

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN112221\  
 Data File : VN069603.D  
 Acq On : 22 Nov 2021 12:04  
 Operator : JC/MD  
 Sample : VN1122WBL01  
 Misc : 5.00mL/MSVOA\_N/WATER  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN1122WBL01

Quant Time: Nov 23 03:49:29 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\624N111021W.M  
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS  
 QLast Update : Wed Nov 10 14:36:17 2021  
 Response via : Initial Calibration

| Compound                | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------|--------|------|----------|--------|-------|----------|
| -----                   |        |      |          |        |       |          |
| Internal Standards      |        |      |          |        |       |          |
| 1) Bromochloromethane   | 7.659  | 128  | 205672   | 30.000 | ug/l  | 0.00     |
| 28) 1,4-Difluorobenzene | 8.968  | 114  | 1160626  | 30.000 | ug/l  | 0.00     |
| 57) Chlorobenzene-d5    | 11.747 | 117  | 981913   | 30.000 | ug/l  | 0.00     |

|                             |        |       |          |          |      |          |
|-----------------------------|--------|-------|----------|----------|------|----------|
| System Monitoring Compounds |        |       |          |          |      |          |
| 27) 1,2-Dichloroethane-d4   | 8.440  | 65    | 565142   | 31.683   | ug/l | 0.00     |
| Spiked Amount               | 30.000 | Range | 91 - 110 | Recovery | =    | 105.600% |
| 60) 4-Bromofluorobenzene    | 12.734 | 95    | 379764   | 24.168   | ug/l | 0.00     |
| Spiked Amount               | 30.000 | Range | 63 - 112 | Recovery | =    | 80.567%  |
| 63) Toluene-d8              | 10.443 | 98    | 1405296  | 30.996   | ug/l | 0.00     |
| Spiked Amount               | 30.000 | Range | 91 - 112 | Recovery | =    | 103.333% |

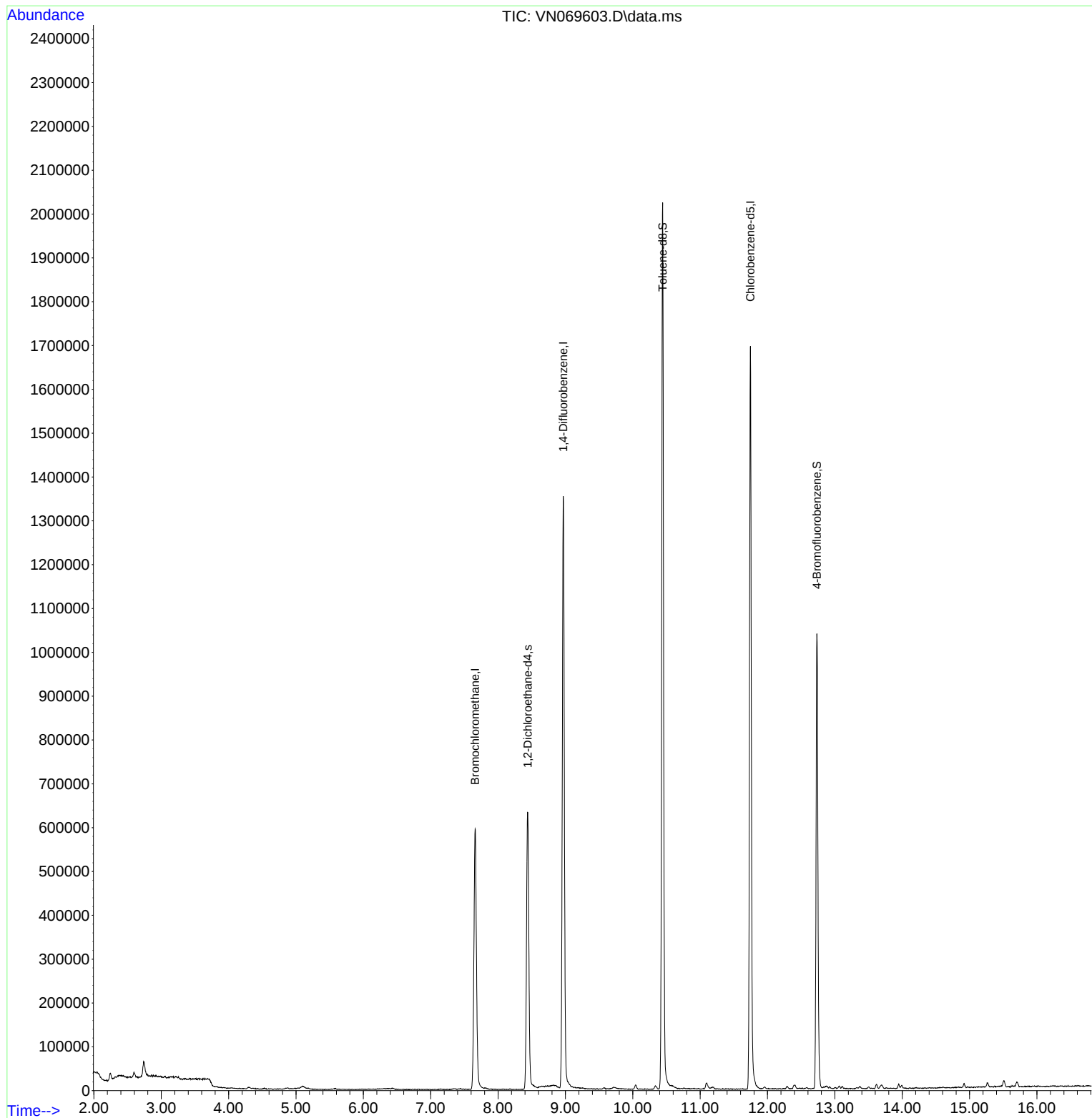
| Target Compounds | Qvalue |
|------------------|--------|
| -----            |        |

