

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX121120\  
 Data File : VX019916.D  
 Acq On : 12 Dec 2020 08:29  
 Operator : JC/MD  
 Sample : L5025-07  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 56 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 TU032-32-631-120920

Quant Time: Dec 14 02:47:15 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

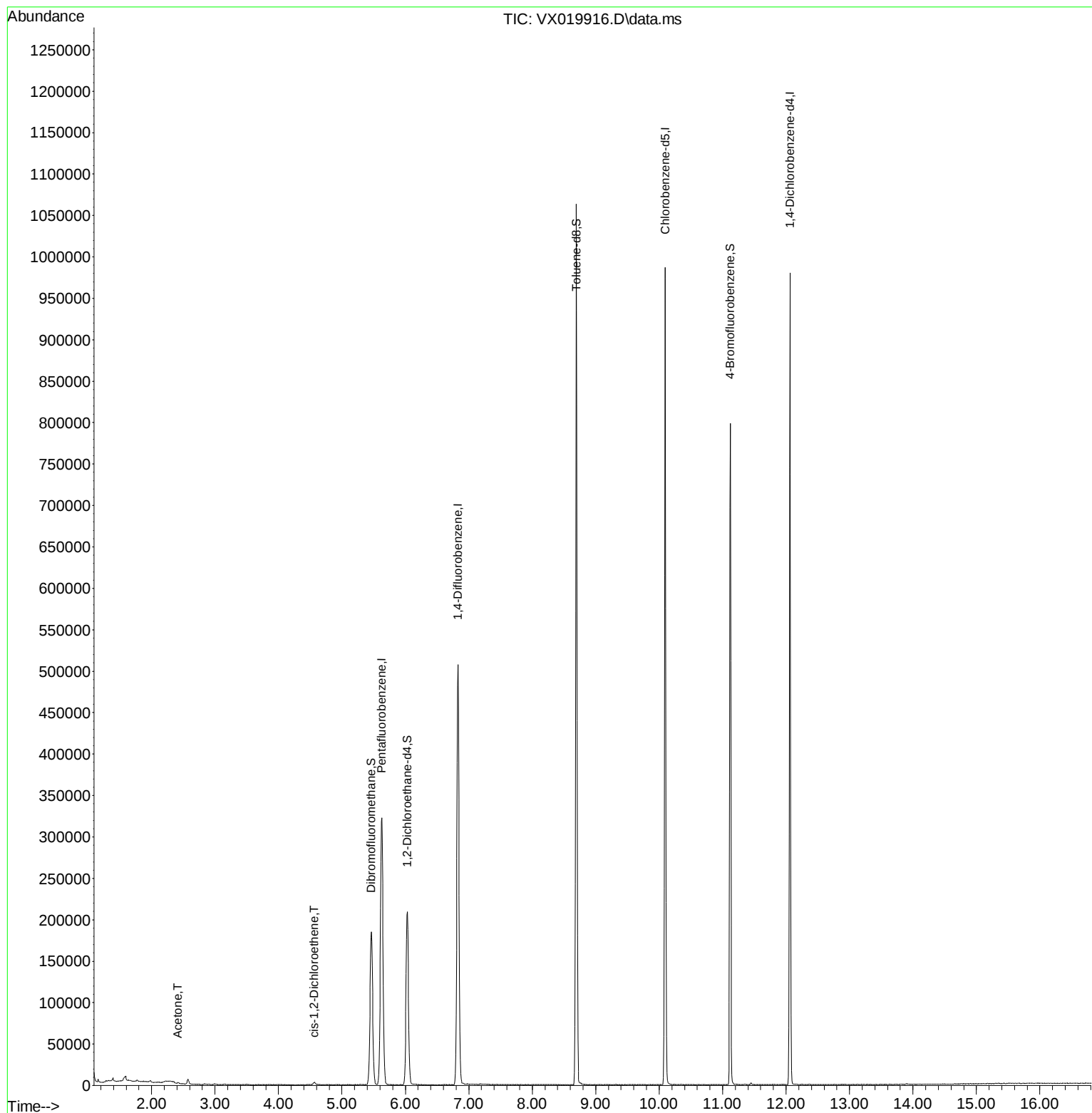
| Compound                    | R.T.           | QIon | Response   | Conc   | Units | Dev(Min) |
|-----------------------------|----------------|------|------------|--------|-------|----------|
| -----                       |                |      |            |        |       |          |
| Internal Standards          |                |      |            |        |       |          |
| 1) Pentafluorobenzene       | 5.629          | 168  | 304296     | 50.00  | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene     | 6.830          | 114  | 516880     | 50.00  | ug/l  | 0.00     |
| 63) Chlorobenzene-d5        | 10.098         | 117  | 471127     | 50.00  | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 12.061         | 152  | 204852     | 50.00  | ug/l  | 0.00     |
| System Monitoring Compounds |                |      |            |        |       |          |
| 33) 1,2-Dichloroethane-d4   | 6.031          | 65   | 199490     | 49.88  | ug/l  | 0.00     |
| Spiked Amount 50.000        | Range 61 - 141 |      | Recovery = | 99.76% |       |          |
| 35) Dibromofluoromethane    | 5.458          | 113  | 160732     | 48.12  | ug/l  | 0.00     |
| Spiked Amount 50.000        | Range 69 - 133 |      | Recovery = | 96.24% |       |          |
| 50) Toluene-d8              | 8.695          | 98   | 626168     | 49.10  | ug/l  | 0.00     |
| Spiked Amount 50.000        | Range 65 - 126 |      | Recovery = | 98.20% |       |          |
| 62) 4-Bromofluorobenzene    | 11.122         | 95   | 216836     | 44.67  | ug/l  | 0.00     |
| Spiked Amount 50.000        | Range 58 - 135 |      | Recovery = | 89.34% |       |          |
| Target Compounds            |                |      |            |        |       |          |
|                             |                |      |            |        |       | Qvalue   |
| 16) Acetone                 | 2.416          | 43   | 1907       | 1.27   | ug/l  | 94       |
| 27) cis-1,2-Dichloroethene  | 4.562          | 96   | 1950       | 0.51   | ug/l  | 98       |
| -----                       |                |      |            |        |       |          |

