

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX022521\  
 Data File : VX020911.D  
 Acq On : 25 Feb 2021 14:08  
 Operator : JC/MD  
 Sample : VX0225WBL01  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0225WBL01

Quant Time: Feb 25 15:07:02 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\624X022521W.M  
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS  
 QLast Update : Thu Feb 25 13:26:35 2021  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon  | Response | Conc     | Units | Dev(Min) |
|-----------------------------|--------|-------|----------|----------|-------|----------|
| -----                       |        |       |          |          |       |          |
| Internal Standards          |        |       |          |          |       |          |
| 1) Bromochloromethane       | 4.982  | 128   | 35232    | 30.00    | ug/l  | 0.00     |
| 28) 1,4-Difluorobenzene     | 6.829  | 114   | 203317   | 30.00    | ug/l  | 0.00     |
| 57) Chlorobenzene-d5        | 10.094 | 117   | 176867   | 30.00    | ug/l  | 0.00     |
| System Monitoring Compounds |        |       |          |          |       |          |
| 27) 1,2-Dichloroethane-d4   | 6.029  | 65    | 76383    | 30.79    | ug/l  | 0.00     |
| Spiked Amount               | 30.000 | Range | 91 - 110 | Recovery | =     | 102.63%  |
| 60) 4-Bromofluorobenzene    | 11.118 | 95    | 83536    | 28.56    | ug/l  | 0.00     |
| Spiked Amount               | 30.000 | Range | 63 - 112 | Recovery | =     | 95.20%   |
| 63) Toluene-d8              | 8.694  | 98    | 240717   | 29.89    | ug/l  | 0.00     |
| Spiked Amount               | 30.000 | Range | 91 - 112 | Recovery | =     | 99.63%   |

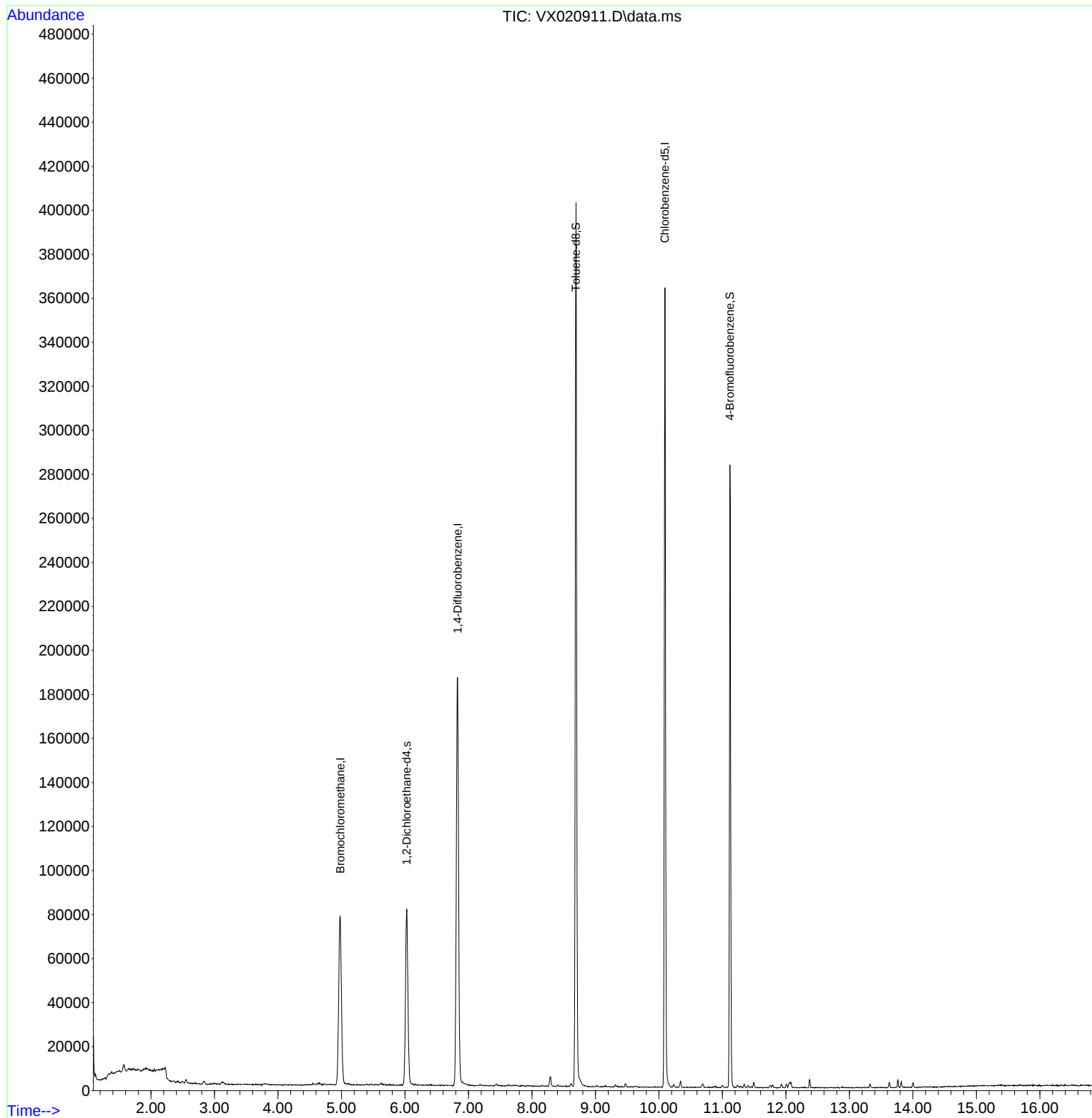
| Target Compounds | Qvalue |
|------------------|--------|
| -----            |        |