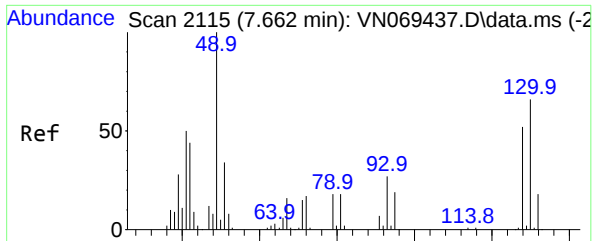
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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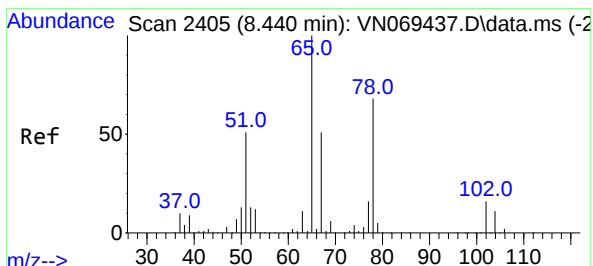
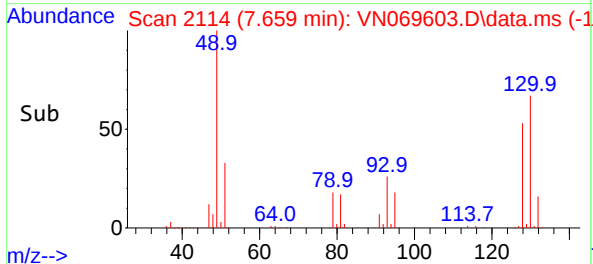
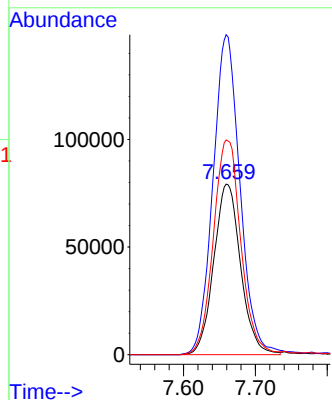
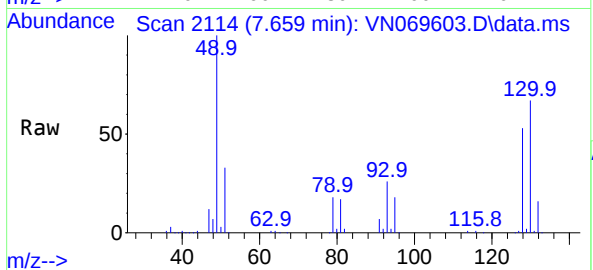




