

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\WX122120\  
 Data File : VX020249.D  
 Acq On : 21 Dec 2020 14:52  
 Operator : JC/MD  
 Sample : L5145-01  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 14 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 49-PZ002(SBR)-121520

Quant Time: Dec 22 01:33:17 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

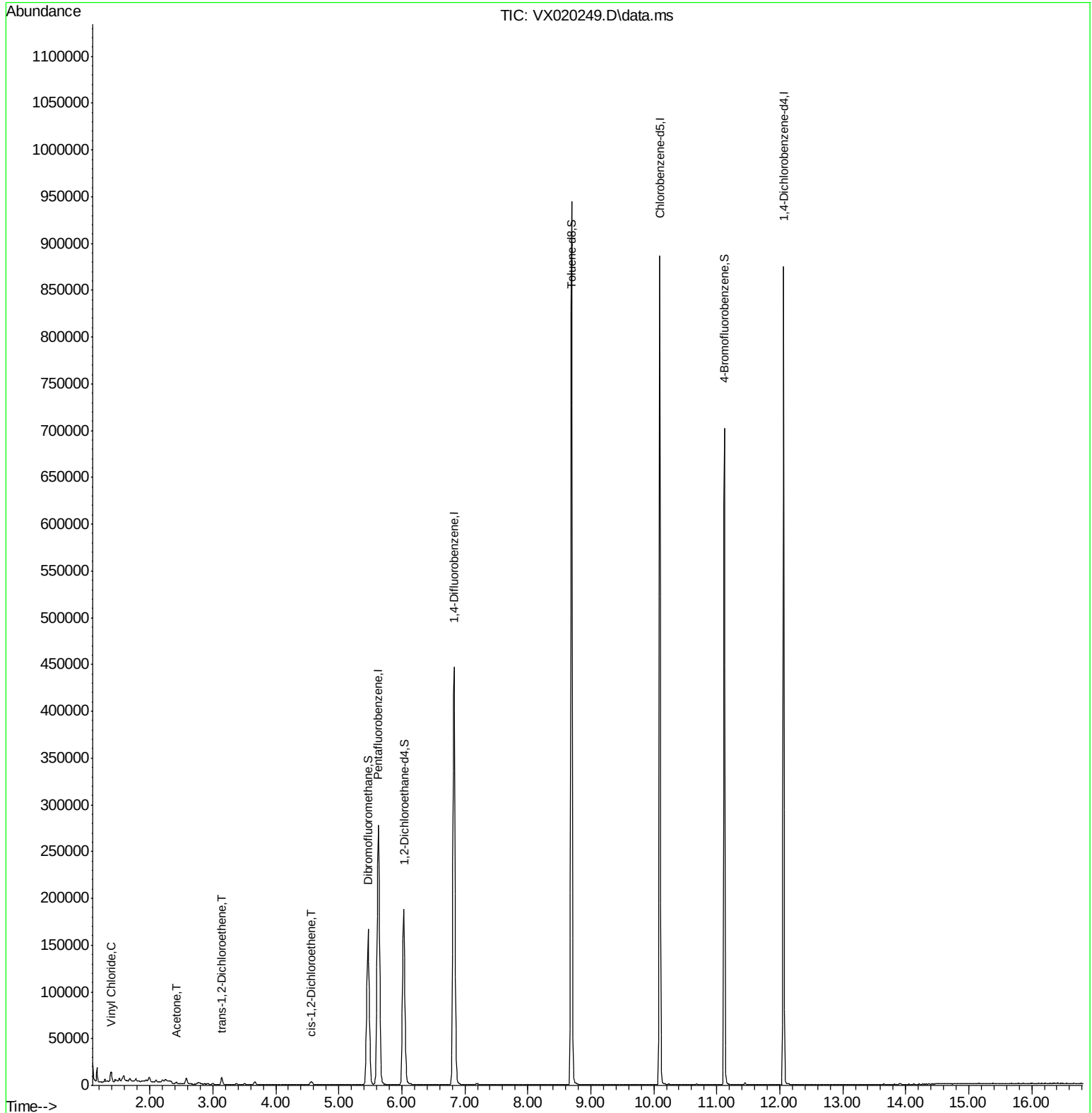
| Compound                     | R.T.   | QIon           | Response | Conc  | Units   | Dev(Min) |
|------------------------------|--------|----------------|----------|-------|---------|----------|
| -----                        |        |                |          |       |         |          |
| Internal Standards           |        |                |          |       |         |          |
| 1) Pentafluorobenzene        | 5.629  | 168            | 266885   | 50.00 | ug/l    | 0.01     |
| 34) 1,4-Difluorobenzene      | 6.830  | 114            | 448098   | 50.00 | ug/l    | 0.00     |
| 63) Chlorobenzene-d5         | 10.098 | 117            | 416853   | 50.00 | ug/l    | 0.00     |
| 72) 1,4-Dichlorobenzene-d4   | 12.061 | 152            | 176782   | 50.00 | ug/l    | 0.00     |
| System Monitoring Compounds  |        |                |          |       |         |          |
| 33) 1,2-Dichloroethane-d4    | 6.031  | 65             | 178804   | 49.98 | ug/l    | 0.00     |
| Spiked Amount                | 50.000 | Range 61 - 141 | Recovery | =     | 99.96%  |          |
| 35) Dibromofluoromethane     | 5.465  | 113            | 144885   | 50.54 | ug/l    | 0.00     |
| Spiked Amount                | 50.000 | Range 69 - 133 | Recovery | =     | 101.08% |          |
| 50) Toluene-d8               | 8.696  | 98             | 550501   | 49.89 | ug/l    | 0.00     |
| Spiked Amount                | 50.000 | Range 65 - 126 | Recovery | =     | 99.78%  |          |
| 62) 4-Bromofluorobenzene     | 11.122 | 95             | 191919   | 45.45 | ug/l    | 0.00     |
| Spiked Amount                | 50.000 | Range 58 - 135 | Recovery | =     | 90.90%  |          |
| Target Compounds             |        |                |          |       |         |          |
|                              |        |                |          |       |         | Qvalue   |
| 4) Vinyl Chloride            | 1.392  | 62             | 1136     | 0.31  | ug/l    | 92       |
| 16) Acetone                  | 2.422  | 43             | 1673     | 1.03  | ug/l    | 96       |
| 21) trans-1,2-Dichloroethene | 3.142  | 96             | 2690     | 0.81  | ug/l #  | 90       |
| 27) cis-1,2-Dichloroethene   | 4.562  | 96             | 2159     | 0.58  | ug/l    | 94       |
| -----                        |        |                |          |       |         |          |