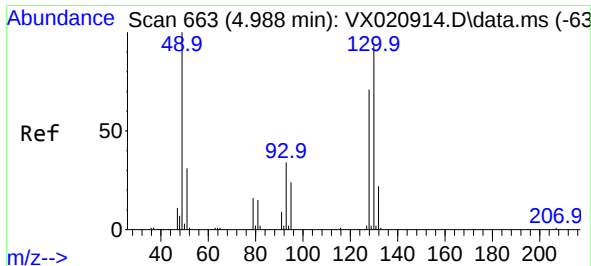
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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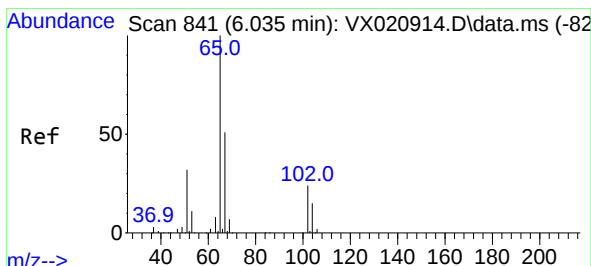
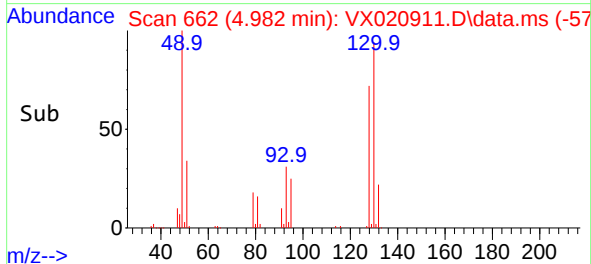
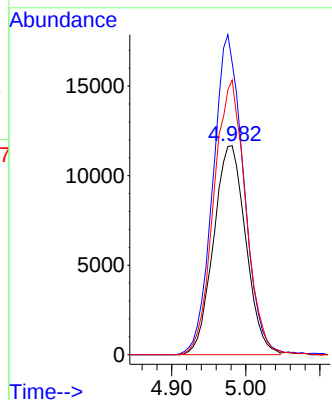
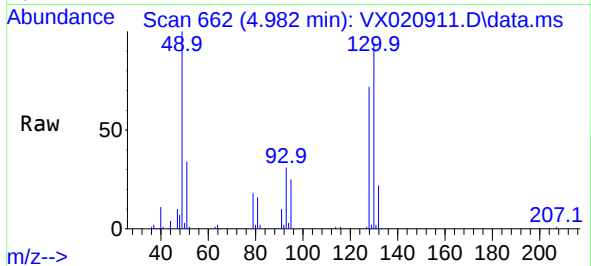