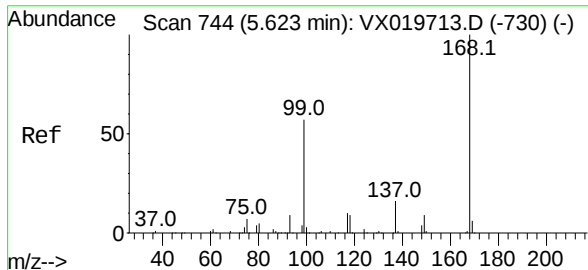
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX121120\  
Data File : VX019916.D  
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Operator : JC/MD  
Sample : L5025-07  
Misc : 5.0mL/MSVOA\_X/WATER  
ALS Vial : 56 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
TU032-32-631-120920

Quant Time: Dec 14 02:47:15 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

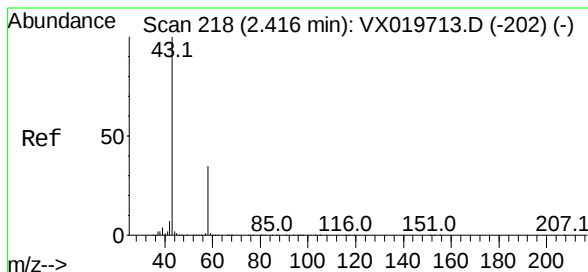
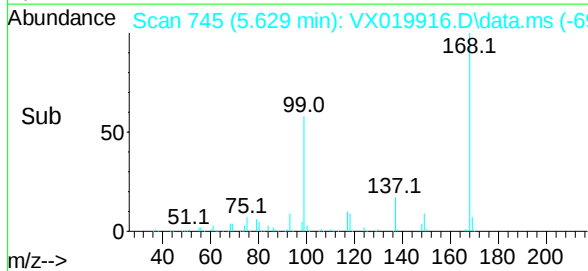
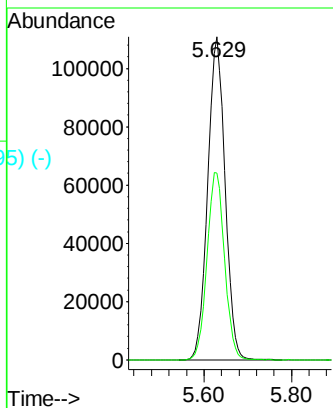
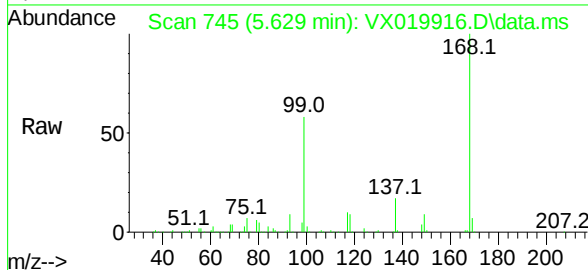