#1  
Bromochloromethane  
Concen: 30.000 ug/l  
RT: 7.659 min Scan# 2114  
Delta R.T. -0.003 min  
Lab File: VN069603.D  
Acq: 22 Nov 2021 12:04

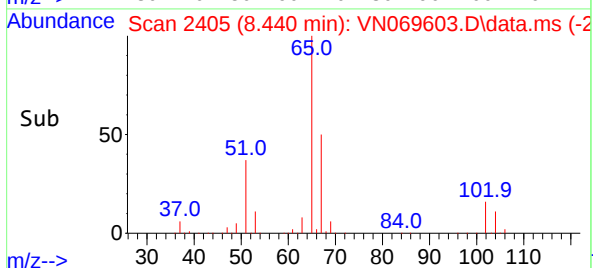
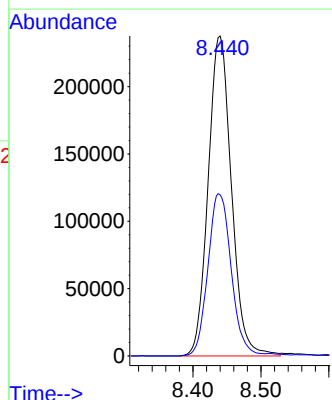
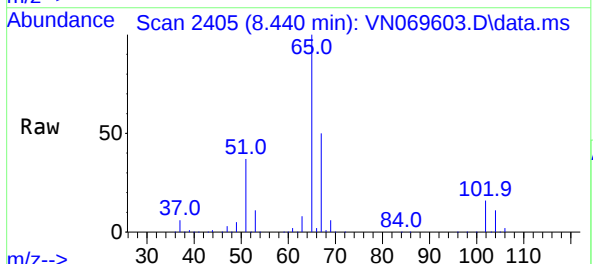
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1122WBL01

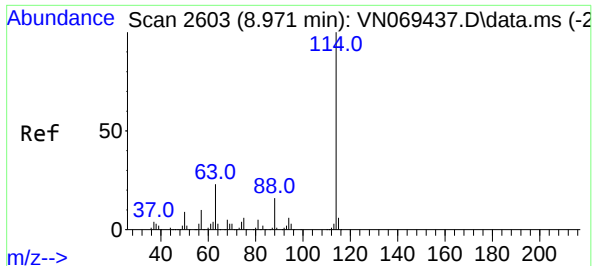
Tgt Ion:128 Resp: 205672  
Ion Ratio Lower Upper  
128 100  
49 189.5 0.0 392.3  
130 128.7 0.0 320.2



#27  
1,2-Dichloroethane-d4  
Concen: 31.683 ug/l  
RT: 8.440 min Scan# 2405  
Delta R.T. 0.000 min  
Lab File: VN069603.D  
Acq: 22 Nov 2021 12:04

