

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN061121\  
 Data File : VN067313.D  
 Acq On : 12 Jun 2021 3:37  
 Operator : JC/MD  
 Sample : M2699-02  
 Misc : 5.00mL/MSVOA\_N/WATER  
 ALS Vial : 42 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 002-35TH-AVE(JUNE)

Quant Time: Jun 12 09:29:43 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\624N061121W.M  
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS  
 QLast Update : Sat Jun 12 09:13:15 2021  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon  | Response | Conc     | Units | Dev(Min) |
|-----------------------------|--------|-------|----------|----------|-------|----------|
| -----                       |        |       |          |          |       |          |
| Internal Standards          |        |       |          |          |       |          |
| 1) Bromochloromethane       | 7.659  | 128   | 66604    | 30.000   | ug/l  | 0.00     |
| 28) 1,4-Difluorobenzene     | 8.971  | 114   | 397275   | 30.000   | ug/l  | 0.00     |
| 57) Chlorobenzene-d5        | 11.747 | 117   | 357033   | 30.000   | ug/l  | 0.00     |
| System Monitoring Compounds |        |       |          |          |       |          |
| 27) 1,2-Dichloroethane-d4   | 8.440  | 65    | 212971   | 30.427   | ug/l  | 0.00     |
| Spiked Amount               | 30.000 | Range | 91 - 110 | Recovery | =     | 101.433% |
| 60) 4-Bromofluorobenzene    | 12.734 | 95    | 192612   | 27.944   | ug/l  | 0.00     |
| Spiked Amount               | 30.000 | Range | 63 - 112 | Recovery | =     | 93.133%  |
| 63) Toluene-d8              | 10.443 | 98    | 521424   | 30.623   | ug/l  | 0.00     |
| Spiked Amount               | 30.000 | Range | 91 - 112 | Recovery | =     | 102.067% |

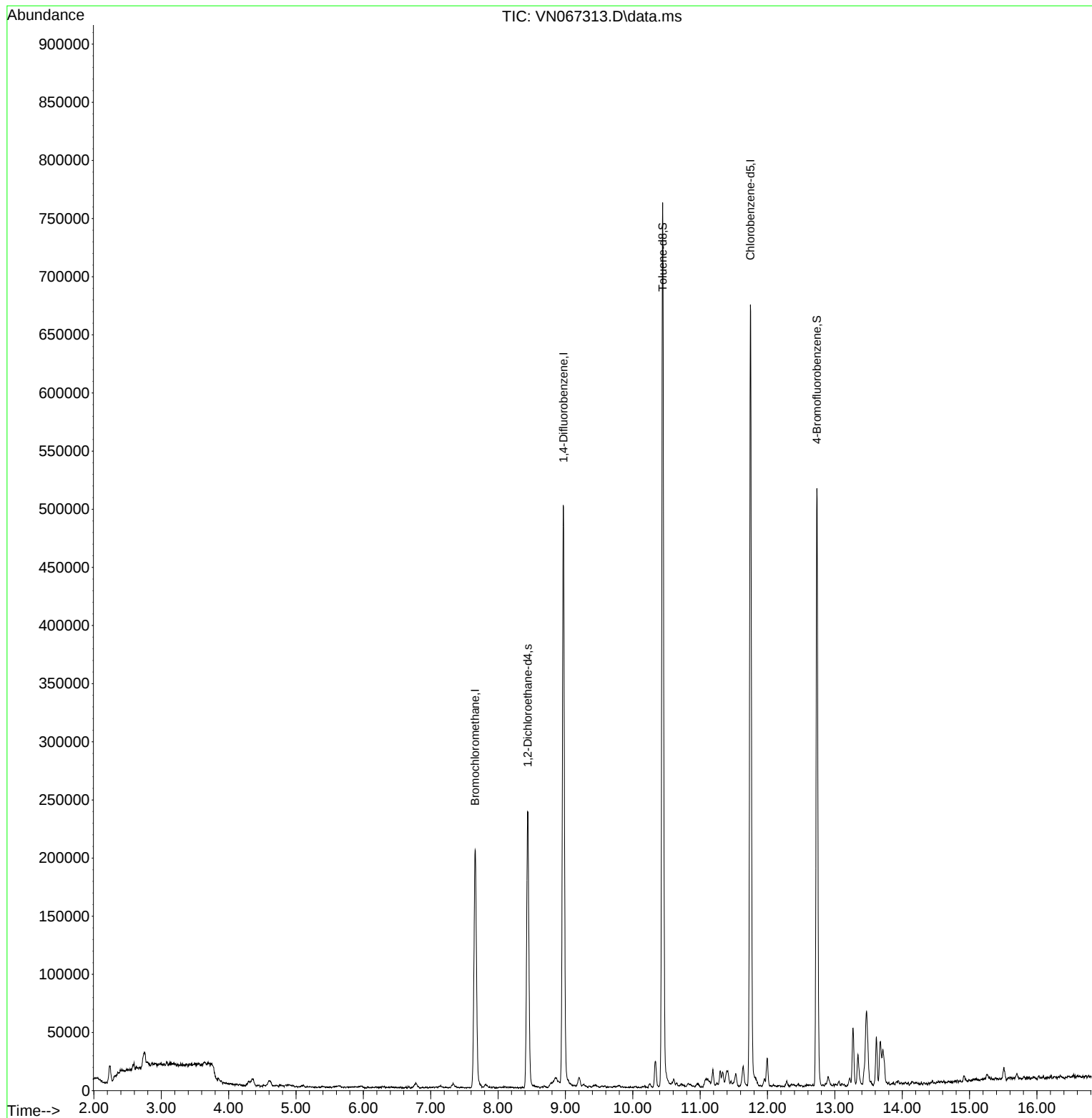
| Target Compounds | Qvalue |
|------------------|--------|
| -----            |        |