#1  
Pentafluorobenzene  
Concen: 50.00 ug/l  
RT: 5.629 min Scan# 745  
Delta R.T. 0.006 min  
Lab File: VX019916.D  
Acq: 12 Dec 2020 08:29

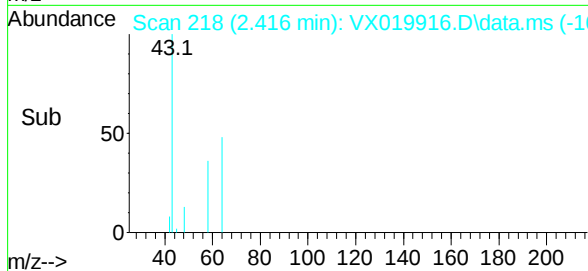
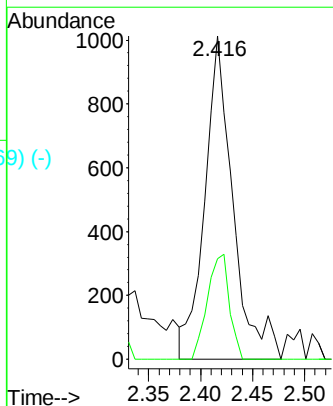
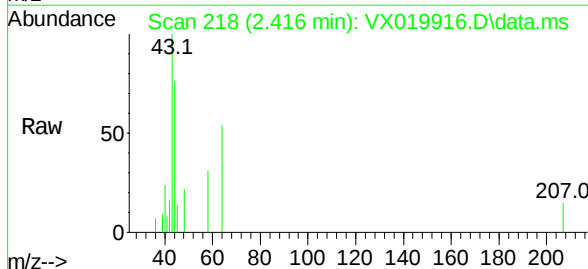
Instrument :  
MSVOA\_X  
ClientSampleId :  
TU032-32-631-120920

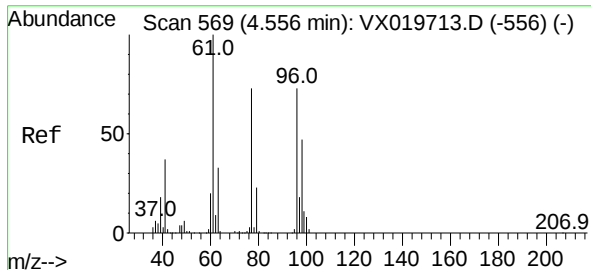
Tgt Ion:168 Resp: 304296  
Ion Ratio Lower Upper  
168 100  
99 57.9 45.8 68.6



#16  
Acetone  
Concen: 1.27 ug/l  
RT: 2.416 min Scan# 218  
Delta R.T. -0.000 min  
Lab File: VX019916.D  
Acq: 12 Dec 2020 08:29

Tgt Ion: 43 Resp: 1907  
Ion Ratio Lower Upper  
43 100  
58 31.2 27.8 41.8

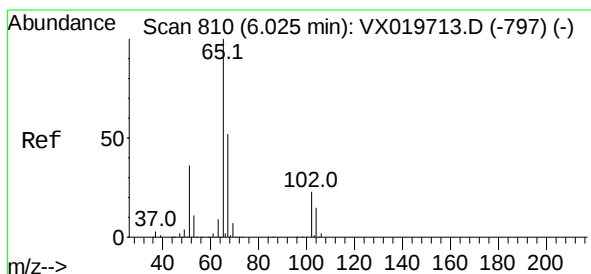
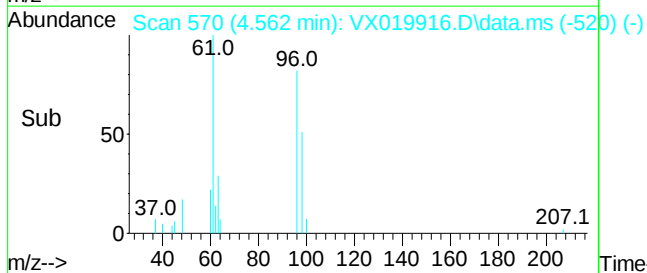
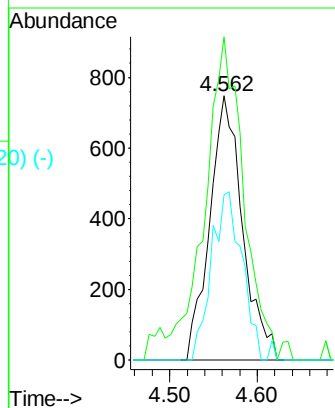
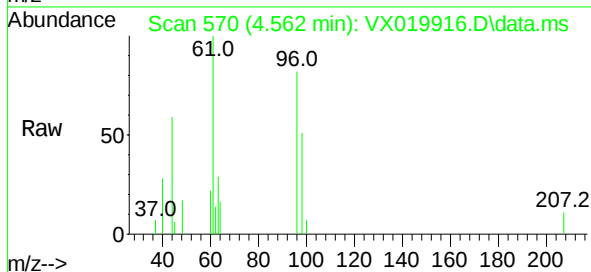




