

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX060121\  
 Data File : VX022291.D  
 Acq On : 01 Jun 2021 15:26  
 Operator : JC/MD  
 Sample : M2518-05 200X  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 118-119

Quant Time: Jun 01 16:08:45 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X051921W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed May 19 14:23:10 2021  
 Response via : Initial Calibration

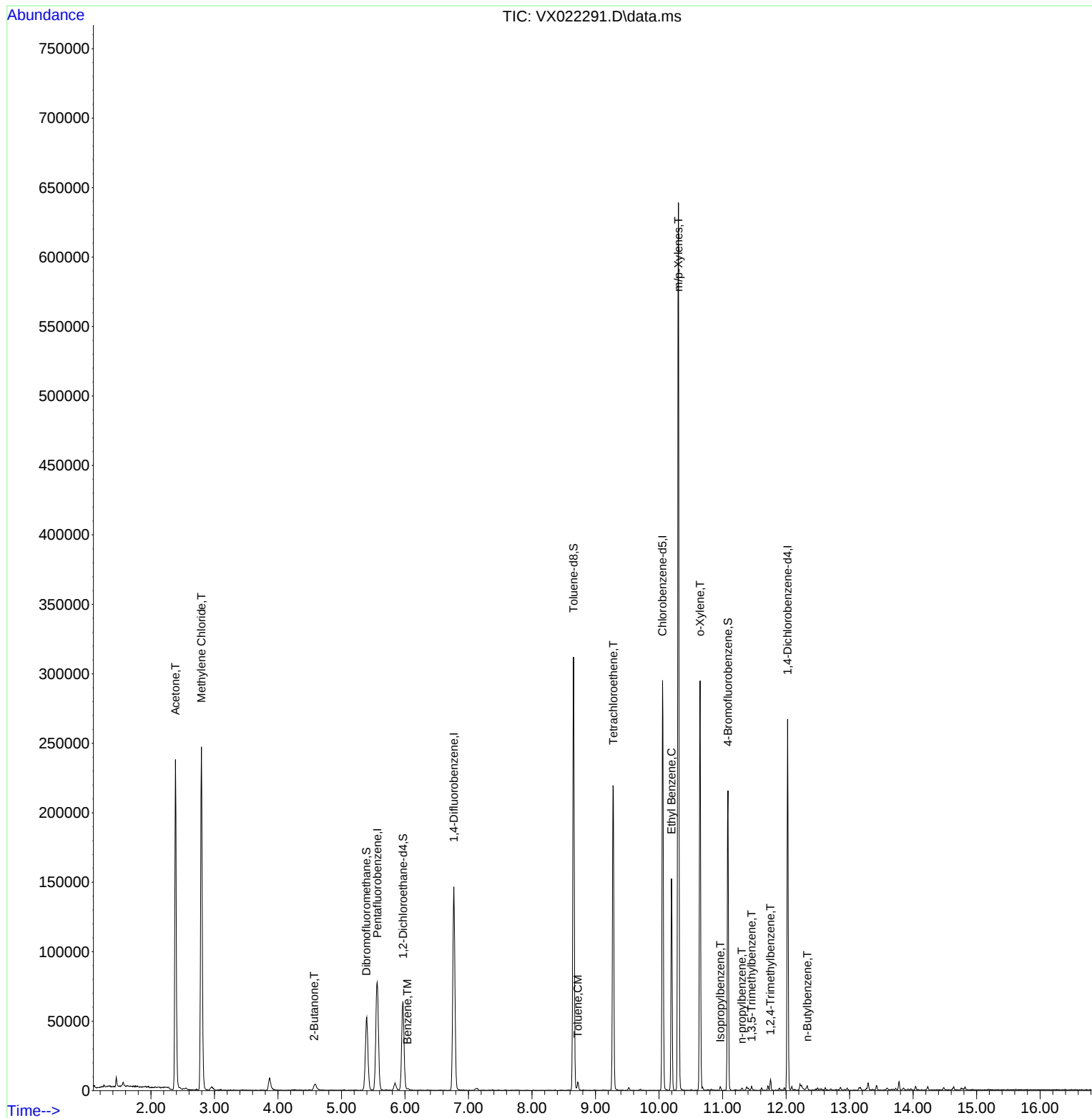
| Compound                    | R.T.   | QIon     | Response | Conc      | Units  | Dev(Min) |
|-----------------------------|--------|----------|----------|-----------|--------|----------|
| -----                       |        |          |          |           |        |          |
| Internal Standards          |        |          |          |           |        |          |
| 1) Pentafluorobenzene       | 5.562  | 168      | 70065    | 50.00     | ug/l   | # 0.00   |
| 34) 1,4-Difluorobenzene     | 6.769  | 114      | 147232   | 50.00     | ug/l   | 0.00     |
| 63) Chlorobenzene-d5        | 10.055 | 117      | 126195   | 50.00     | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 12.024 | 152      | 47818    | 50.00     | ug/l   | 0.00     |
| System Monitoring Compounds |        |          |          |           |        |          |
| 33) 1,2-Dichloroethane-d4   | 5.970  | 65       | 58970    | 54.56     | ug/l   | 0.00     |
| Spiked Amount 50.000        | Range  | 78 - 117 | Recovery | = 109.12% |        |          |
| 35) Dibromofluoromethane    | 5.391  | 113      | 44576    | 47.74     | ug/l   | 0.00     |
| Spiked Amount 50.000        | Range  | 75 - 124 | Recovery | = 95.48%  |        |          |
| 50) Toluene-d8              | 8.653  | 98       | 178615   | 49.66     | ug/l   | 0.00     |
| Spiked Amount 50.000        | Range  | 92 - 112 | Recovery | = 99.32%  |        |          |
| 62) 4-Bromofluorobenzene    | 11.085 | 95       | 60377    | 45.42     | ug/l   | 0.00     |
| Spiked Amount 50.000        | Range  | 83 - 123 | Recovery | = 90.84%  |        |          |
| Target Compounds            |        |          |          |           |        |          |
|                             |        |          |          |           |        | Qvalue   |
| 16) Acetone                 | 2.386  | 43       | 236405   | 502.34    | ug/l   | 95       |
| 20) Methylene Chloride      | 2.794  | 84       | 105024   | 100.51    | ug/l   | 91       |
| 25) 2-Butanone              | 4.568  | 43       | 4032     | 5.30      | ug/l   | 91       |
| 40) Benzene                 | 6.037  | 78       | 1445     | 0.34      | ug/l # | 74       |
| 52) Toluene                 | 8.720  | 92       | 2063     | 0.78      | ug/l   | 99       |
| 64) Tetrachloroethene       | 9.281  | 164      | 38077    | 45.96     | ug/l   | 92       |
| 67) Ethyl Benzene           | 10.195 | 91       | 85117    | 17.61     | ug/l   | 96       |
| 68) m/p-Xylenes             | 10.305 | 106      | 146520   | 80.22     | ug/l   | 100      |
| 69) o-Xylene                | 10.646 | 106      | 61473    | 34.61     | ug/l   | 99       |
| 73) Isopropylbenzene        | 10.963 | 105      | 1681     | 0.42      | ug/l   | 89       |
| 78) n-propylbenzene         | 11.305 | 91       | 1314     | 0.28      | ug/l   | 98       |
| 80) 1,3,5-Trimethylbenzene  | 11.457 | 105      | 1025     | 0.31      | ug/l   | 97       |
| 84) 1,2,4-Trimethylbenzene  | 11.756 | 105      | 3330     | 0.99      | ug/l   | 99       |
| 89) n-Butylbenzene          | 12.335 | 91       | 1331     | 0.42      | ug/l   | 86       |
| -----                       |        |          |          |           |        |          |