#1  
Bromochloromethane  
Concen: 30.00 ug/l  
RT: 4.982 min Scan# 662  
Delta R.T. 0.006 min  
Lab File: VX020911.D  
Acq: 25 Feb 2021 14:08

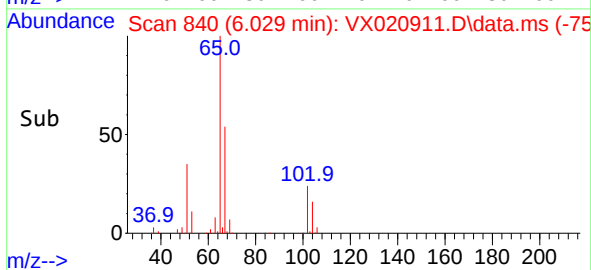
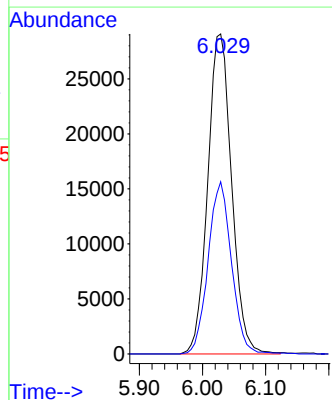
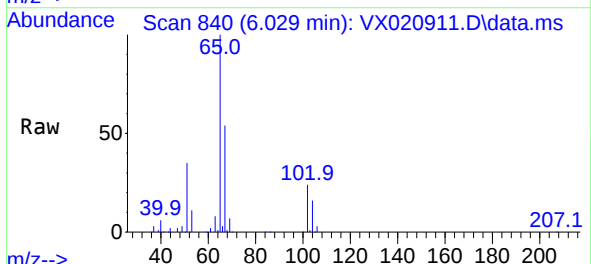
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0225WBL01

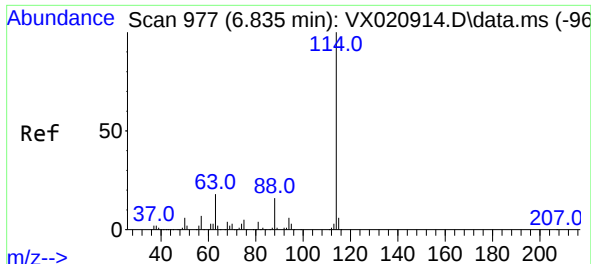
Tgt Ion:128 Resp: 35232  
Ion Ratio Lower Upper  
128 100  
49 145.9 0.0 367.5  
130 129.8 0.0 318.8



#27  
1,2-Dichloroethane-d4  
Concen: 30.79 ug/l  
RT: 6.029 min Scan# 840  
Delta R.T. 0.006 min  
Lab File: VX020911.D  
Acq: 25 Feb 2021 14:08

