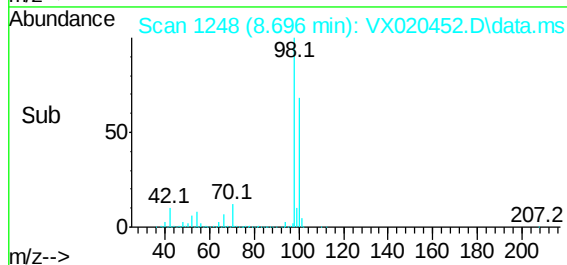
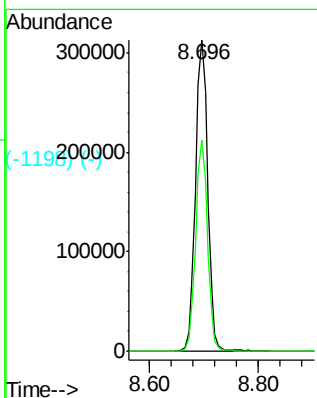
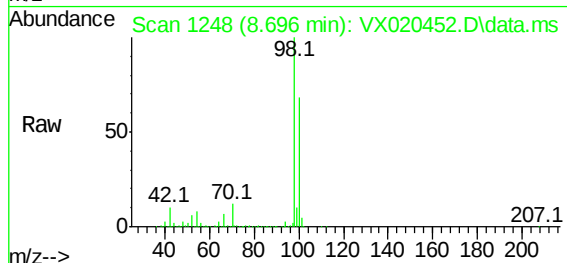




#1247 (-)  
Toluene-d8  
Concen: 49.39 ug/l  
RT: 8.696 min Scan# 1248  
Delta R.T. 0.007 min  
Lab File: VX020452.D  
Acq: 30 Dec 2020 13:48

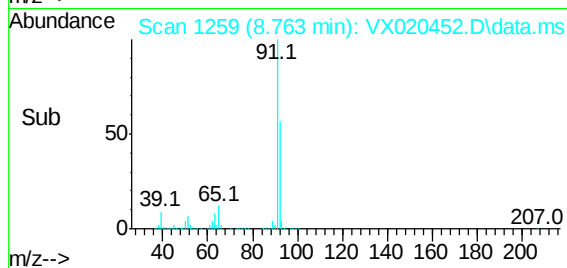
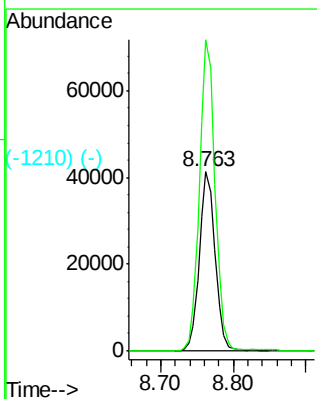
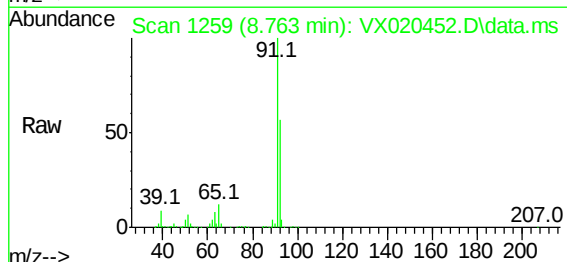
Instrument :  
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ClientSampleId :  
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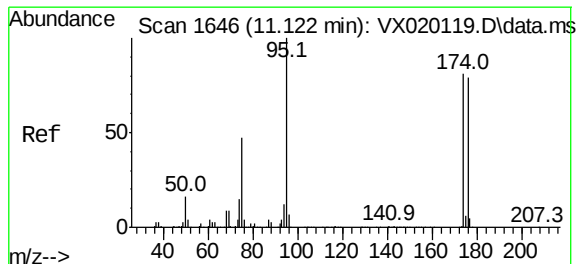
Tgt Ion: 98 Resp: 481683  
Ion Ratio Lower Upper  
98 100  
100 65.8 51.9 77.9