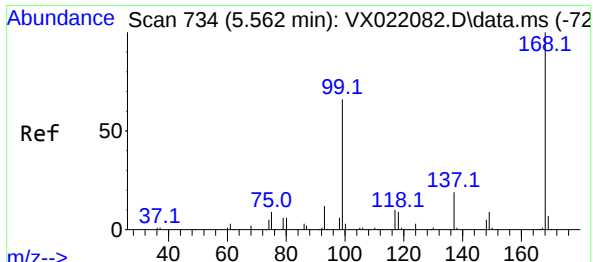
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX060121\  
Data File : VX022291.D  
Acq On : 01 Jun 2021 15:26  
Operator : JC/MD  
Sample : M2518-05 200X  
Misc : 5.0mL/MSVOA\_X/WATER  
ALS Vial : 7 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
118-119

Quant Time: Jun 01 16:08:45 2021  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X051921W.M  
Quant Title : SW846 8260  
QLast Update : Wed May 19 14:23:10 2021  
Response via : Initial Calibration

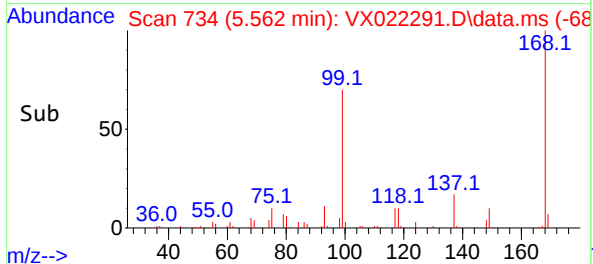
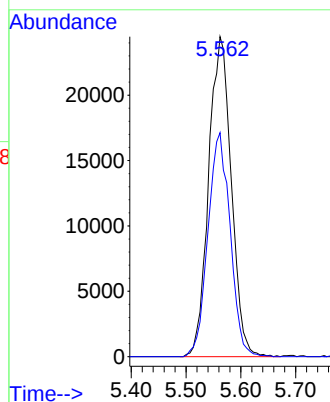
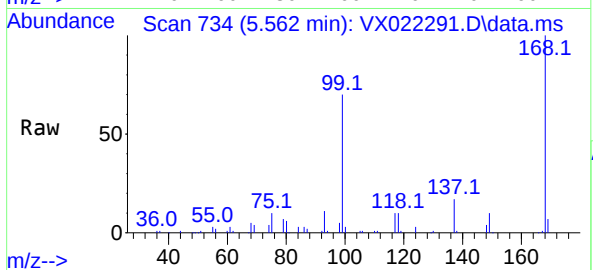




#1  
Pentafluorobenzene  
Concen: 50.00 ug/l  
RT: 5.562 min Scan# 734  
Delta R.T. -0.000 min  
Lab File: VX022291.D  
Acq: 01 Jun 2021 15:26

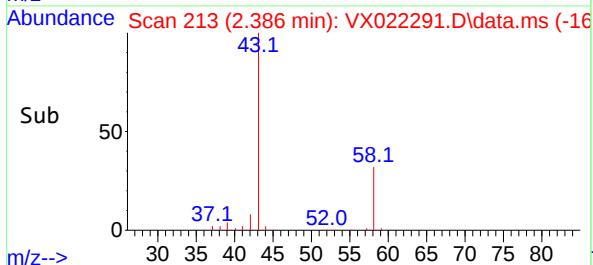
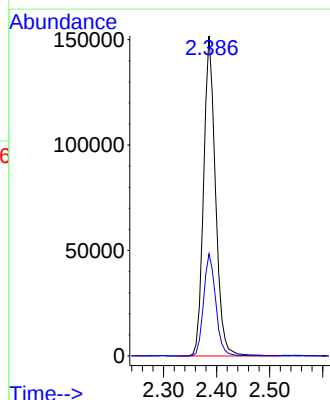
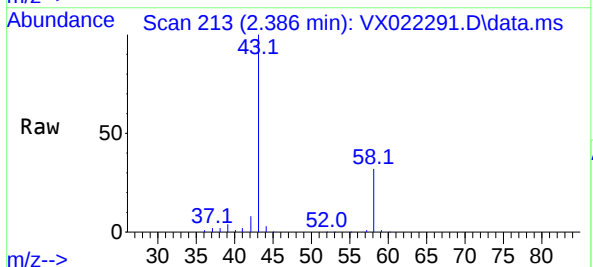
Instrument :  
MSVOA\_X  
ClientSampleId :  
118-119

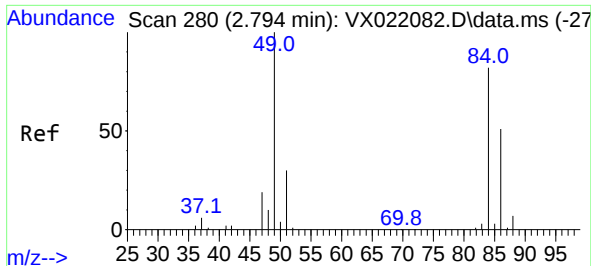
Tgt Ion:168 Resp: 70065  
Ion Ratio Lower Upper  
168 100  
99 70.0 45.8 68.6#



#16  
Acetone  
Concen: 502.34 ug/l  
RT: 2.386 min Scan# 213  
Delta R.T. -0.006 min  
Lab File: VX022291.D  
Acq: 01 Jun 2021 15:26

Tgt Ion: 43 Resp: 236405  
Ion Ratio Lower Upper  
43 100  
58 31.9 27.8 41.8



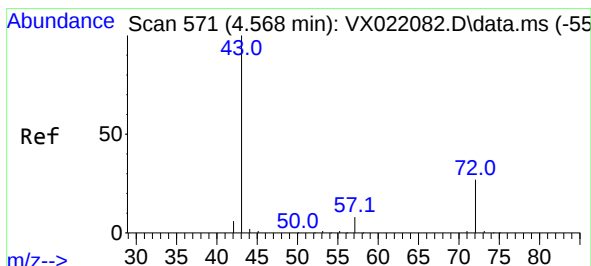
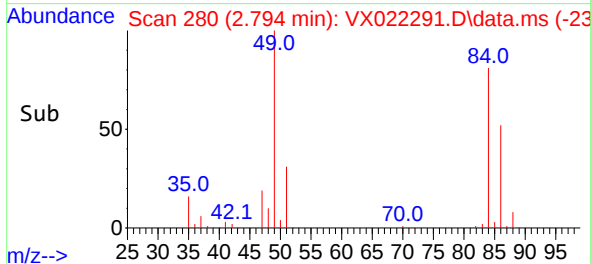
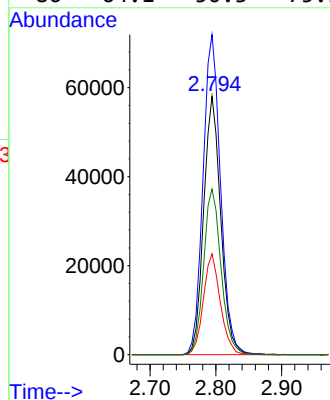
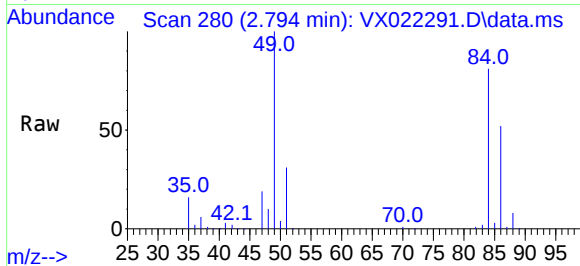