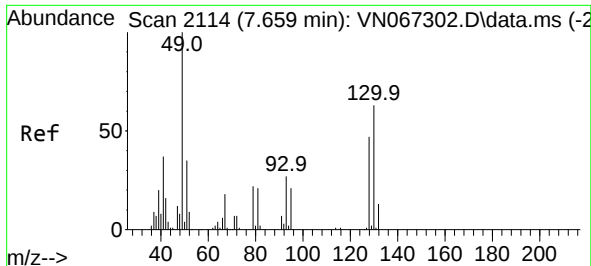
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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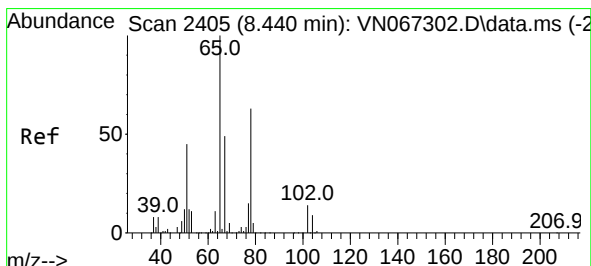
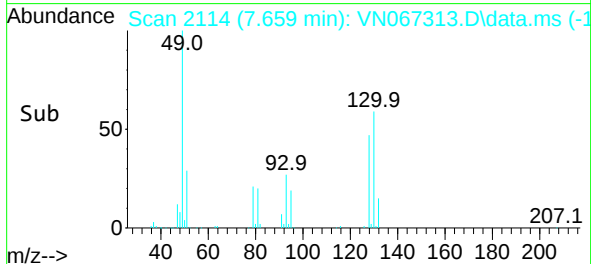
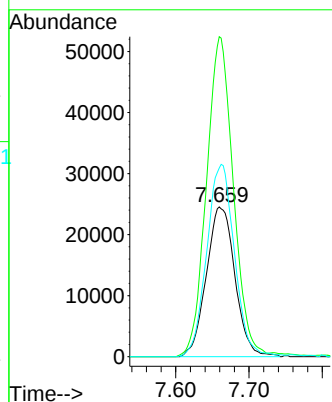
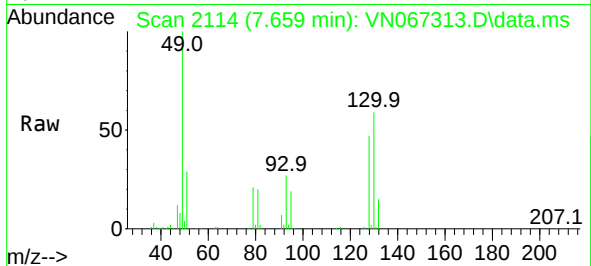




#1  
Bromochloromethane  
Concen: 30.000 ug/l  
RT: 7.659 min Scan# 2114  
Delta R.T. 0.000 min  
Lab File: VN067313.D  
Acq: 12 Jun 2021 3:37