#1259 (-)  
Toluene  
Concen: 8.42 ug/l  
RT: 8.763 min Scan# 1259  
Delta R.T. 0.001 min  
Lab File: VX020452.D  
Acq: 30 Dec 2020 13:48

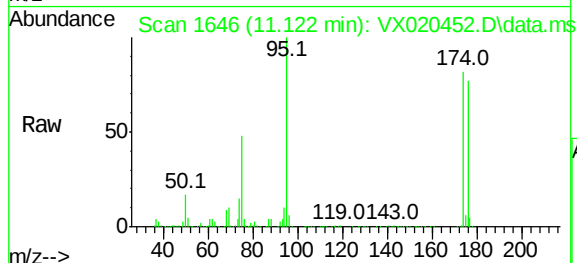
Tgt Ion: 92 Resp: 62619  
Ion Ratio Lower Upper  
92 100  
91 173.1 137.1 205.7





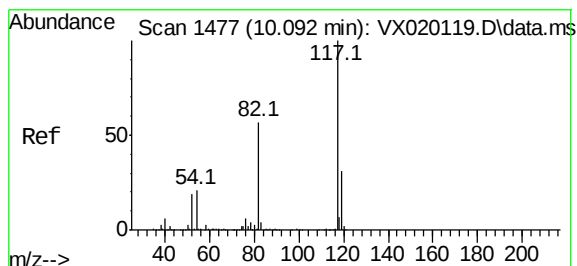
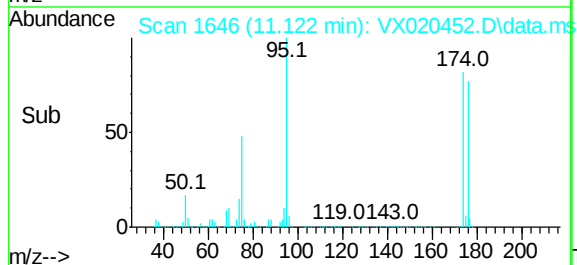
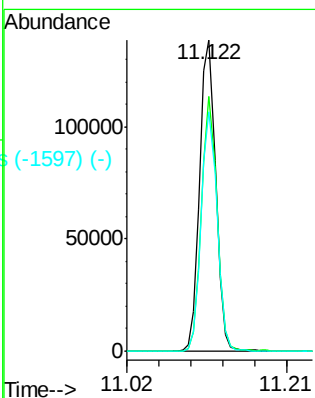
#639 (-)  
 4-Bromofluorobenzene  
 Concen: 46.59 ug/l  
 RT: 11.122 min Scan# 1646  
 Delta R.T. -0.000 min  
 Lab File: VX020452.D  
 Acq: 30 Dec 2020 13:48

Instrument :  
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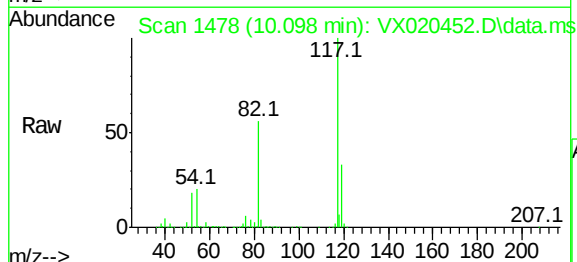


Tgt Ion: 95 Resp: 173912

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 95  | 100   |       |       |
| 174 | 79.0  | 0.0   | 154.6 |
| 176 | 76.1  | 0.0   | 155.8 |