#20  
Methylene Chloride  
Concen: 100.51 ug/l  
RT: 2.794 min Scan# 280  
Delta R.T. 0.000 min  
Lab File: VX022291.D  
Acq: 01 Jun 2021 15:26

Instrument :  
MSVOA\_X  
ClientSampleId :  
118-119

Tgt Ion: 84 Resp: 105024

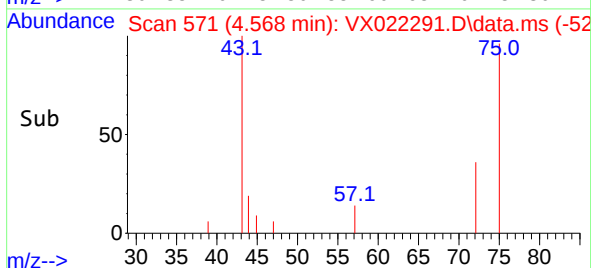
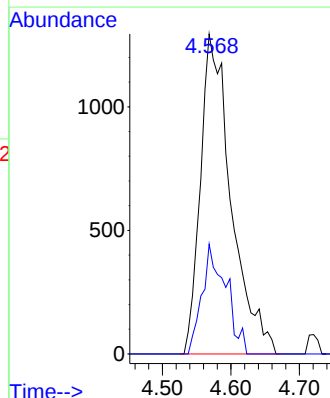
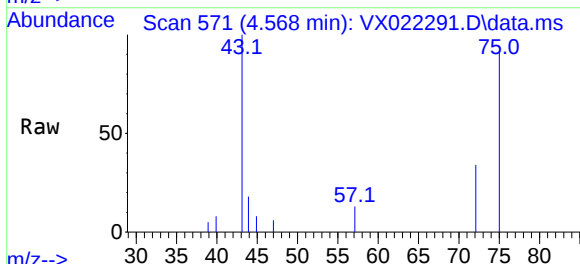
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 84  | 100   |       |       |
| 49  | 123.8 | 88.6  | 132.8 |
| 51  | 39.0  | 27.0  | 40.6  |
| 86  | 64.1  | 50.3  | 75.5  |

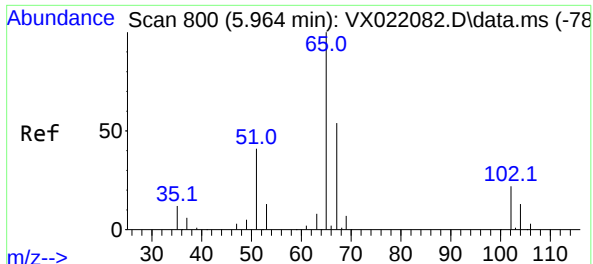


#25  
2-Butanone  
Concen: 5.30 ug/l  
RT: 4.568 min Scan# 571  
Delta R.T. 0.000 min  
Lab File: VX022291.D  
Acq: 01 Jun 2021 15:26

Tgt Ion: 43 Resp: 4032

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 43  | 100   |       |       |
| 72  | 34.4  | 23.7  | 35.5  |

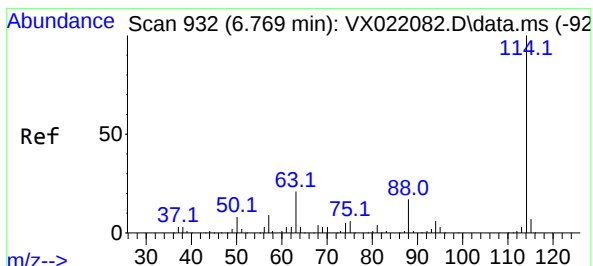
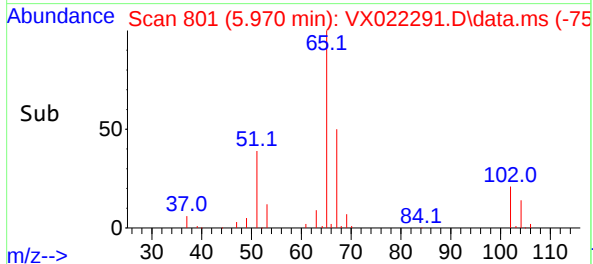
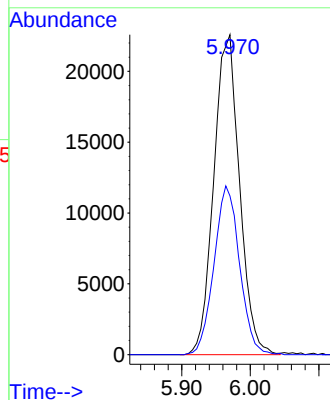
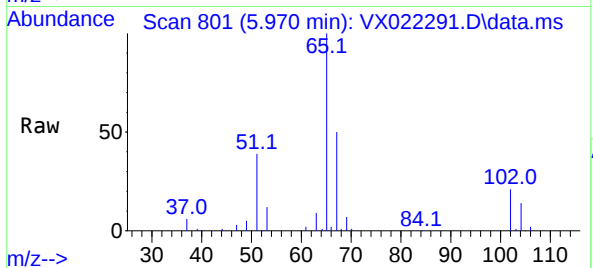




#33  
1,2-Dichloroethane-d4  
Concen: 54.56 ug/l  
RT: 5.970 min Scan# 801  
Delta R.T. 0.006 min  
Lab File: VX022291.D  
Acq: 01 Jun 2021 15:26

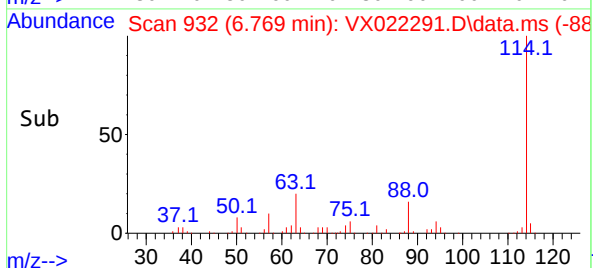
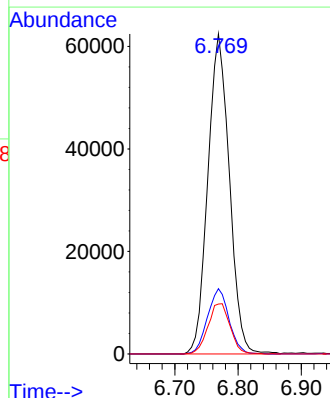
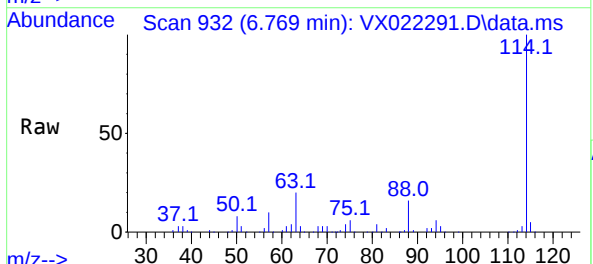
Instrument :  
MSVOA\_X  
ClientSampled :  
118-119

Tgt Ion: 65 Resp: 58970  
Ion Ratio Lower Upper  
65 100  
67 52.3 0.0 105.4



#34  
1,4-Difluorobenzene  
Concen: 50.00 ug/l  
RT: 6.769 min Scan# 932  
Delta R.T. 0.000 min  
Lab File: VX022291.D  
Acq: 01 Jun 2021 15:26

