

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN020321\  
 Data File : VN065702.D  
 Acq On : 3 Feb 2021 15:51  
 Operator : JC/MD  
 Sample : VN0203WBL01  
 Misc : 5.00mL/MSVOA\_N/WATER  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0203WBL01

Quant Time: Feb 04 04:18:41 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\624N020321W.M  
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS  
 QLast Update : Wed Feb 03 14:50:04 2021  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon  | Response | Conc     | Units | Dev(Min) |
|-----------------------------|--------|-------|----------|----------|-------|----------|
| -----                       |        |       |          |          |       |          |
| Internal Standards          |        |       |          |          |       |          |
| 1) Bromochloromethane       | 7.148  | 128   | 27320    | 30.00    | ug/l  | 0.00     |
| 28) 1,4-Difluorobenzene     | 8.547  | 114   | 157889   | 30.00    | ug/l  | 0.00     |
| 57) Chlorobenzene-d5        | 11.376 | 117   | 131356   | 30.00    | ug/l  | 0.00     |
| System Monitoring Compounds |        |       |          |          |       |          |
| 27) 1,2-Dichloroethane-d4   | 7.987  | 65    | 59845    | 31.58    | ug/l  | 0.00     |
| Spiked Amount               | 30.000 | Range | 91 - 110 | Recovery | =     | 105.27%  |
| 60) 4-Bromofluorobenzene    | 12.373 | 95    | 55152    | 25.81    | ug/l  | 0.00     |
| Spiked Amount               | 30.000 | Range | 63 - 112 | Recovery | =     | 86.03%   |
| 63) Toluene-d8              | 10.058 | 98    | 197229   | 31.23    | ug/l  | 0.00     |
| Spiked Amount               | 30.000 | Range | 91 - 112 | Recovery | =     | 104.10%  |

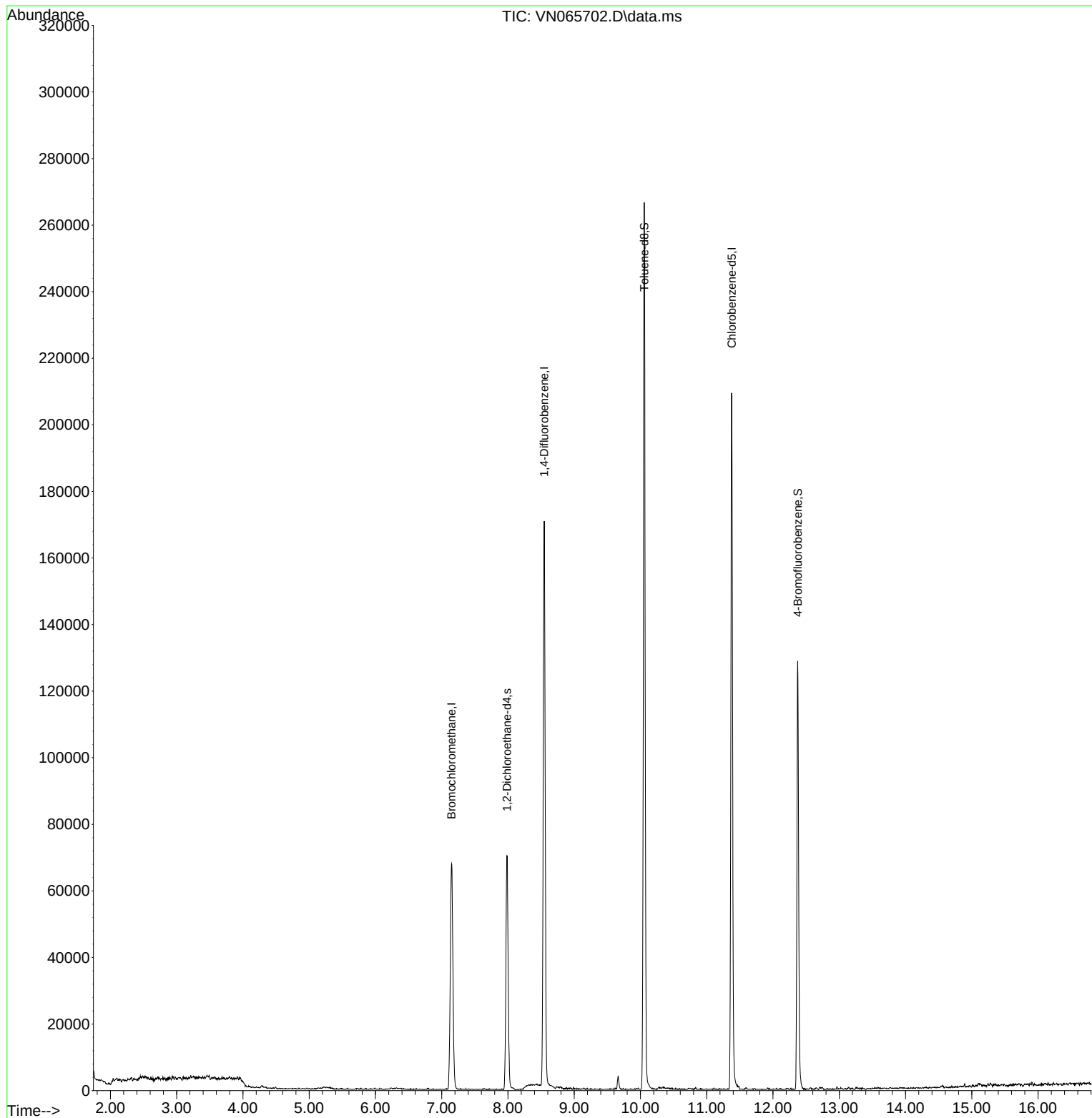
| Target Compounds | Qvalue |
|------------------|--------|
| -----            |        |