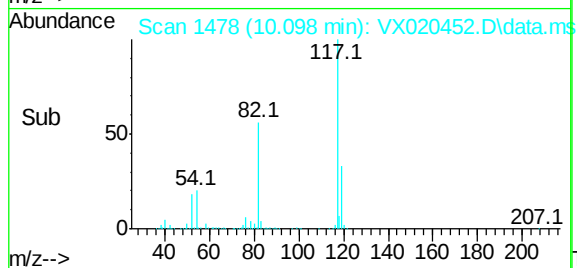
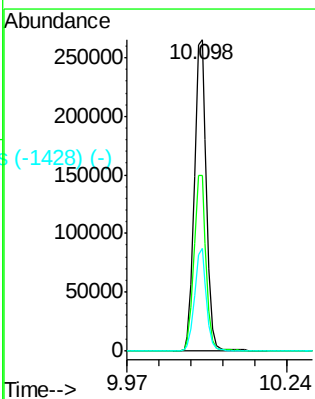


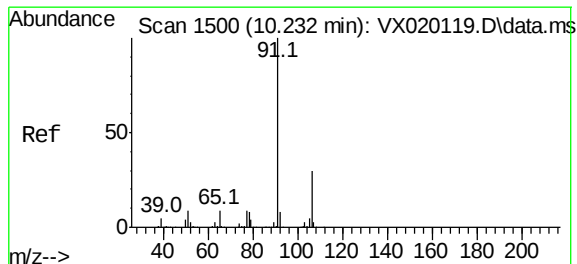
#640 (-)  
 Chlorobenzene-d5  
 Concen: 50.00 ug/l  
 RT: 10.098 min Scan# 1478  
 Delta R.T. 0.006 min  
 Lab File: VX020452.D  
 Acq: 30 Dec 2020 13:48



Tgt Ion: 117 Resp: 374299

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 117 | 100   |       |       |
| 82  | 56.5  | 47.4  | 71.2  |
| 119 | 32.7  | 26.6  | 39.8  |

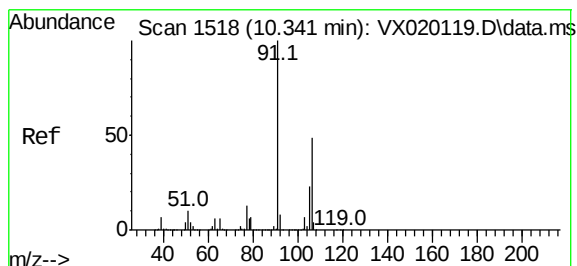
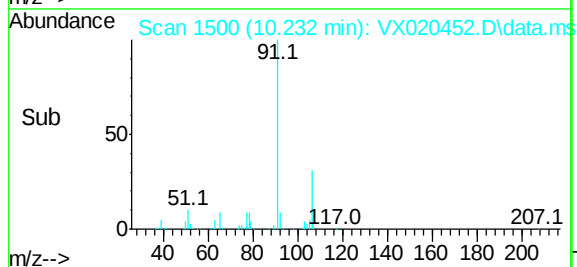
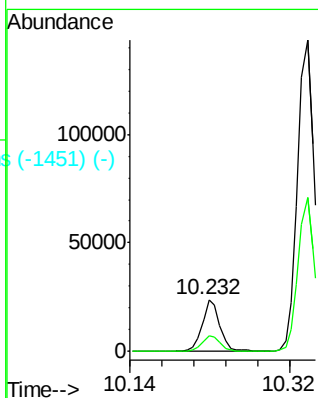
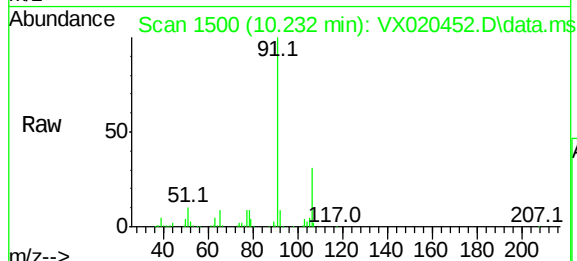




#6793 (-)  
Ethyl Benzene  
Concen: 2.21 ug/l  
RT: 10.232 min Scan# 1500  
Delta R.T. -0.000 min  
Lab File: VX020452.D  
Acq: 30 Dec 2020 13:48