#27  
 cis-1,2-Dichloroethene  
 Concen: 0.51 ug/l  
 RT: 4.562 min Scan# 570  
 Delta R.T. 0.006 min  
 Lab File: VX019916.D  
 Acq: 12 Dec 2020 08:29

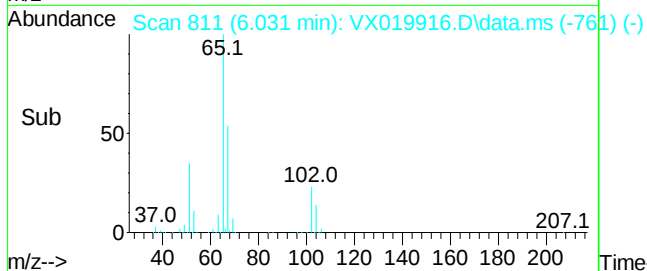
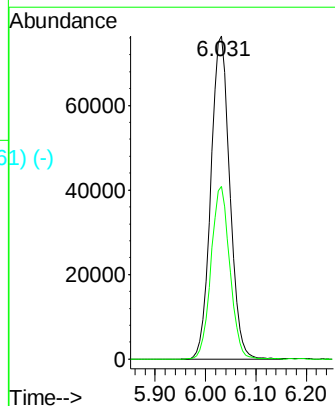
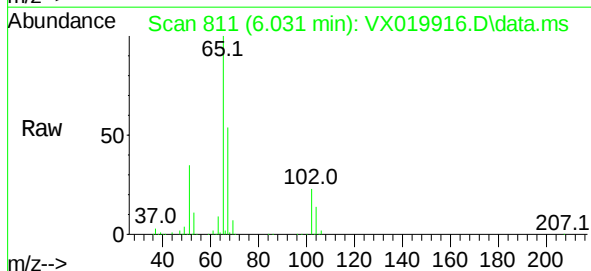
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
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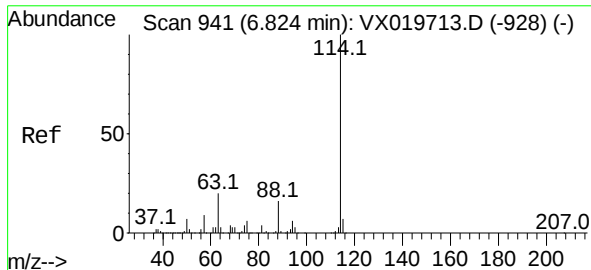
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 96    | Resp: | 1950  |
| Ion      | Ratio | Lower | Upper |
| 96       | 100   |       |       |
| 61       | 143.1 | 0.0   | 285.6 |
| 98       | 59.1  | 0.0   | 129.6 |



#33  
 1,2-Dichloroethane-d4  
 Concen: 49.88 ug/l  
 RT: 6.031 min Scan# 811  
 Delta R.T. 0.006 min  
 Lab File: VX019916.D  
 Acq: 12 Dec 2020 08:29

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 65    | Resp: | 199490 |
| Ion      | Ratio | Lower | Upper  |
| 65       | 100   |       |        |
| 67       | 53.0  | 0.0   | 105.4  |