Tgt Ion: 65 Resp: 76383  
Ion Ratio Lower Upper  
65 100  
67 52.3 41.9 62.9

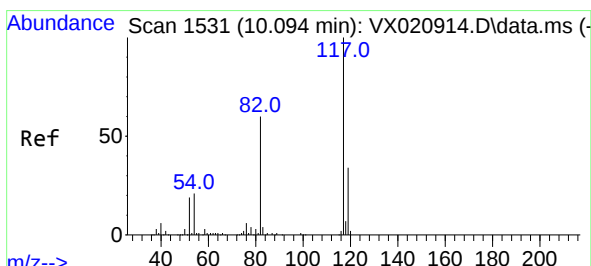
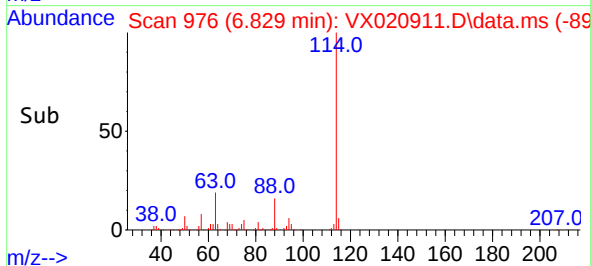
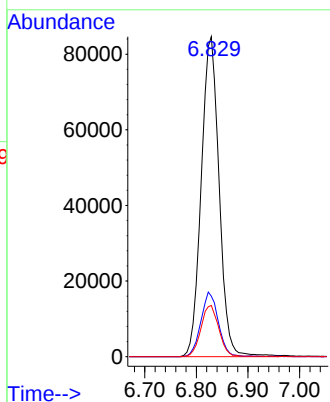
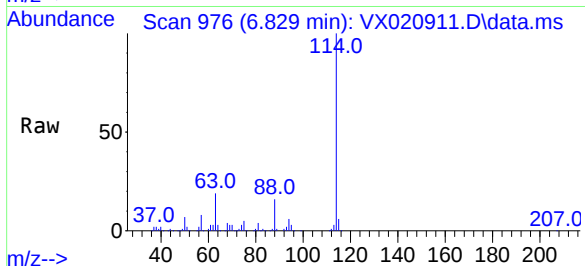




#28  
1,4-Difluorobenzene  
Concen: 30.00 ug/l  
RT: 6.829 min Scan# 976  
Delta R.T. -0.000 min  
Lab File: VX020911.D  
Acq: 25 Feb 2021 14:08

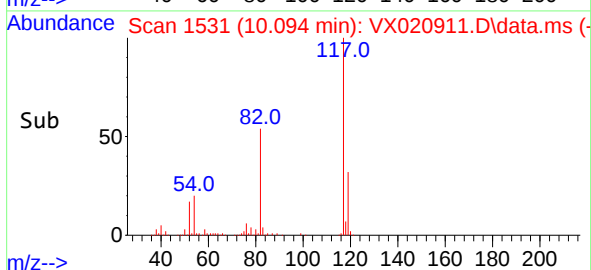
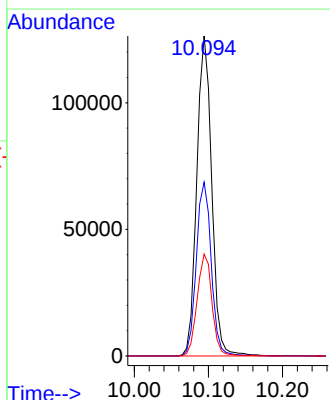
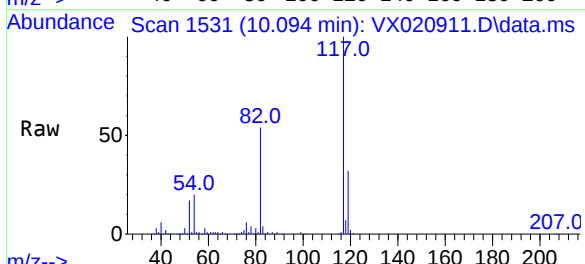
Instrument :  
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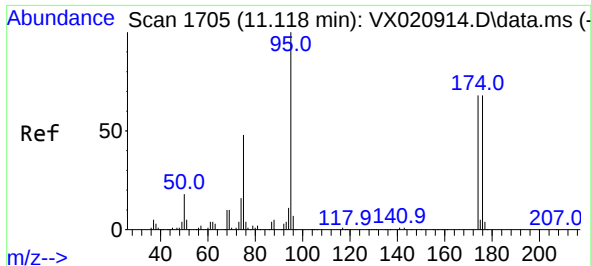
Tgt Ion:114 Resp: 203317  
Ion Ratio Lower Upper  
114 100  
63 19.6 16.2 24.2  
88 16.0 13.0 19.6