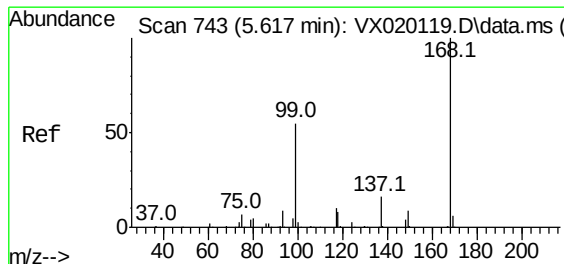
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Data File : VX020249.D  
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Operator : JC/MD  
Sample : L5145-01  
Misc : 5.0mL/MSVOA\_X/WATER  
ALS Vial : 14 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
49-PZ002(SBR)-121520

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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X121820W.M  
Quant Title : SW846 8260  
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Response via : Initial Calibration

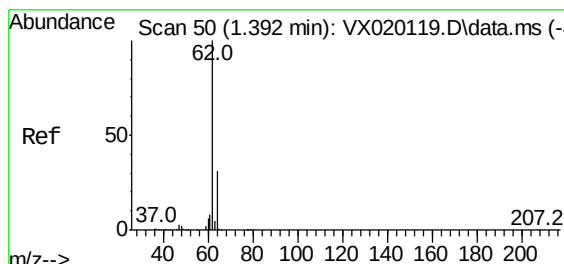
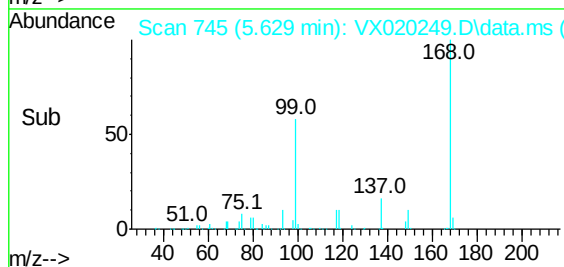
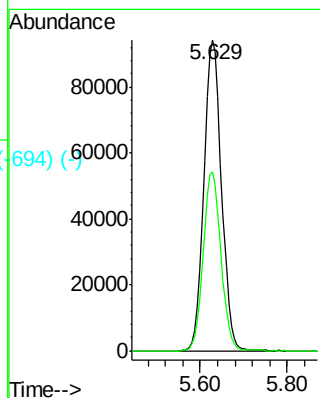
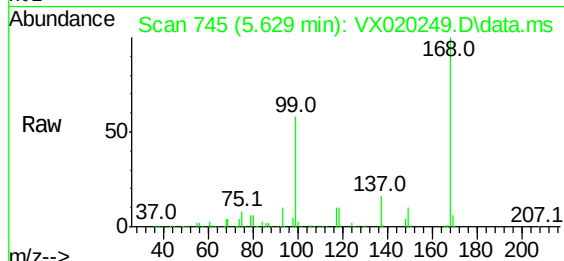