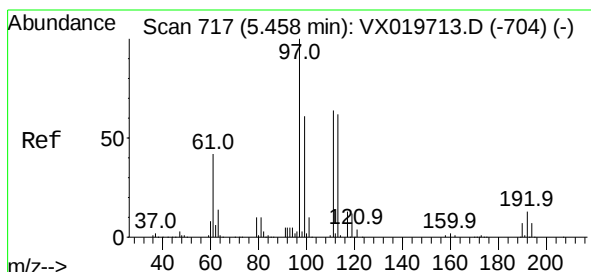
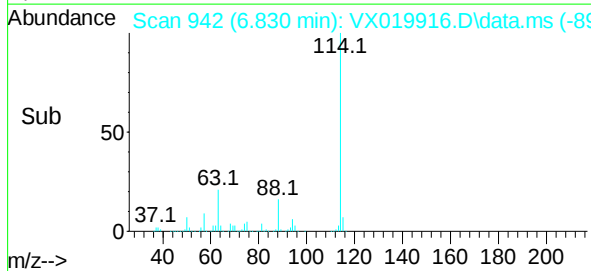
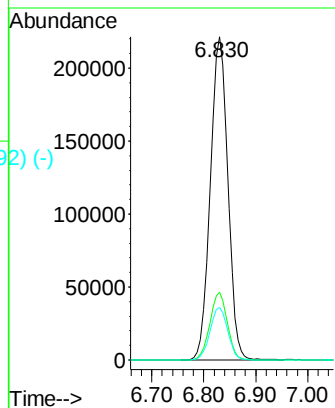
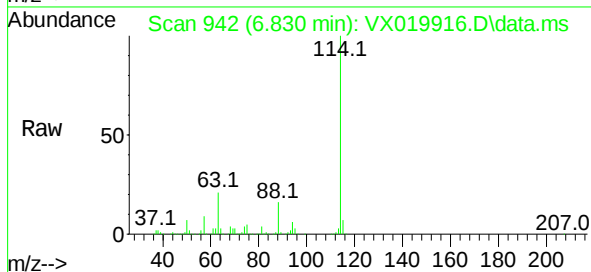




#34  
1,4-Difluorobenzene  
Concen: 50.00 ug/l  
RT: 6.830 min Scan# 942  
Delta R.T. 0.006 min  
Lab File: VX019916.D  
Acq: 12 Dec 2020 08:29

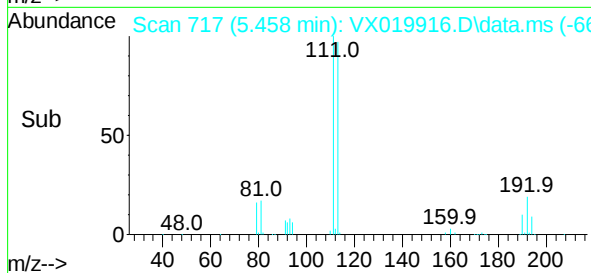
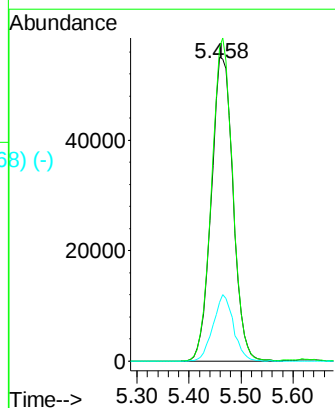
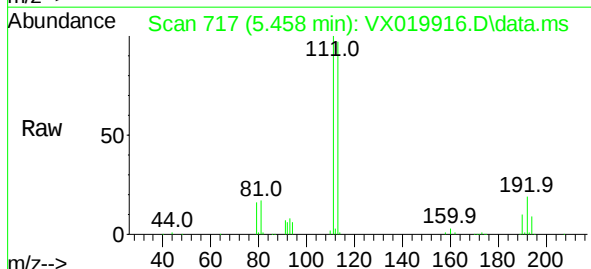
Instrument :  
MSVOA\_X  
ClientSampleId :  
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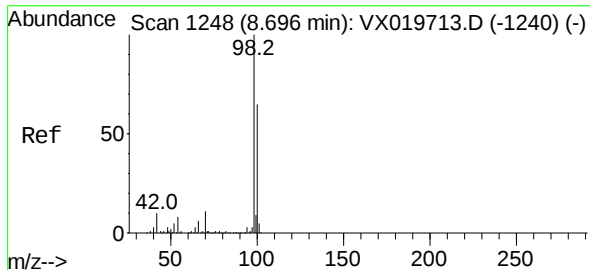
|             |              |
|-------------|--------------|
| Tgt Ion:114 | Resp: 516880 |
| Ion Ratio   | Lower Upper  |
| 114 100     |              |
| 63 20.9     | 0.0 40.8     |
| 88 16.2     | 0.0 32.8     |