#57  
Chlorobenzene-d5  
Concen: 30.00 ug/l  
RT: 10.094 min Scan# 1531  
Delta R.T. -0.000 min  
Lab File: VX020911.D  
Acq: 25 Feb 2021 14:08

Tgt Ion:117 Resp: 176867  
Ion Ratio Lower Upper  
117 100  
82 54.5 45.0 67.6  
119 31.7 25.6 38.4

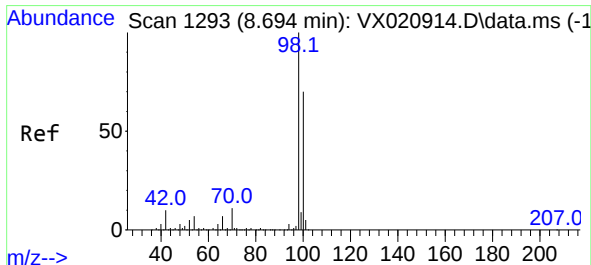
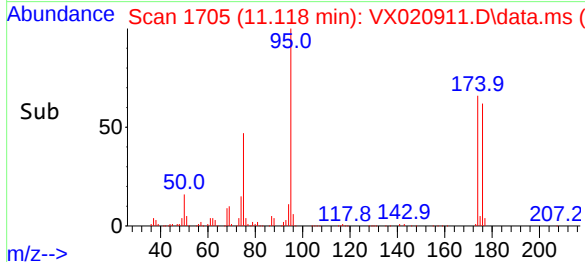
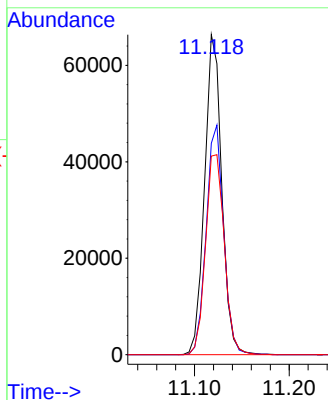
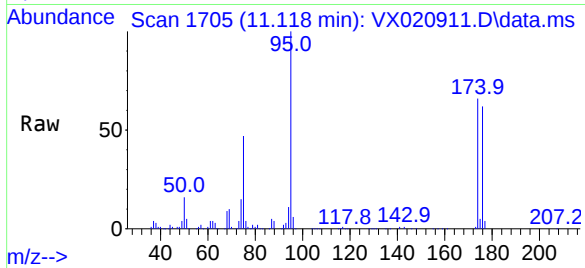




#60  
4-Bromofluorobenzene  
Concen: 28.56 ug/l  
RT: 11.118 min Scan# 1705  
Delta R.T. -0.000 min  
Lab File: VX020911.D  
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VX0225WBL01

Tgt Ion: 95 Resp: 83536  
Ion Ratio Lower Upper  
95 100  
174 73.0 63.0 94.4  
176 68.4 59.9 89.9



#63  
Toluene-d8  
Concen: 29.89 ug/l  
RT: 8.694 min Scan# 1293  
Delta R.T. -0.000 min  
Lab File: VX020911.D  
Acq: 25 Feb 2021 14:08

Tgt Ion: 98 Resp: 240717  
Ion Ratio Lower Upper  
98 100  
100 67.2 53.0 79.4