Scan 743 (5.617 min): VX020119.D\data.ms (-750) (-)  
 Pentafuorobenzene  
 Concen: 50.00 ug/l  
 RT: 5.629 min Scan# 745  
 Delta R.T. 0.012 min  
 Lab File: VX020249.D  
 Acq: 21 Dec 2020 14:52

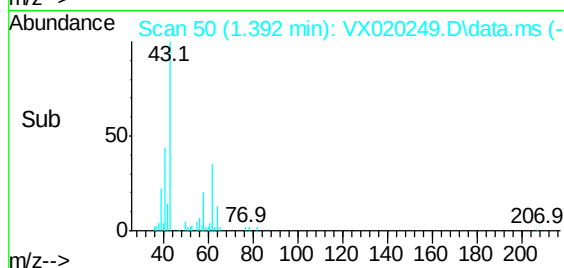
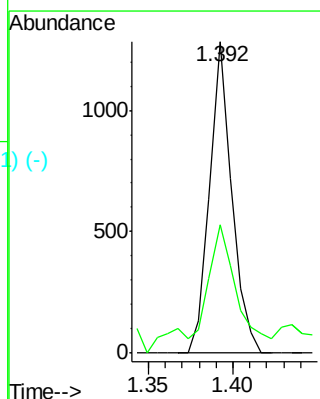
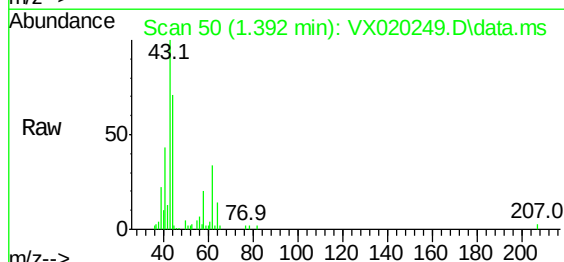
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 49-PZ002(SBR)-121520

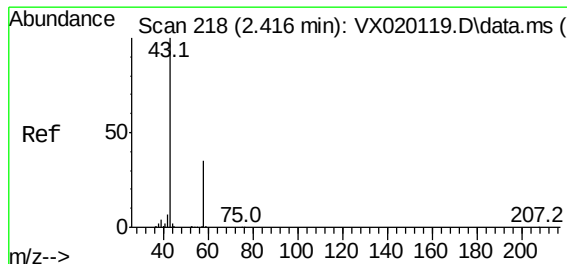
Tgt Ion:168 Resp: 266885  
 Ion Ratio Lower Upper  
 168 100  
 99 57.8 45.8 68.6



Scan 50 (1.392 min): VX020119.D\data.ms (-457) (-)  
 Vinyl Chloride  
 Concen: 0.31 ug/l  
 RT: 1.392 min Scan# 50  
 Delta R.T. 0.000 min  
 Lab File: VX020249.D  
 Acq: 21 Dec 2020 14:52