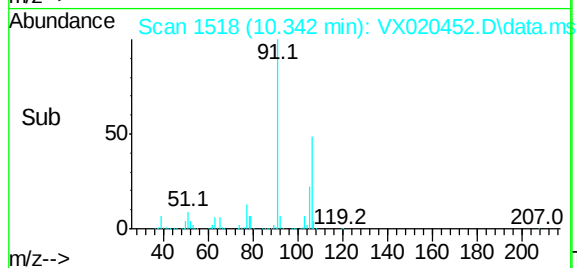
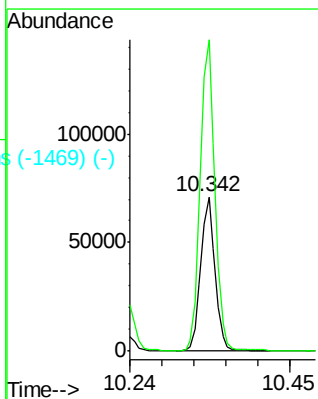
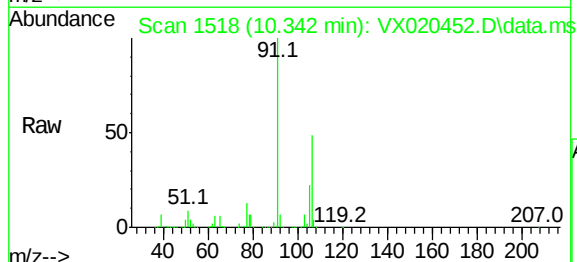
Instrument :  
MSVOA\_X  
ClientSampleId :  
31370

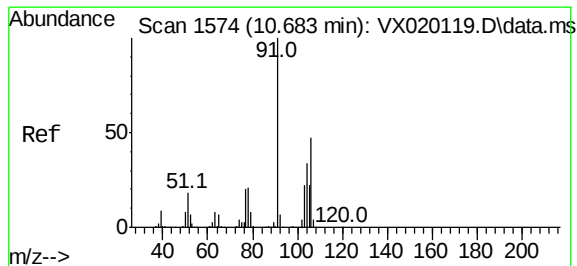
Tgt Ion: 91 Resp: 30995  
Ion Ratio Lower Upper  
91 100  
106 30.5 24.6 37.0



#6811 (-)  
m/p-Xylenes  
Concen: 17.35 ug/l  
RT: 10.342 min Scan# 1518  
Delta R.T. 0.001 min  
Lab File: VX020452.D  
Acq: 30 Dec 2020 13:48

Tgt Ion:106 Resp: 90927  
Ion Ratio Lower Upper  
106 100  
91 208.5 162.8 244.2

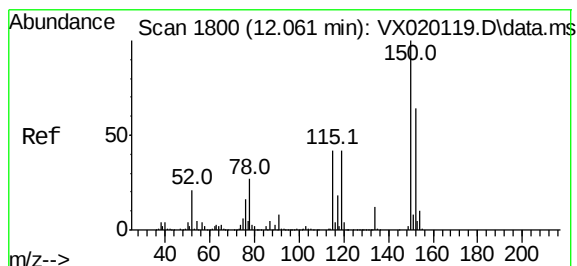
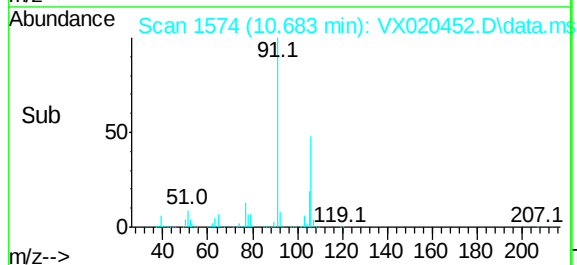
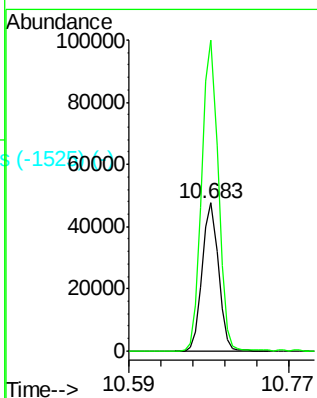
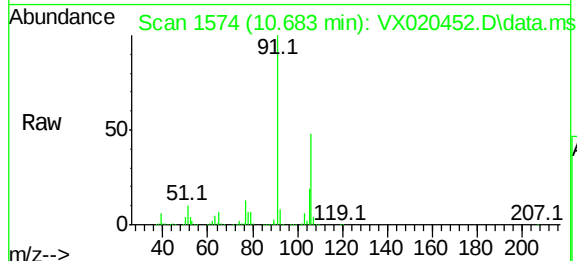