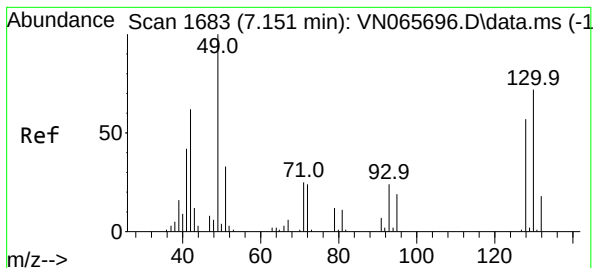
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

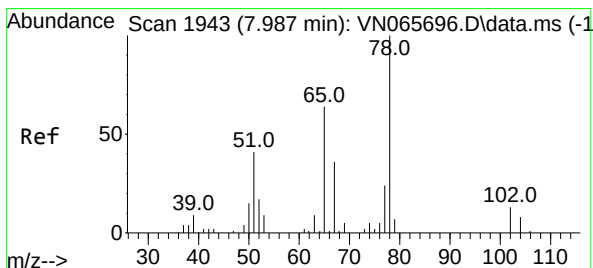
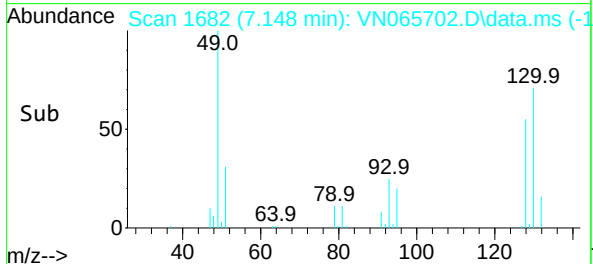
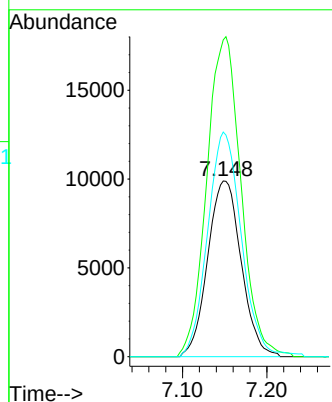
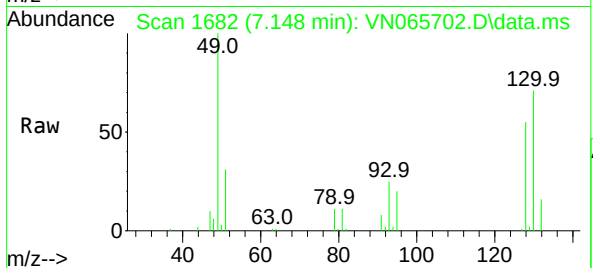