Tgt Ion: 62 Resp: 1136  
 Ion Ratio Lower Upper  
 62 100  
 64 36.6 25.7 38.5

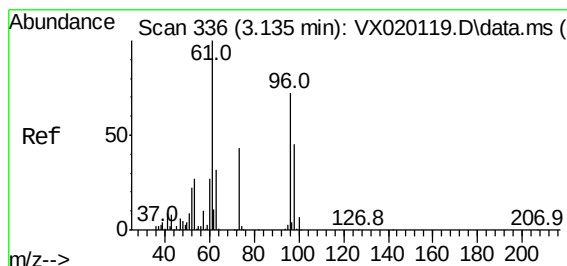
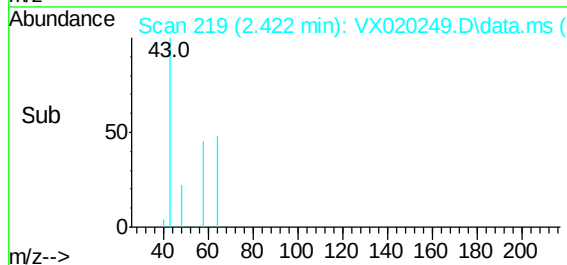
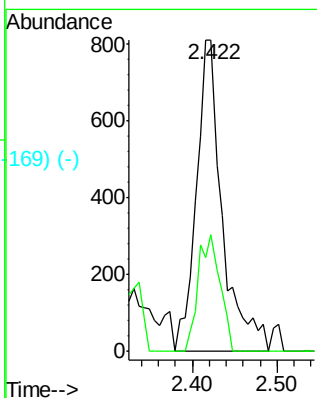
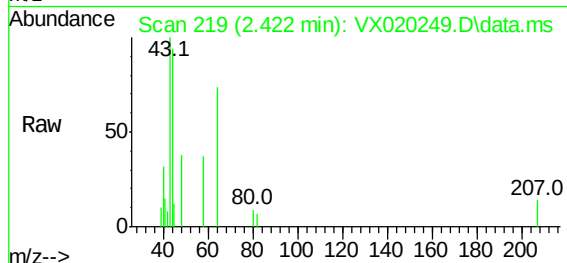




Acetone  
Concen: 1.03 ug/l  
RT: 2.422 min Scan# 219  
Delta R.T. 0.006 min  
Lab File: VX020249.D  
Acq: 21 Dec 2020 14:52

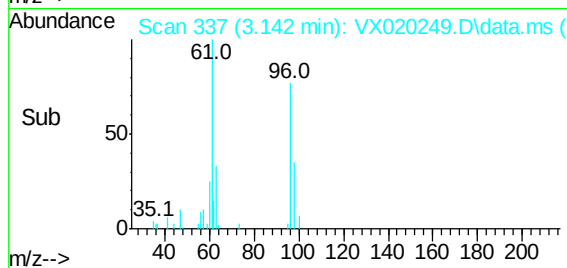
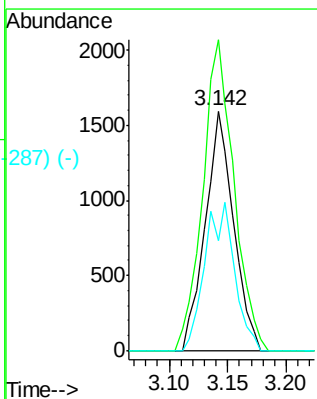
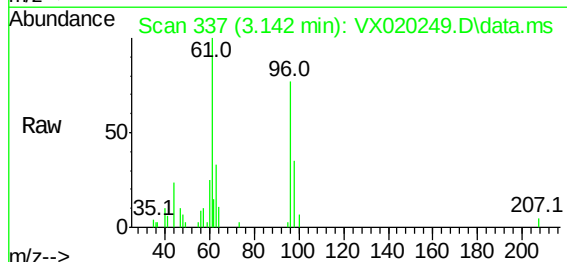
Instrument :  
MSVOA\_X  
ClientSampleId :  
49-PZ002(SBR)-121520

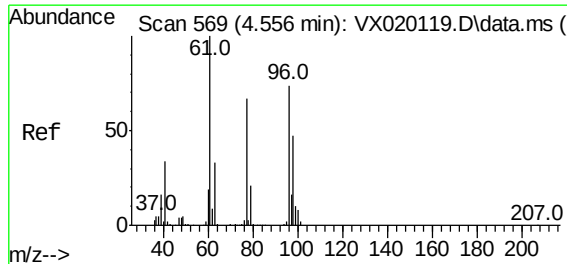
Tgt Ion: 43 Resp: 1673  
Ion Ratio Lower Upper  
43 100  
58 37.2 27.8 41.8



trans-1,2-Dichloroethene  
Concen: 0.81 ug/l  
RT: 3.142 min Scan# 337  
Delta R.T. 0.007 min  
Lab File: VX020249.D  
Acq: 21 Dec 2020 14:52

Tgt Ion: 96 Resp: 2690  
Ion Ratio Lower Upper  
96 100  
61 129.8 107.7 161.5  
98 46.0 50.4 75.6#