Tgt Ion: 114 Resp: 147232  
Ion Ratio Lower Upper  
114 100  
63 20.4 0.0 40.8  
88 15.6 0.0 32.8

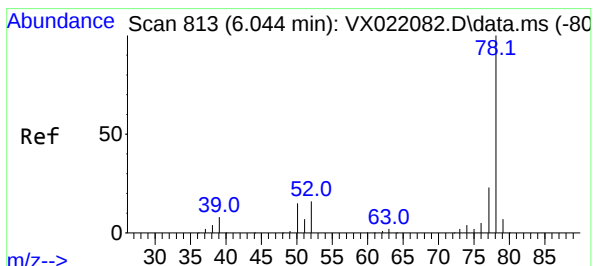
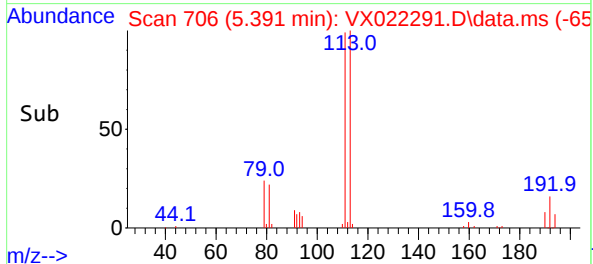
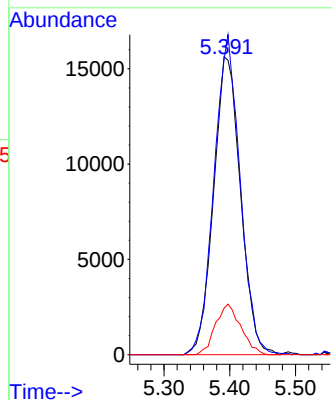
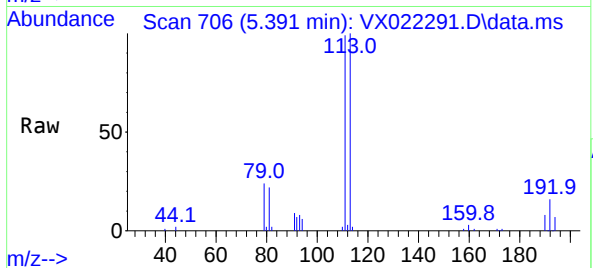




#35  
Dibromofluoromethane  
Concen: 47.74 ug/l  
RT: 5.391 min Scan# 706  
Delta R.T. 0.000 min  
Lab File: VX022291.D  
Acq: 01 Jun 2021 15:26

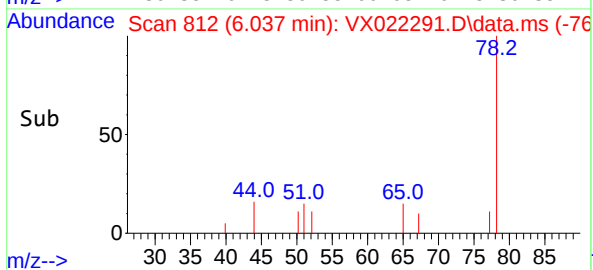
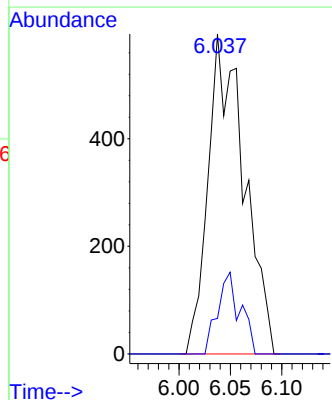
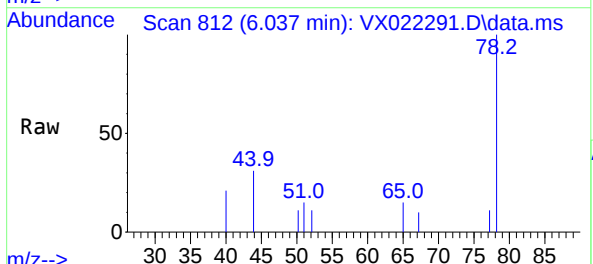
Instrument :  
MSVOA\_X  
ClientSampleId :  
118-119

Tgt Ion:113 Resp: 44576  
Ion Ratio Lower Upper  
113 100  
111 103.8 81.9 122.9  
192 16.0 16.7 25.1#



#40  
Benzene  
Concen: 0.34 ug/l  
RT: 6.037 min Scan# 812  
Delta R.T. -0.007 min  
Lab File: VX022291.D  
Acq: 01 Jun 2021 15:26

Tgt Ion: 78 Resp: 1445  
Ion Ratio Lower Upper  
78 100  
77 11.1 18.9 28.3#

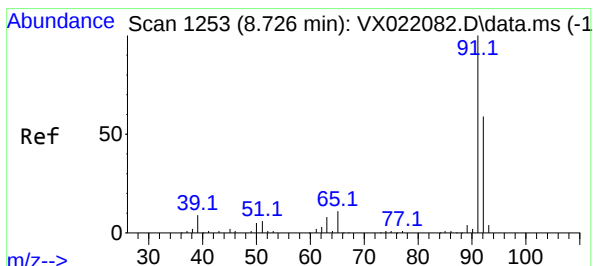
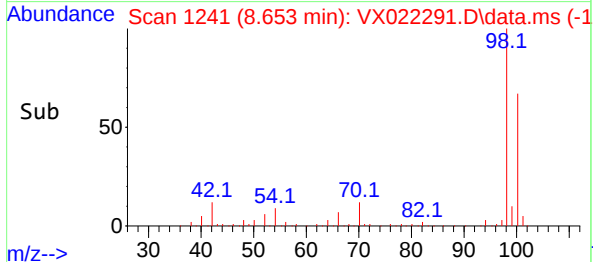
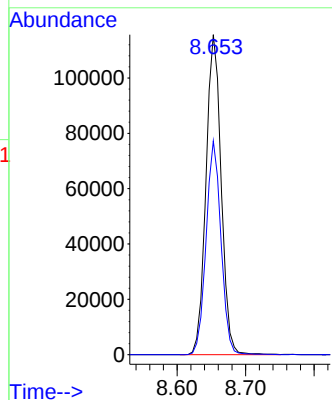
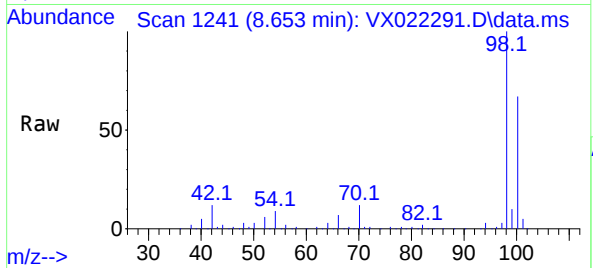




#50  
Toluene-d8  
Concen: 49.66 ug/l  
RT: 8.653 min Scan# 1241  
Delta R.T. -0.000 min  
Lab File: VX022291.D  
Acq: 01 Jun 2021 15:26