Tgt Ion: 65 Resp: 565142  
Ion Ratio Lower Upper  
65 100  
67 50.8 40.2 60.2

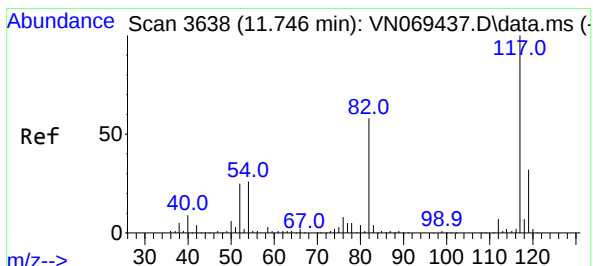
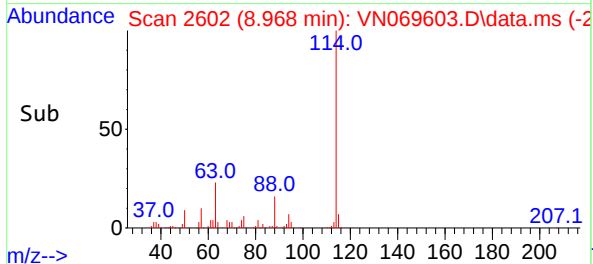
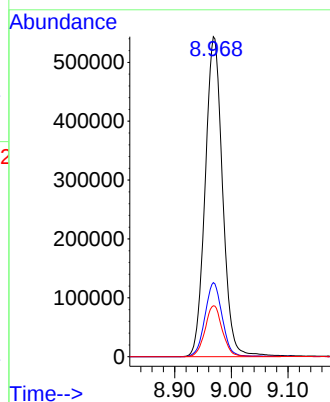
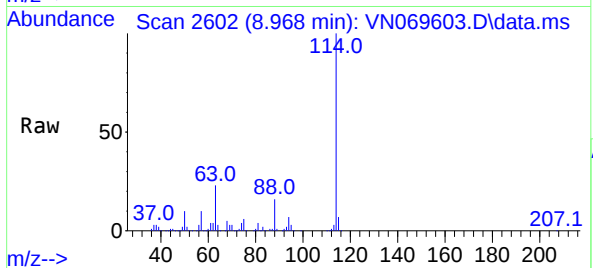




#28  
1,4-Difluorobenzene  
Concen: 30.000 ug/l  
RT: 8.968 min Scan# 2603  
Delta R.T. -0.002 min  
Lab File: VN069603.D  
Acq: 22 Nov 2021 12:04

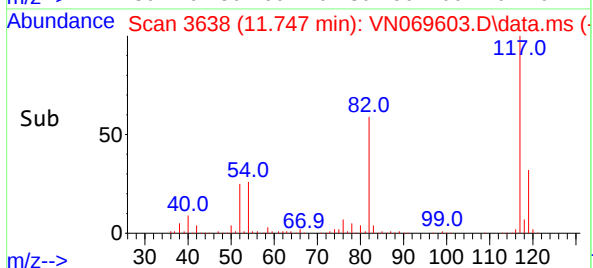
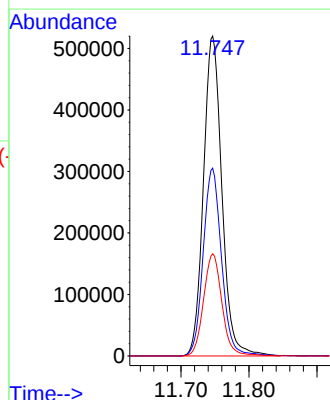
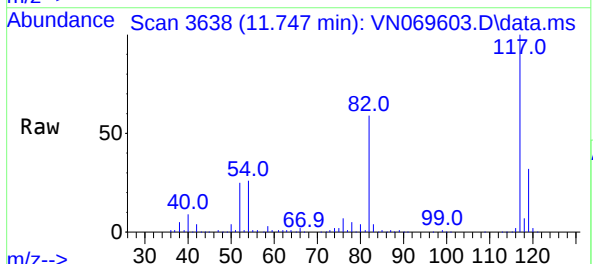
Instrument :  
MSVOA\_N  
ClientSampleId :  
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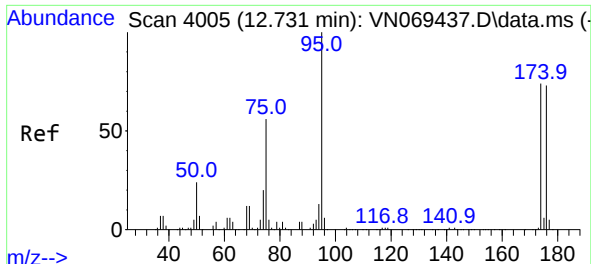
Tgt Ion:114 Resp: 1160626  
Ion Ratio Lower Upper  
114 100  
63 22.9 15.8 23.6  
88 15.8 11.6 17.4