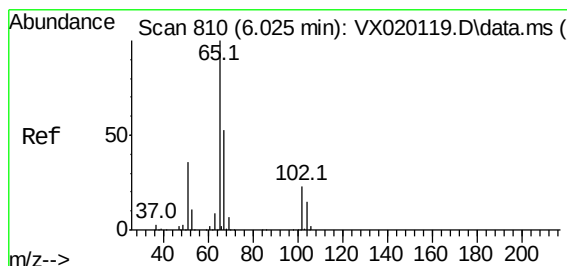
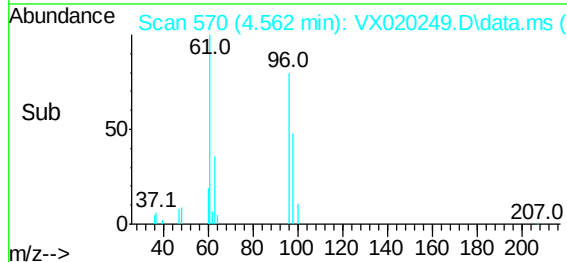
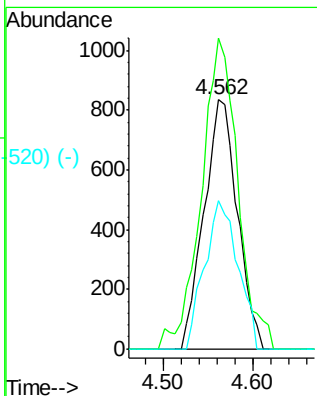
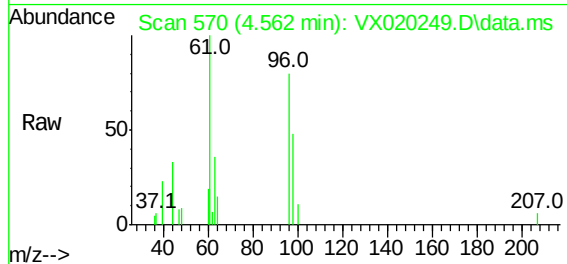




cis-1,2-Dichloroethene  
Concen: 0.58 ug/l  
RT: 4.562 min Scan# 570  
Delta R.T. 0.006 min  
Lab File: VX020249.D  
Acq: 21 Dec 2020 14:52

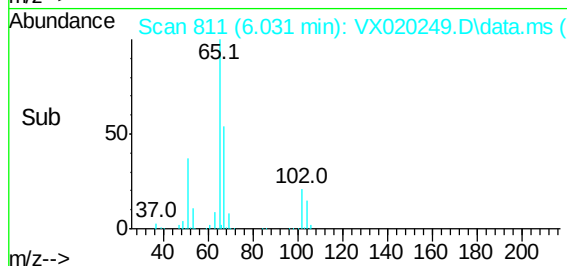
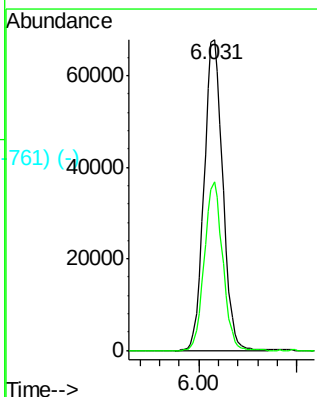
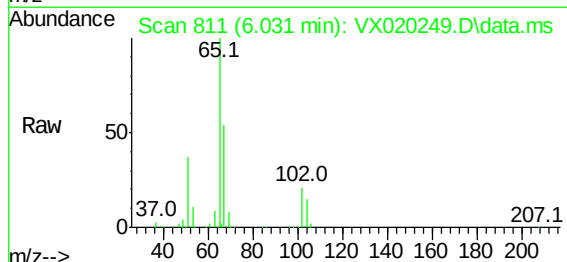
Instrument :  
MSVOA\_X  
ClientSampleId :  
49-PZ002(SBR)-121520

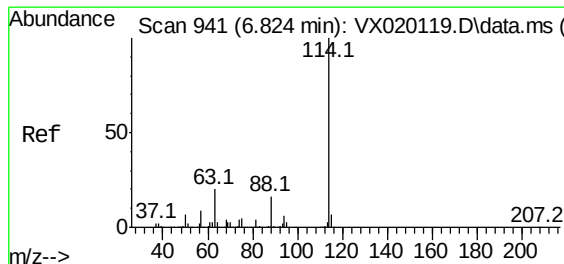
Tgt Ion: 96 Resp: 2159  
Ion Ratio Lower Upper  
96 100  
61 136.5 0.0 285.6  
98 59.7 0.0 129.6



1,2-Dichloroethane-d4  
Concen: 49.98 ug/l  
RT: 6.031 min Scan# 811  
Delta R.T. 0.006 min  
Lab File: VX020249.D  
Acq: 21 Dec 2020 14:52