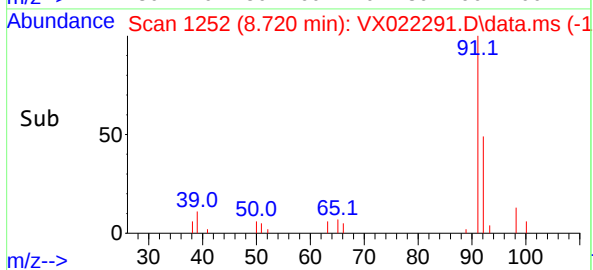
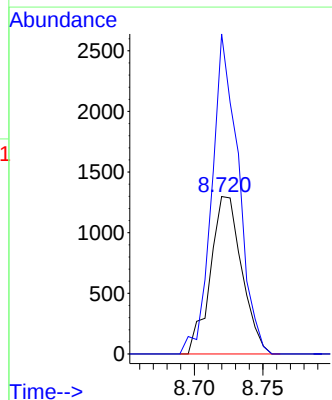
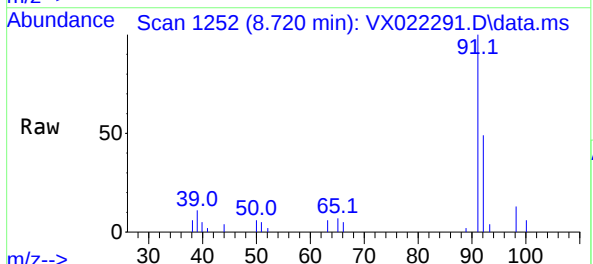
Instrument :  
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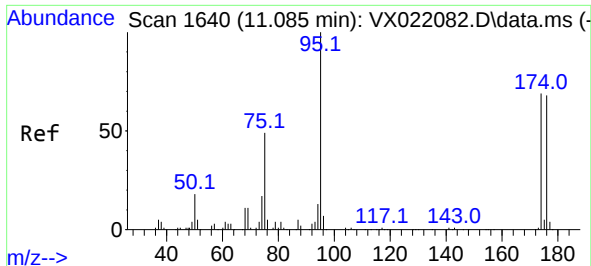
Tgt Ion: 98 Resp: 178615  
Ion Ratio Lower Upper  
98 100  
100 65.5 51.9 77.9



#52  
Toluene  
Concen: 0.78 ug/l  
RT: 8.720 min Scan# 1252  
Delta R.T. -0.006 min  
Lab File: VX022291.D  
Acq: 01 Jun 2021 15:26

Tgt Ion: 92 Resp: 2063  
Ion Ratio Lower Upper  
92 100  
91 172.1 137.1 205.7

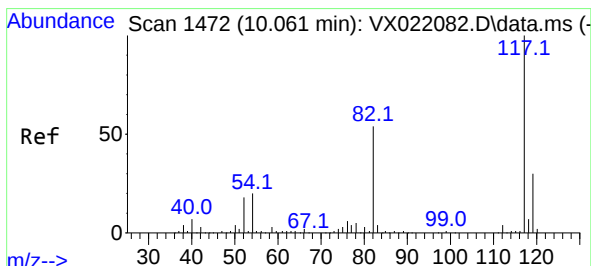
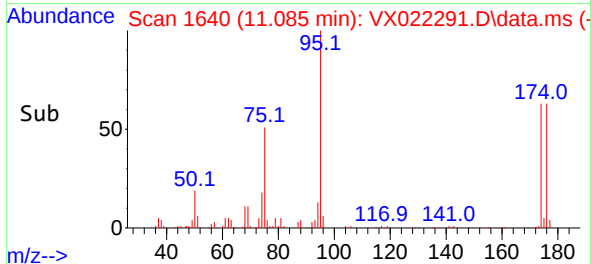
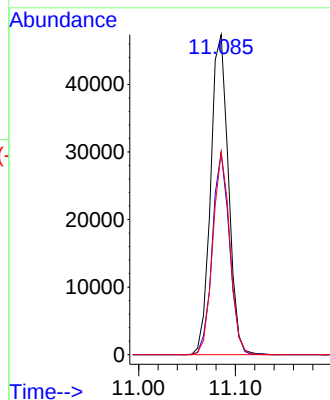
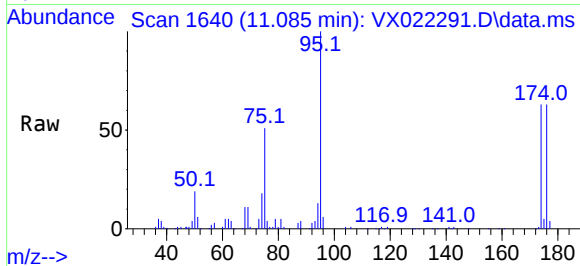




#62  
4-Bromofluorobenzene  
Concen: 45.42 ug/l  
RT: 11.085 min Scan# 1640  
Delta R.T. 0.000 min  
Lab File: VX022291.D  
Acq: 01 Jun 2021 15:26

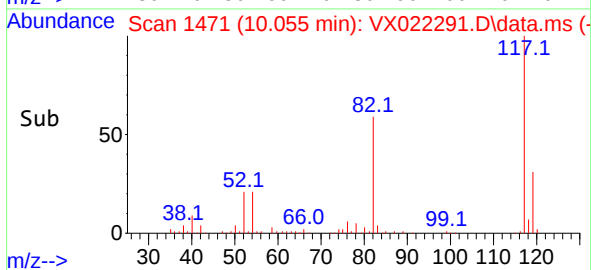
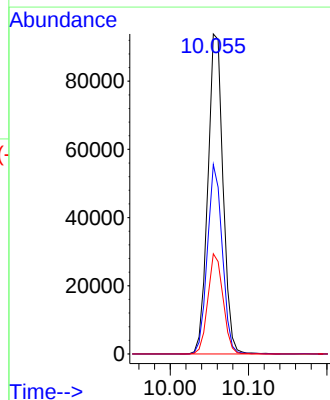
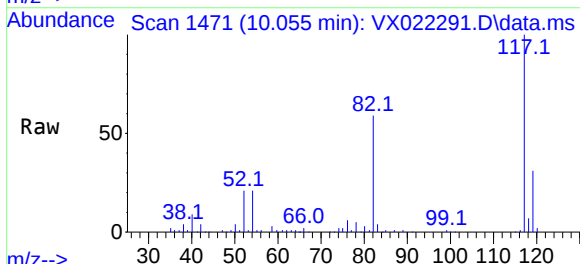
Instrument :  
MSVOA\_X  
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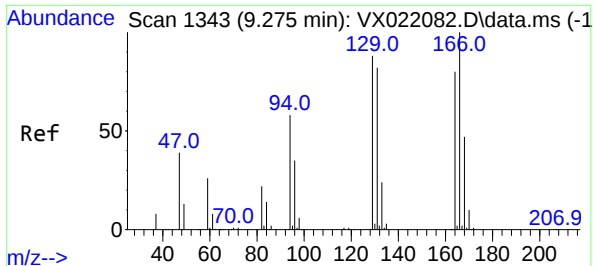
Tgt Ion: 95 Resp: 60377  
Ion Ratio Lower Upper  
95 100  
174 61.4 0.0 154.6  
176 60.7 0.0 155.8



#63  
Chlorobenzene-d5  
Concen: 50.00 ug/l  
RT: 10.055 min Scan# 1471  
Delta R.T. -0.006 min  
Lab File: VX022291.D  
Acq: 01 Jun 2021 15:26

Tgt Ion: 117 Resp: 126195  
Ion Ratio Lower Upper  
117 100  
82 59.2 47.4 71.2  
119 31.3 26.6 39.8