#1  
Bromochloromethane  
Concen: 30.00 ug/l  
RT: 7.148 min Scan# 1682  
Delta R.T. -0.003 min  
Lab File: VN065702.D  
Acq: 3 Feb 2021 15:51

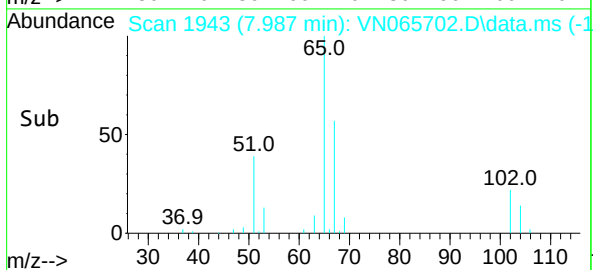
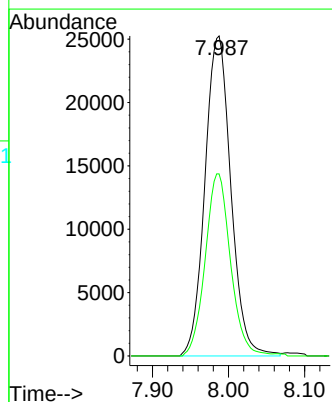
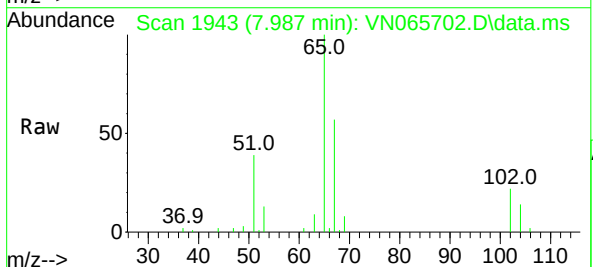
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0203WBL01

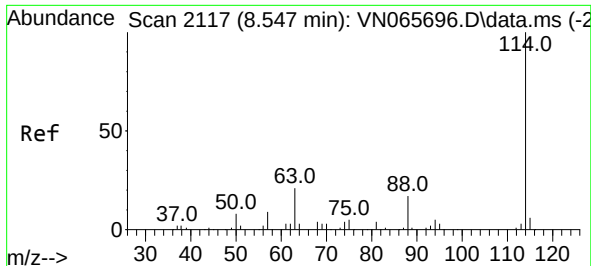
Tgt Ion:128 Resp: 27320  
Ion Ratio Lower Upper  
128 100  
49 185.5 0.0 355.0  
130 127.7 0.0 325.5



#27  
1,2-Dichloroethane-d4  
Concen: 31.58 ug/l  
RT: 7.987 min Scan# 1943  
Delta R.T. 0.000 min  
Lab File: VN065702.D  
Acq: 3 Feb 2021 15:51