Tgt Ion: 65 Resp: 178804  
Ion Ratio Lower Upper  
65 100  
67 53.5 0.0 105.4

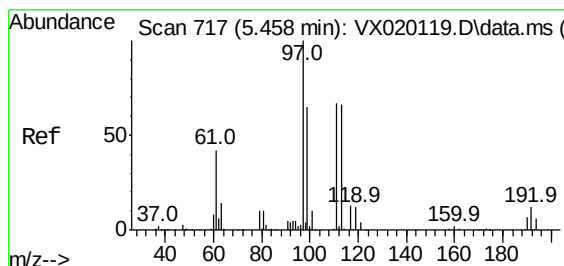
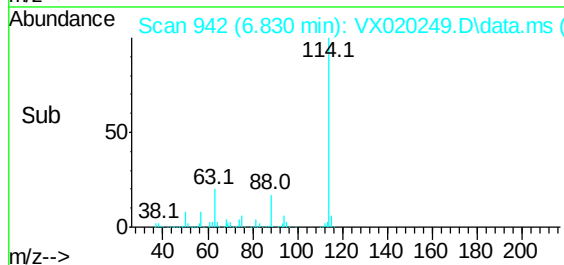
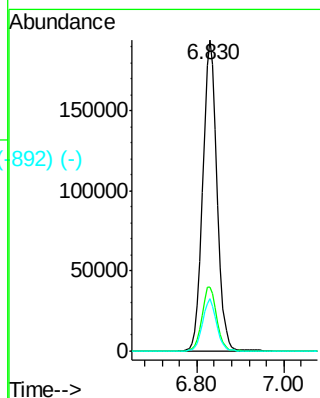
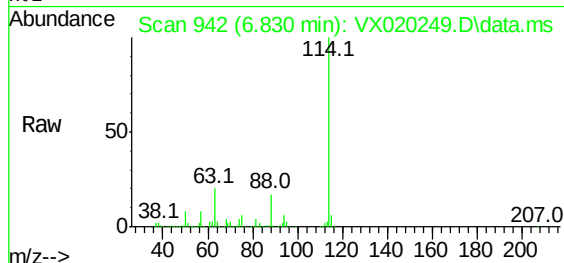




1,4-Difluorobenzene  
 Concen: 50.00 ug/l  
 RT: 6.830 min Scan# 942  
 Delta R.T. 0.006 min  
 Lab File: VX020249.D  
 Acq: 21 Dec 2020 14:52

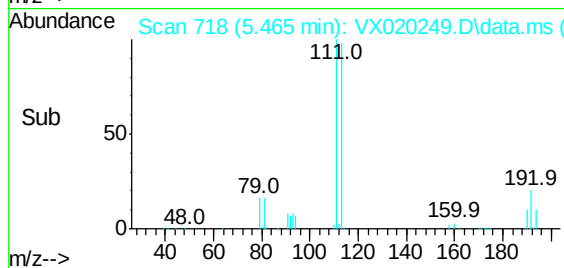
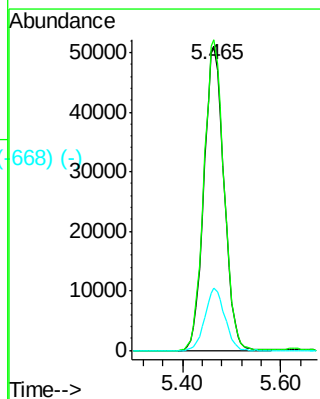
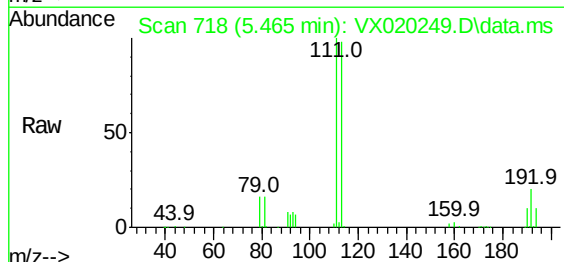
Instrument :  
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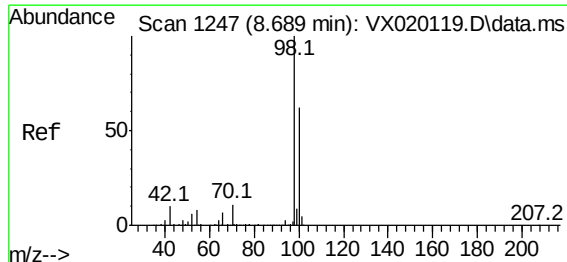
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 114   | Resp: | 448098 |
| Ion Ratio | Lower | Upper |        |
| 114       | 100   |       |        |
| 63        | 20.3  | 0.0   | 40.8   |
| 88        | 16.7  | 0.0   | 32.8   |