#35  
Dibromofluoromethane  
Concen: 48.12 ug/l  
RT: 5.458 min Scan# 717  
Delta R.T. -0.000 min  
Lab File: VX019916.D  
Acq: 12 Dec 2020 08:29

|             |              |
|-------------|--------------|
| Tgt Ion:113 | Resp: 160732 |
| Ion Ratio   | Lower Upper  |
| 113 100     |              |
| 111 102.8   | 81.9 122.9   |
| 192 20.5    | 16.7 25.1    |

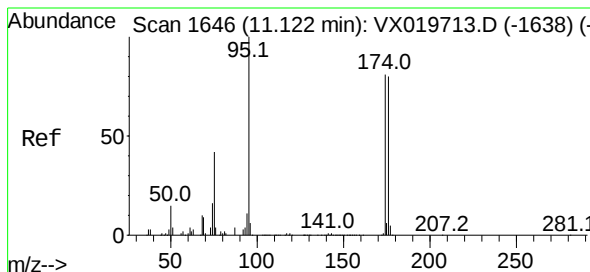
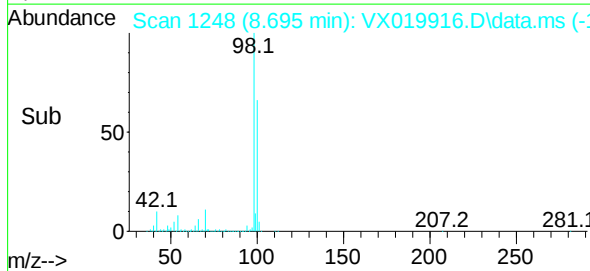
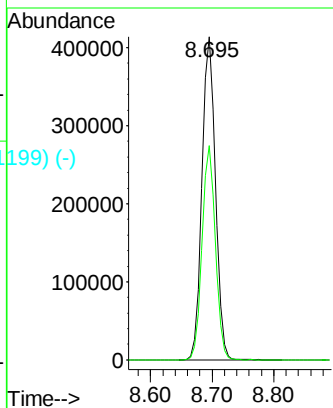
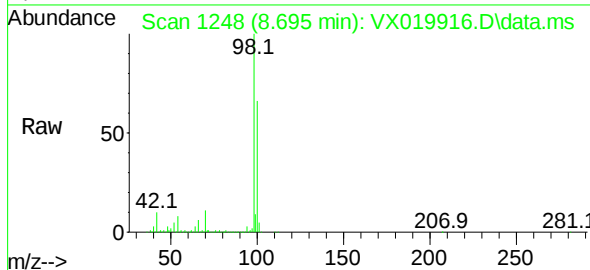




#50  
Toluene-d8  
Concen: 49.10 ug/l  
RT: 8.695 min Scan# 1248  
Delta R.T. -0.000 min  
Lab File: VX019916.D  
Acq: 12 Dec 2020 08:29

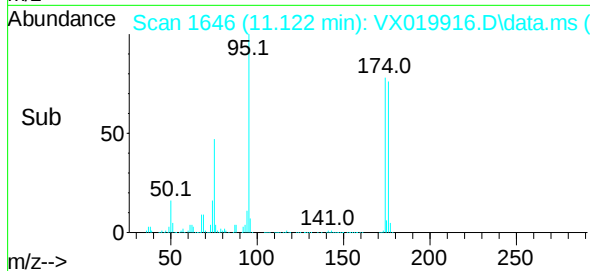
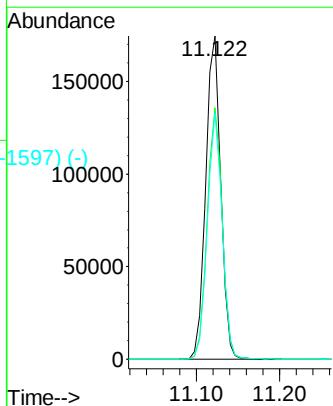
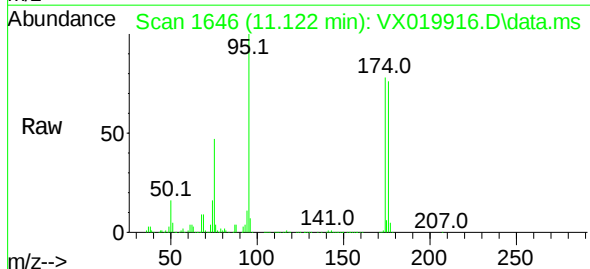
Instrument :  
MSVOA\_X  
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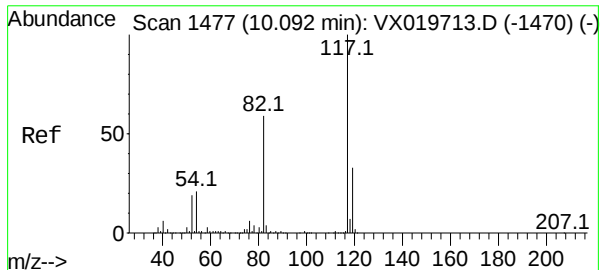
Tgt Ion: 98 Resp: 626168  
Ion Ratio Lower Upper  
98 100  
100 65.3 51.9 77.9