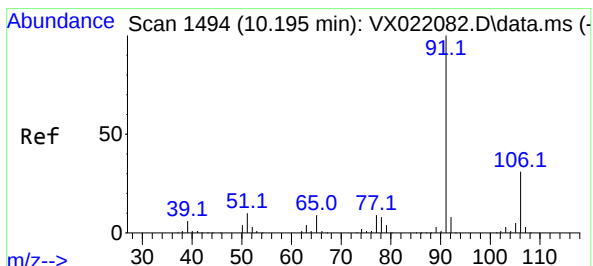
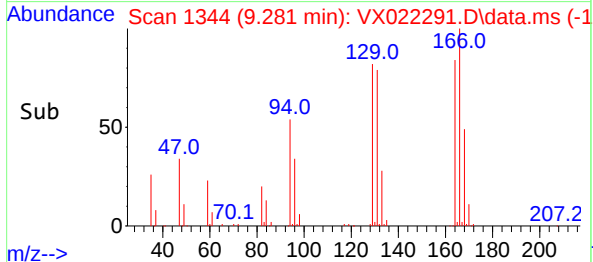
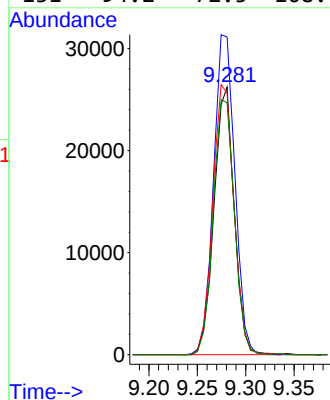
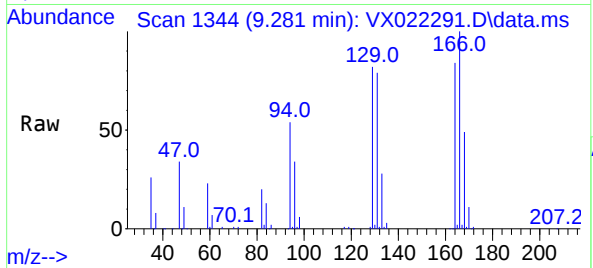




#64  
Tetrachloroethene  
Concen: 45.96 ug/l  
RT: 9.281 min Scan# 1344  
Delta R.T. 0.006 min  
Lab File: VX022291.D  
Acq: 01 Jun 2021 15:26

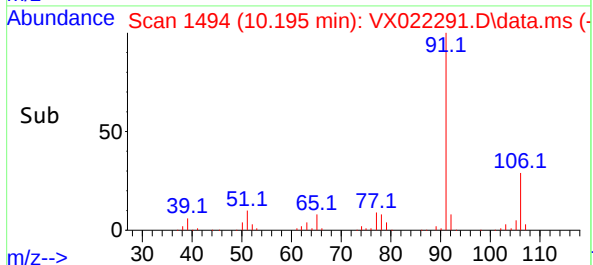
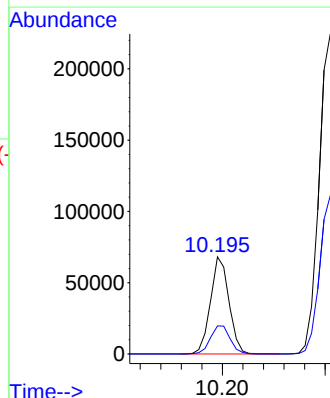
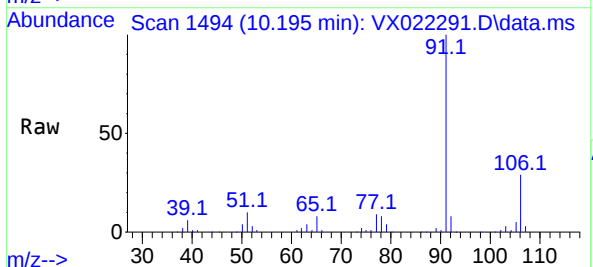
Instrument :  
MSVOA\_X  
ClientSampled :  
118-119

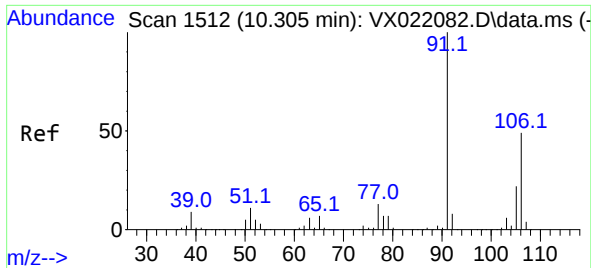
Tgt Ion:164 Resp: 38077  
Ion Ratio Lower Upper  
164 100  
166 118.7 103.4 155.2  
129 97.7 70.8 106.2  
131 94.2 72.5 108.7



#67  
Ethyl Benzene  
Concen: 17.61 ug/l  
RT: 10.195 min Scan# 1494  
Delta R.T. 0.000 min  
Lab File: VX022291.D  
Acq: 01 Jun 2021 15:26

Tgt Ion: 91 Resp: 85117  
Ion Ratio Lower Upper  
91 100  
106 28.8 24.6 37.0

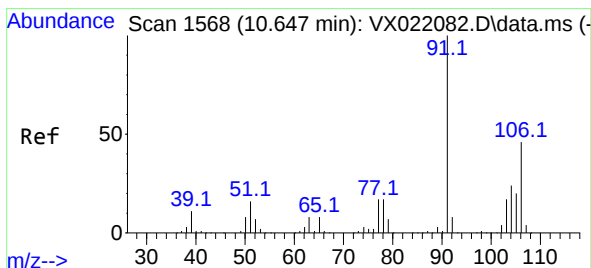
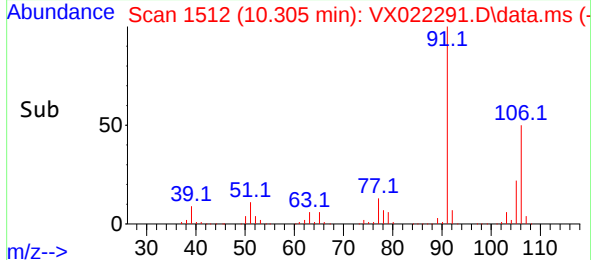
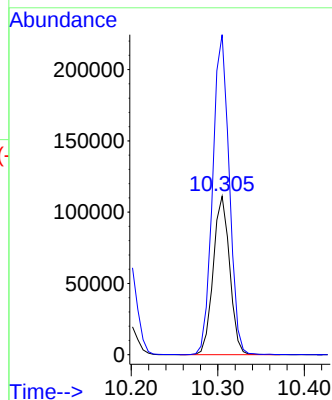
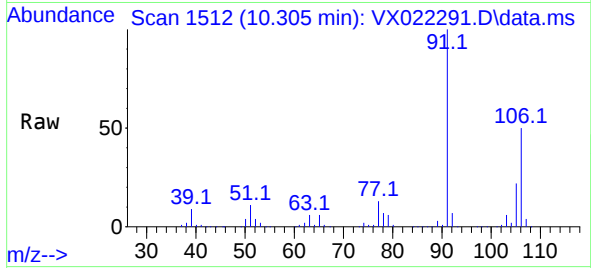




#68  
m/p-Xylenes  
Concen: 80.22 ug/l  
RT: 10.305 min Scan# 1512  
Delta R.T. -0.000 min  
Lab File: VX022291.D  
Acq: 01 Jun 2021 15:26