Dibromofluoromethane  
 Concen: 50.54 ug/l  
 RT: 5.465 min Scan# 718  
 Delta R.T. 0.006 min  
 Lab File: VX020249.D  
 Acq: 21 Dec 2020 14:52

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 113   | Resp: | 144885 |
| Ion Ratio | Lower | Upper |        |
| 113       | 100   |       |        |
| 111       | 102.2 | 81.9  | 122.9  |
| 192       | 20.1  | 16.7  | 25.1   |

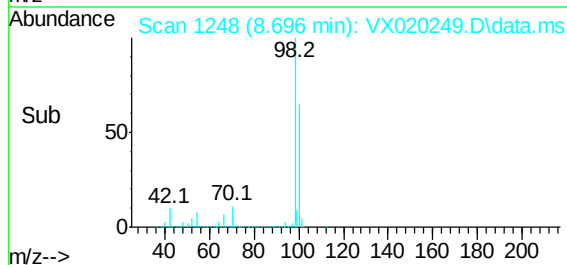
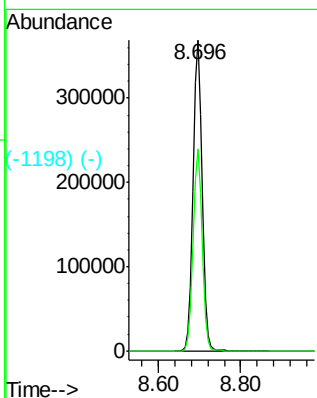
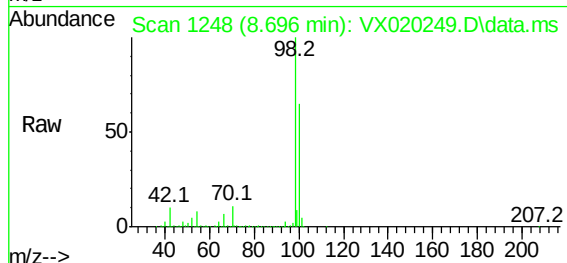




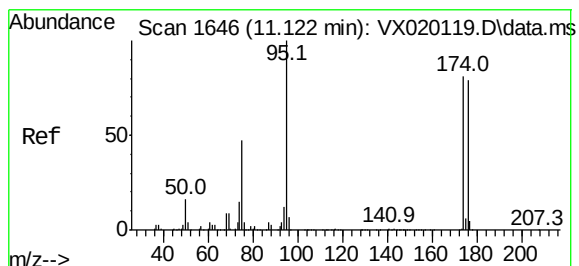
#599 (-)  
Toluene-d8  
Concen: 49.89 ug/l  
RT: 8.696 min Scan# 1248  
Delta R.T. 0.007 min  
Lab File: VX020249.D  
Acq: 21 Dec 2020 14:52

Instrument :  
MSVOA\_X  
ClientSampleId :  
49-PZ002(SBR)-121520

Tgt Ion: 98 Resp: 550501  
Ion Ratio Lower Upper  
98 100  
100 65.1 51.9 77.9

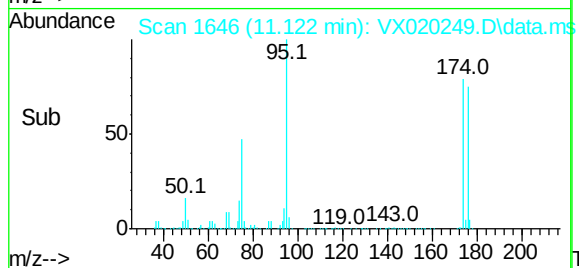
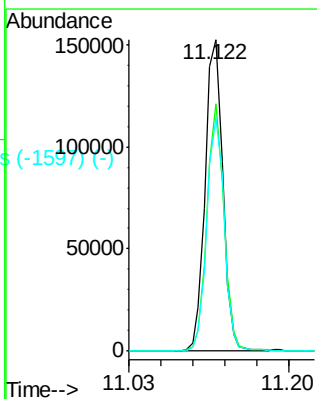
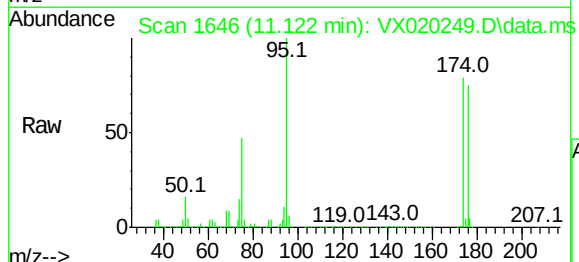