#62  
4-Bromofluorobenzene  
Concen: 44.67 ug/l  
RT: 11.122 min Scan# 1646  
Delta R.T. -0.000 min  
Lab File: VX019916.D  
Acq: 12 Dec 2020 08:29

Tgt Ion: 95 Resp: 216836  
Ion Ratio Lower Upper  
95 100  
174 78.3 0.0 154.6  
176 74.9 0.0 155.8

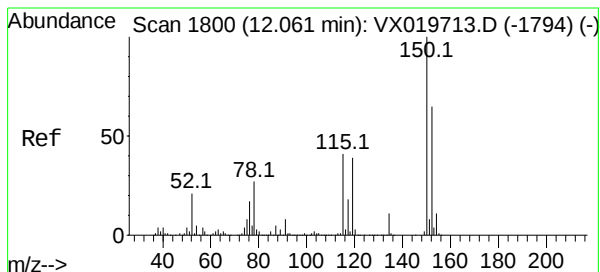
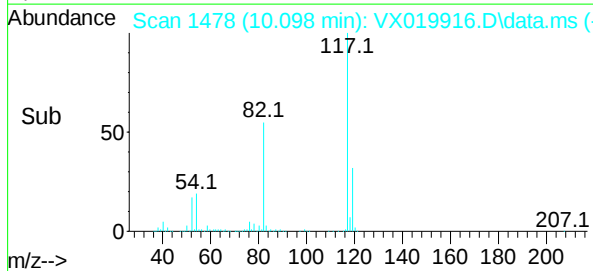
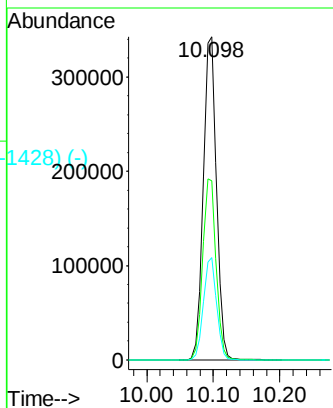
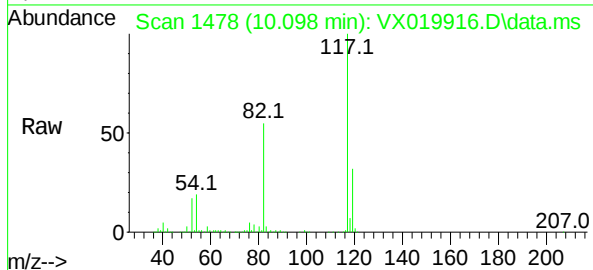




#63  
Chlorobenzene-d5  
Concen: 50.00 ug/l  
RT: 10.098 min Scan# 1478  
Delta R.T. 0.006 min  
Lab File: VX019916.D  
Acq: 12 Dec 2020 08:29

Instrument :  
MSVOA\_X  
ClientSampleId :  
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|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 117   | Resp: | 471127 |
| Ion      | Ratio | Lower | Upper  |
| 117      | 100   |       |        |
| 82       | 55.4  | 47.4  | 71.2   |
| 119      | 31.6  | 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: VX019916.D  
Acq: 12 Dec 2020 08:29

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 152   | Resp: | 204852 |
| Ion      | Ratio | Lower | Upper  |
| 152      | 100   |       |        |
| 115      | 58.4  | 41.1  | 123.3  |
| 150      | 152.7 | 0.0   | 349.0  |