Tgt Ion: 65 Resp: 59845  
Ion Ratio Lower Upper  
65 100  
67 55.4 42.8 64.2

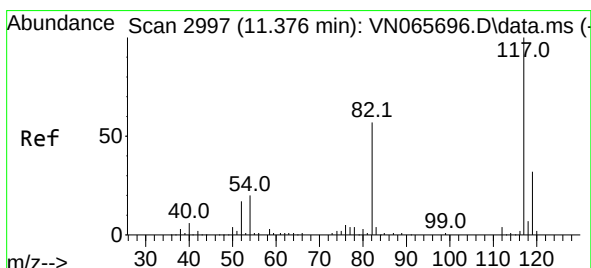
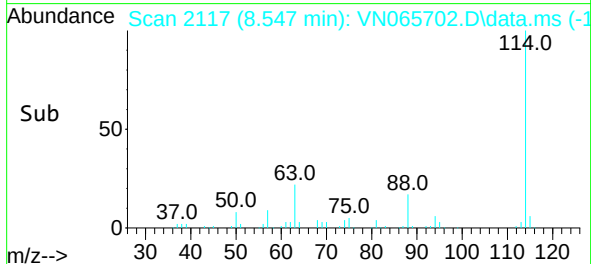
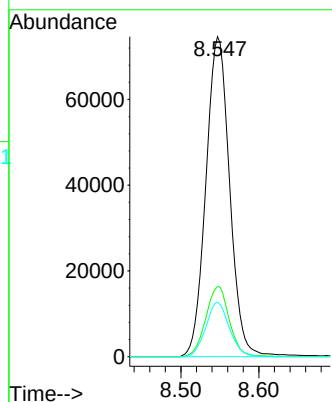
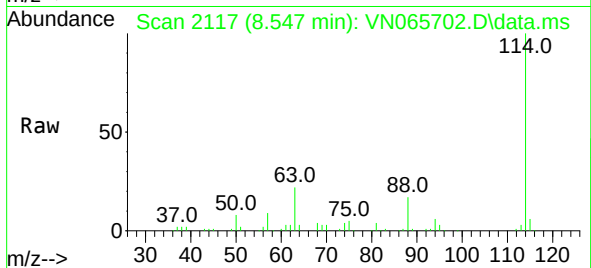




#28  
1,4-Difluorobenzene  
Concen: 30.00 ug/l  
RT: 8.547 min Scan# 2117  
Delta R.T. 0.000 min  
Lab File: VN065702.D  
Acq: 3 Feb 2021 15:51

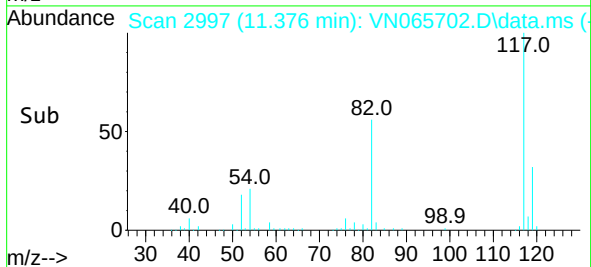
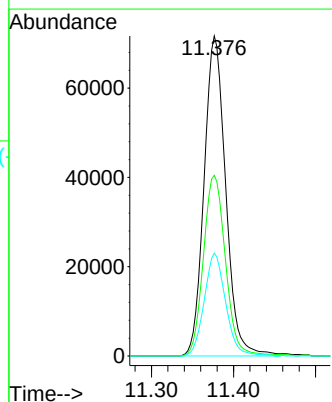
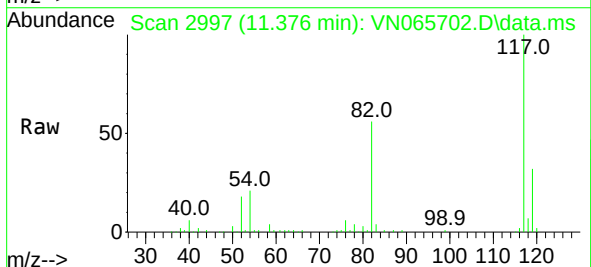
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0203WBL01