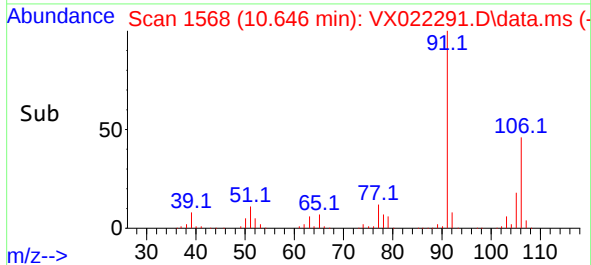
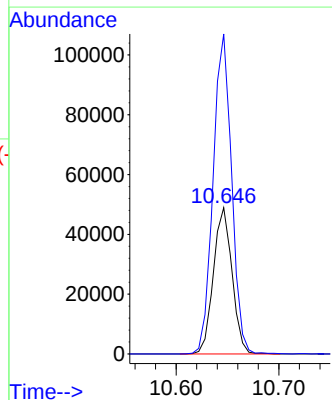
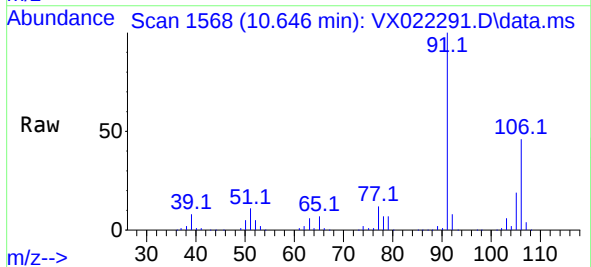
Instrument :  
MSVOA\_X  
ClientSampled :  
118-119

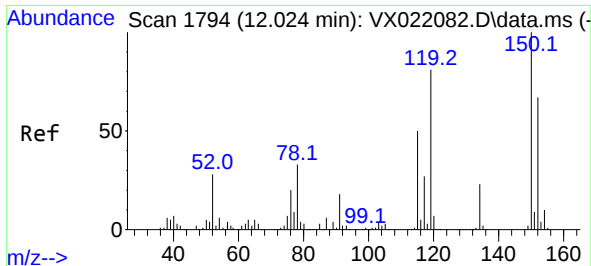
Tgt Ion:106 Resp: 146520  
Ion Ratio Lower Upper  
106 100  
91 203.9 162.8 244.2



#69  
o-Xylene  
Concen: 34.61 ug/l  
RT: 10.646 min Scan# 1568  
Delta R.T. -0.001 min  
Lab File: VX022291.D  
Acq: 01 Jun 2021 15:26

Tgt Ion:106 Resp: 61473  
Ion Ratio Lower Upper  
106 100  
91 217.7 108.1 324.2

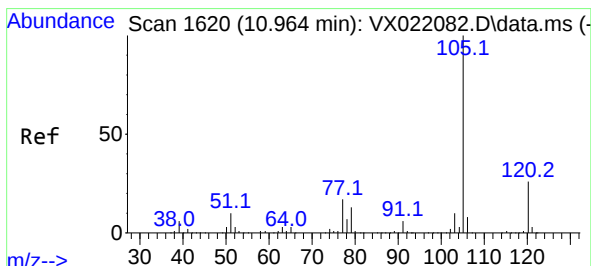
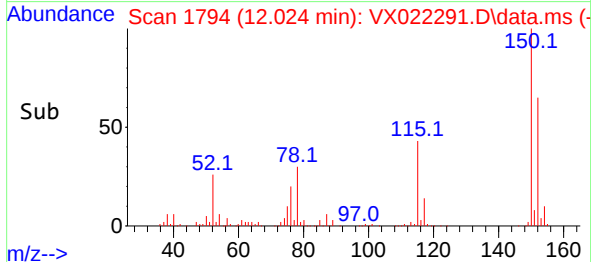
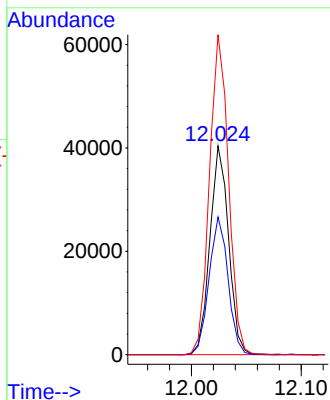
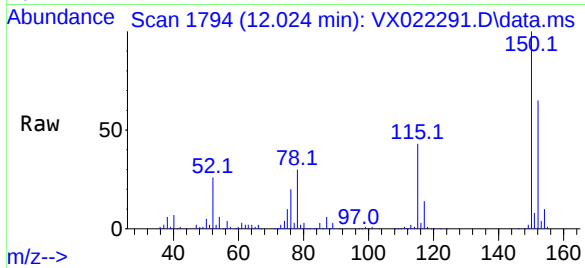




#72  
1,4-Dichlorobenzene-d4  
Concen: 50.00 ug/l  
RT: 12.024 min Scan# 1794  
Delta R.T. 0.000 min  
Lab File: VX022291.D  
Acq: 01 Jun 2021 15:26

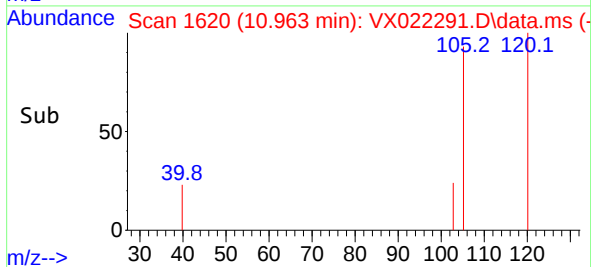
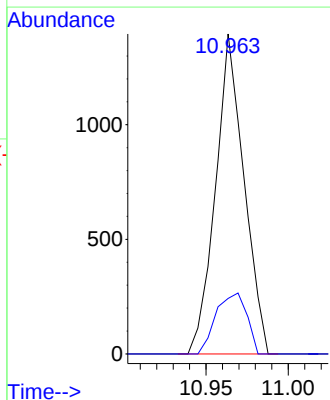
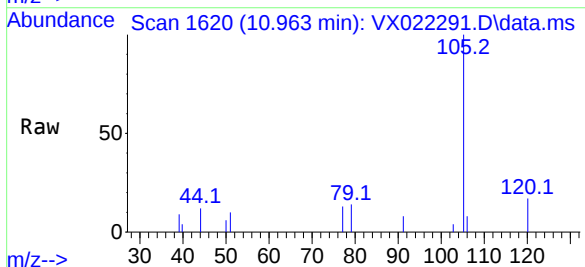
Instrument :  
MSVOA\_X  
ClientSampled :  
118-119

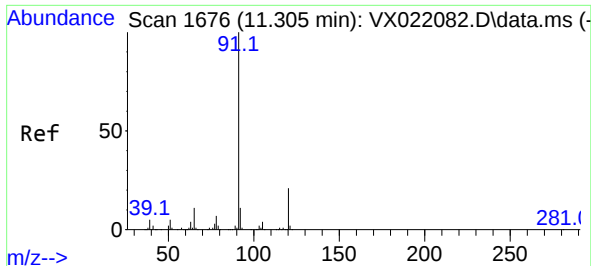
Tgt Ion:152 Resp: 47818  
Ion Ratio Lower Upper  
152 100  
115 67.0 41.1 123.3  
150 156.8 0.0 349.0



#73  
Isopropylbenzene  
Concen: 0.42 ug/l  
RT: 10.963 min Scan# 1620  
Delta R.T. -0.001 min  
Lab File: VX022291.D  
Acq: 01 Jun 2021 15:26