#57  
Chlorobenzene-d5  
Concen: 30.000 ug/l  
RT: 11.747 min Scan# 3638  
Delta R.T. 0.000 min  
Lab File: VN069603.D  
Acq: 22 Nov 2021 12:04

Tgt Ion:117 Resp: 981913  
Ion Ratio Lower Upper  
117 100  
82 58.4 43.6 65.4  
119 31.5 25.8 38.6

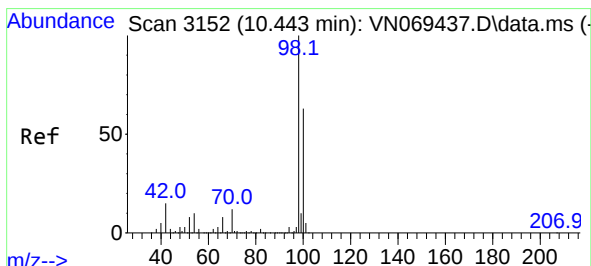
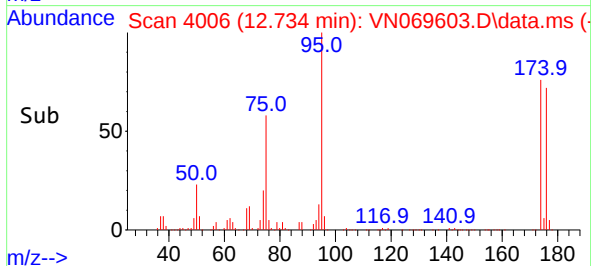
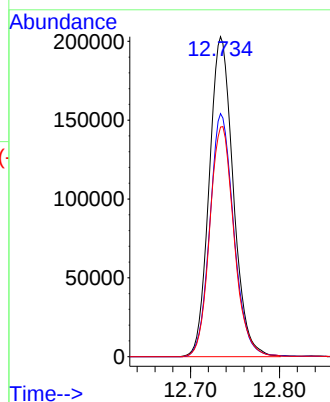
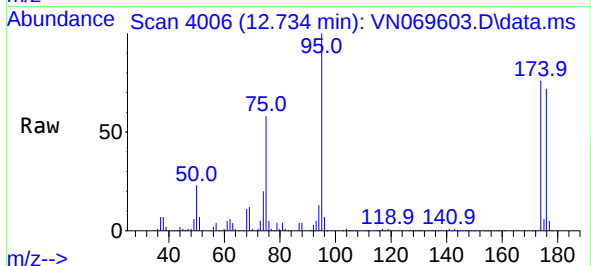




#60  
4-Bromofluorobenzene  
Concen: 24.168 ug/l  
RT: 12.734 min Scan# 4005  
Delta R.T. 0.000 min  
Lab File: VN069603.D  
Acq: 22 Nov 2021 12:04

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1122WBL01

Tgt Ion: 95 Resp: 379764  
Ion Ratio Lower Upper  
95 100  
174 75.9 62.9 94.3  
176 72.9 61.0 91.4



#63  
Toluene-d8  
Concen: 30.996 ug/l  
RT: 10.443 min Scan# 3152  
Delta R.T. 0.000 min  
Lab File: VN069603.D  
Acq: 22 Nov 2021 12:04

Tgt Ion: 98 Resp: 1405296  
Ion Ratio Lower Upper  
98 100  
100 63.5 50.6 76.0