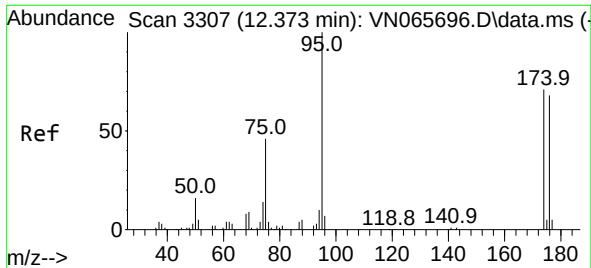
Tgt Ion:114 Resp: 157889  
Ion Ratio Lower Upper  
114 100  
63 21.7 14.7 22.1  
88 16.9 11.7 17.5



#57  
Chlorobenzene-d5  
Concen: 30.00 ug/l  
RT: 11.376 min Scan# 2997  
Delta R.T. 0.000 min  
Lab File: VN065702.D  
Acq: 3 Feb 2021 15:51

Tgt Ion:117 Resp: 131356  
Ion Ratio Lower Upper  
117 100  
82 57.5 41.3 61.9  
119 31.8 25.7 38.5

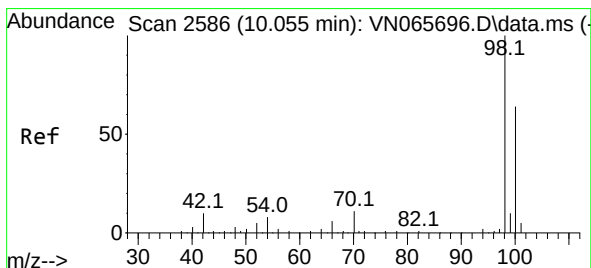
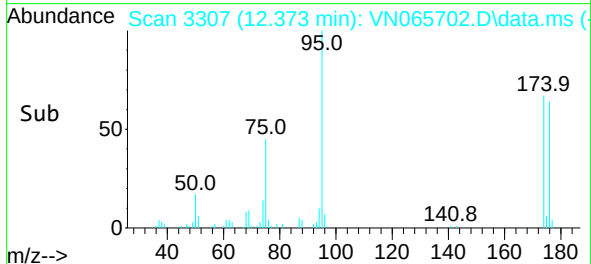
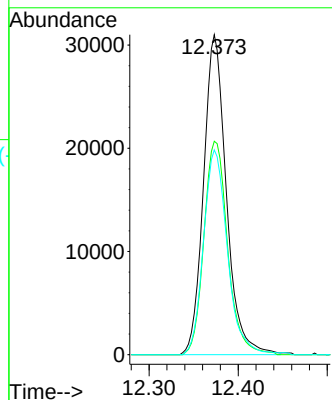
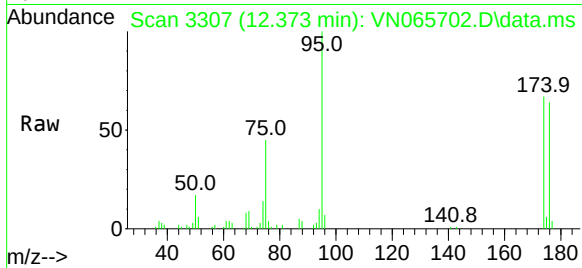




#60  
4-Bromofluorobenzene  
Concen: 25.81 ug/l  
RT: 12.373 min Scan# 3307  
Delta R.T. 0.000 min  
Lab File: VN065702.D  
Acq: 3 Feb 2021 15:51

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0203WBL01

Tgt Ion: 95 Resp: 55152  
Ion Ratio Lower Upper  
95 100  
174 69.3 77.0 115.6#  
176 66.9 75.8 113.6#



#63  
Toluene-d8  
Concen: 31.23 ug/l  
RT: 10.058 min Scan# 2587  
Delta R.T. 0.004 min  
Lab File: VN065702.D  
Acq: 3 Feb 2021 15:51

Tgt Ion: 98 Resp: 197229  
Ion Ratio Lower Upper  
98 100  
100 63.1 51.9 77.9