Tgt Ion:105 Resp: 1681  
Ion Ratio Lower Upper  
105 100  
120 20.5 13.2 39.6

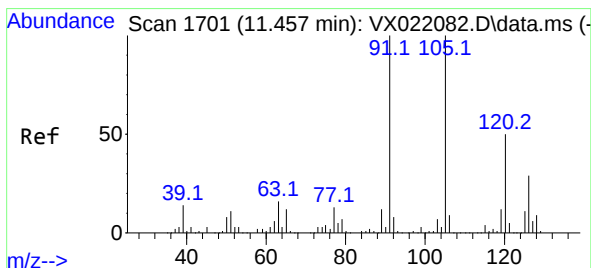
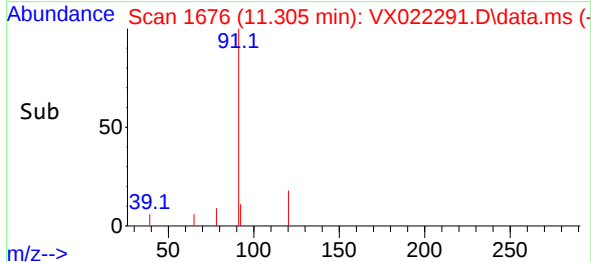
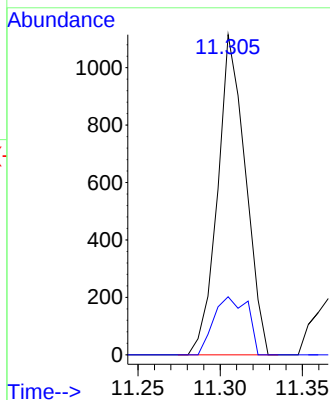
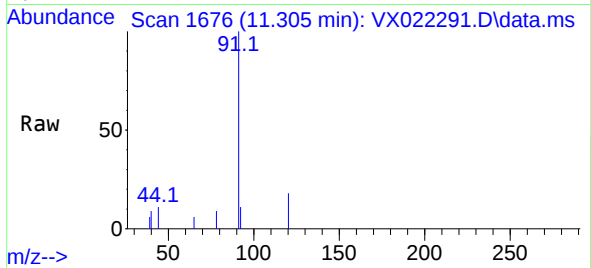




#78  
n-propylbenzene  
Concen: 0.28 ug/l  
RT: 11.305 min Scan# 1676  
Delta R.T. -0.000 min  
Lab File: VX022291.D  
Acq: 01 Jun 2021 15:26

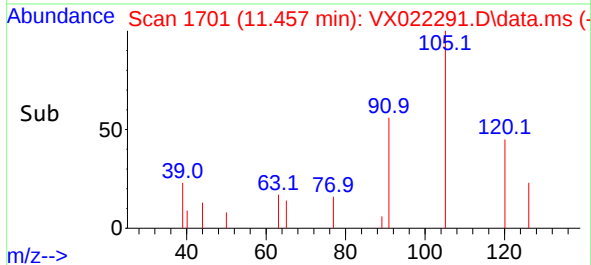
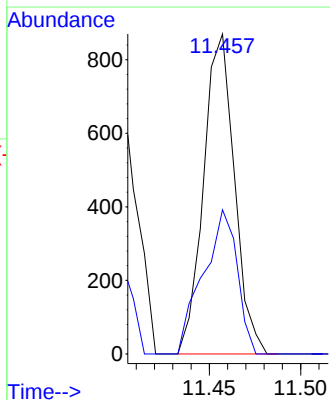
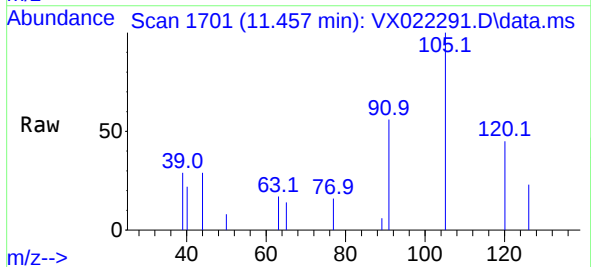
Instrument :  
MSVOA\_X  
ClientSampleId :  
118-119

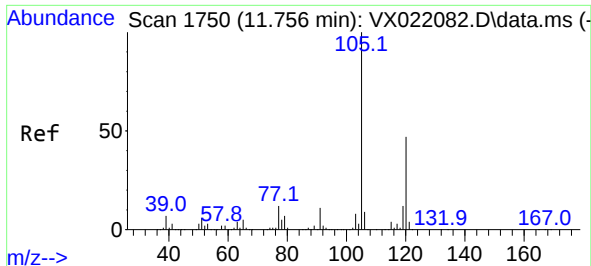
Tgt Ion: 91 Resp: 1314  
Ion Ratio Lower Upper  
91 100  
120 22.0 11.5 34.5



#80  
1,3,5-Trimethylbenzene  
Concen: 0.31 ug/l  
RT: 11.457 min Scan# 1701  
Delta R.T. 0.000 min  
Lab File: VX022291.D  
Acq: 01 Jun 2021 15:26

Tgt Ion: 105 Resp: 1025  
Ion Ratio Lower Upper  
105 100  
120 49.5 23.8 71.5

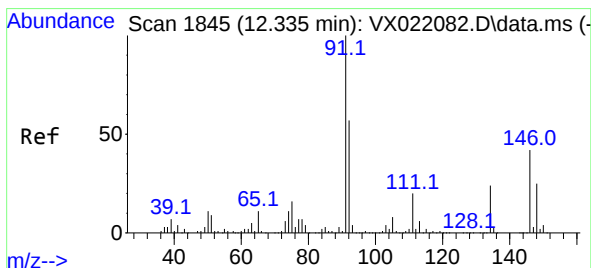
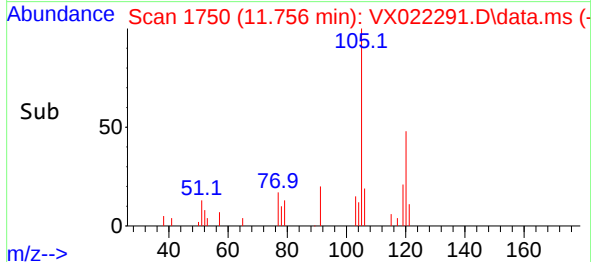
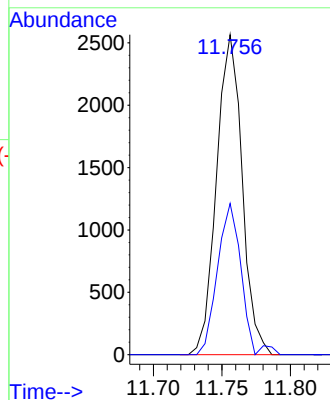
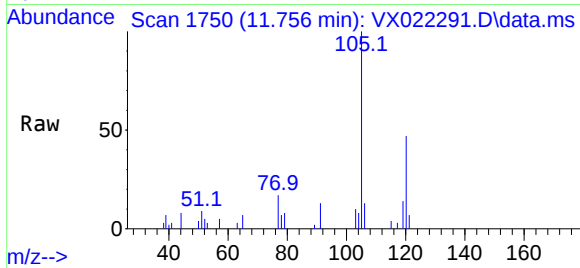




#84  
1,2,4-Trimethylbenzene  
Concen: 0.99 ug/l  
RT: 11.756 min Scan# 1750  
Delta R.T. -0.000 min  
Lab File: VX022291.D  
Acq: 01 Jun 2021 15:26

Instrument :  
MSVOA\_X  
ClientSampled :  
118-119

Tgt Ion:105 Resp: 3330  
Ion Ratio Lower Upper  
105 100  
120 44.0 22.4 67.3



#89  
n-Butylbenzene  
Concen: 0.42 ug/l  
RT: 12.335 min Scan# 1845  
Delta R.T. 0.000 min  
Lab File: VX022291.D  
Acq: 01 Jun 2021 15:26

Tgt Ion: 91 Resp: 1331  
Ion Ratio Lower Upper  
91 100  
92 43.1 27.4 82.0  
134 31.9 13.2 39.5