#1198 (-)

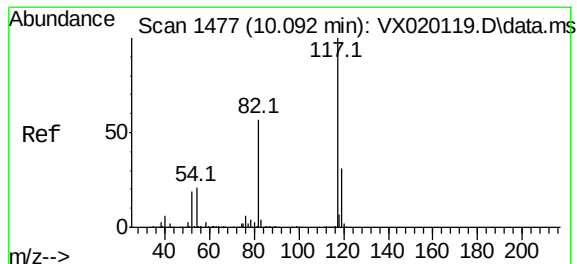


#639 (-)  
4-Bromofluorobenzene  
Concen: 45.45 ug/l  
RT: 11.122 min Scan# 1646  
Delta R.T. 0.000 min  
Lab File: VX020249.D  
Acq: 21 Dec 2020 14:52

Tgt Ion: 95 Resp: 191919  
Ion Ratio Lower Upper  
95 100  
174 76.5 0.0 154.6  
176 73.7 0.0 155.8

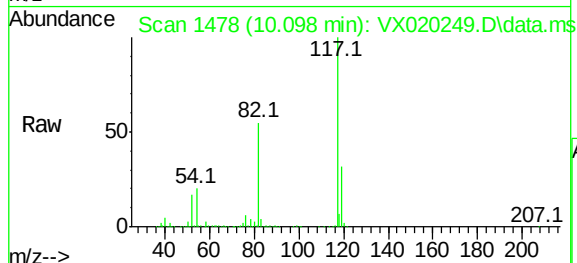


#1597 (-)

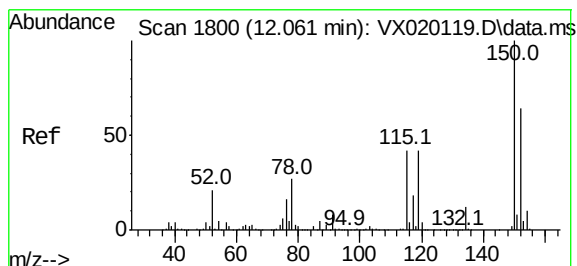
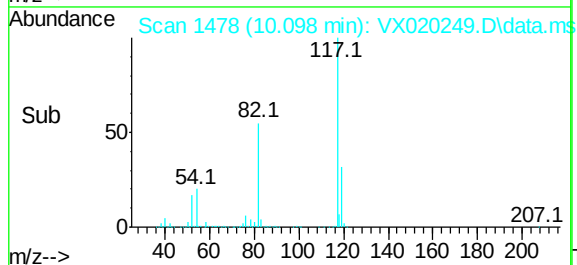
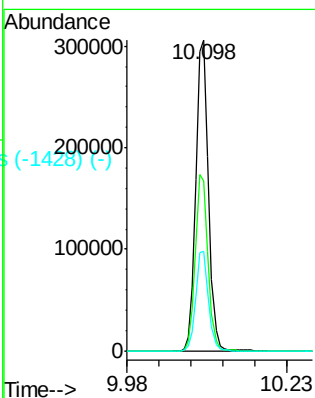


#6270 (-)  
Chlorobenzene-d5  
Concen: 50.00 ug/l  
RT: 10.098 min Scan# 1478  
Delta R.T. 0.006 min  
Lab File: VX020249.D  
Acq: 21 Dec 2020 14:52

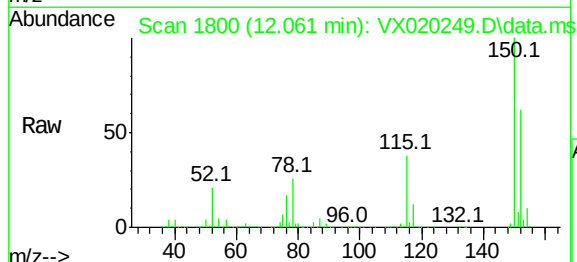
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|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 117   | Resp: | 416853 |
| Ion      | Ratio | Lower | Upper  |
| 117      | 100   |       |        |
| 82       | 54.9  | 47.4  | 71.2   |
| 119      | 31.9  | 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: VX020249.D  
Acq: 21 Dec 2020 14:52



|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 152   | Resp: | 176782 |
| Ion      | Ratio | Lower | Upper  |
| 152      | 100   |       |        |
| 115      | 60.2  | 41.1  | 123.3  |
| 150      | 157.4 | 0.0   | 349.0  |