#697 (-)  
o-Xylene  
Concen: 12.04 ug/l  
RT: 10.683 min Scan# 1574  
Delta R.T. 0.000 min  
Lab File: VX020452.D  
Acq: 30 Dec 2020 13:48

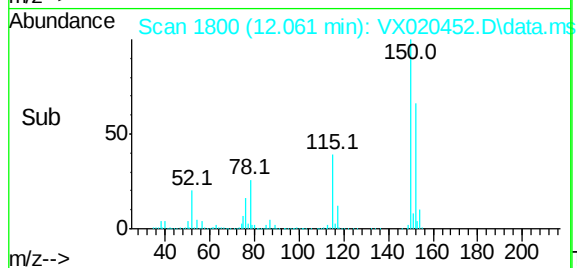
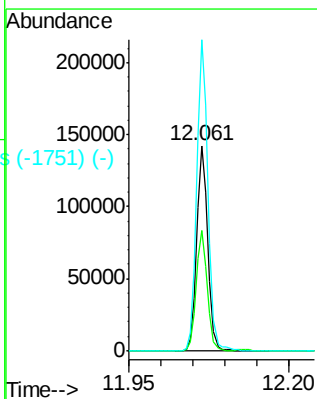
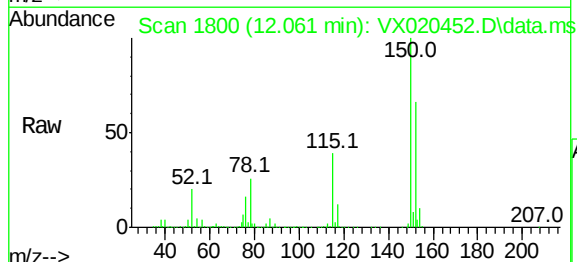
Instrument :  
MSVOA\_X  
ClientSampled :  
31370

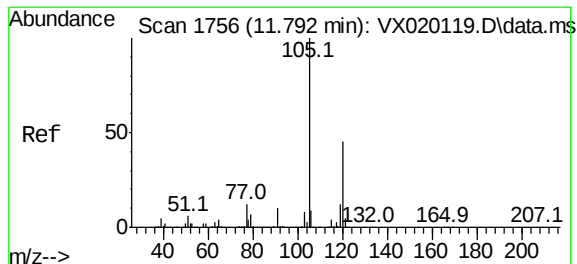
Tgt Ion:106 Resp: 60717  
Ion Ratio Lower Upper  
106 100  
91 213.9 108.1 324.2



#724 (-)  
1,4-Dichlorobenzene-d4  
Concen: 50.00 ug/l  
RT: 12.061 min Scan# 1800  
Delta R.T. -0.000 min  
Lab File: VX020452.D  
Acq: 30 Dec 2020 13:48

Tgt Ion:152 Resp: 169404  
Ion Ratio Lower Upper  
152 100  
115 58.7 41.1 123.3  
150 154.3 0.0 349.0





#845 (-)  
 1,2,4-Trimethylbenzene  
 Concen: 1.19 ug/l  
 RT: 11.793 min Scan# 1756  
 Delta R.T. 0.001 min  
 Lab File: VX020452.D  
 Acq: 30 Dec 2020 13:48

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 31370

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 105   | Resp: | 12495 |
| Ion Ratio | Lower | Upper |       |
| 105       | 100   |       |       |
| 120       | 43.3  | 22.4  | 67.3  |