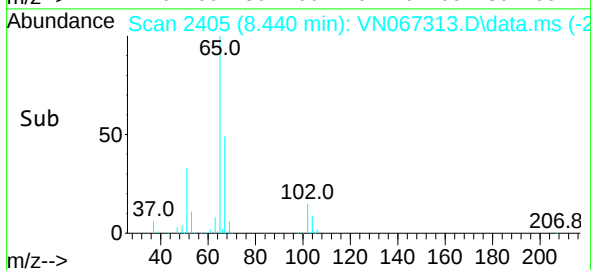
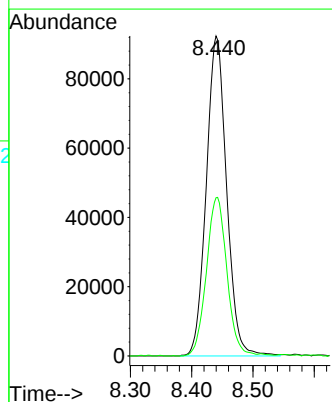
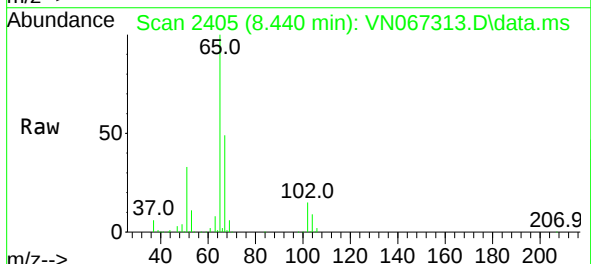
Instrument :  
MSVOA\_N  
ClientSampleId :  
002-35TH-AVE(JUNE)

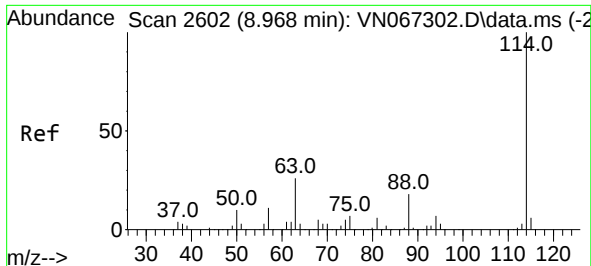
Tgt Ion:128 Resp: 66604  
Ion Ratio Lower Upper  
128 100  
49 199.9 0.0 517.5  
130 124.2 0.0 325.8



#27  
1,2-Dichloroethane-d4  
Concen: 30.427 ug/l  
RT: 8.440 min Scan# 2405  
Delta R.T. 0.000 min  
Lab File: VN067313.D  
Acq: 12 Jun 2021 3:37

Tgt Ion: 65 Resp: 212971  
Ion Ratio Lower Upper  
65 100  
67 50.0 39.8 59.8

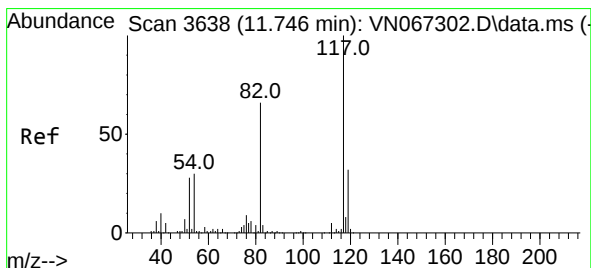
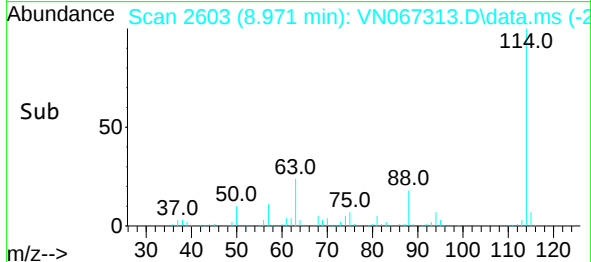
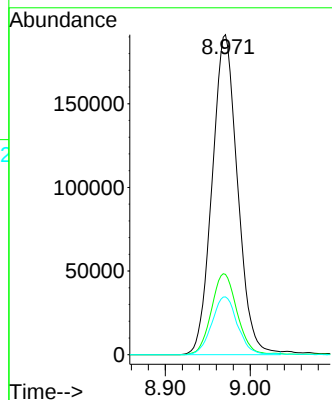
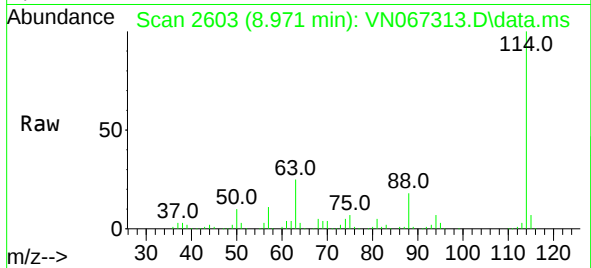




#28  
1,4-Difluorobenzene  
Concen: 30.000 ug/l  
RT: 8.971 min Scan# 2603  
Delta R.T. 0.003 min  
Lab File: VN067313.D  
Acq: 12 Jun 2021 3:37

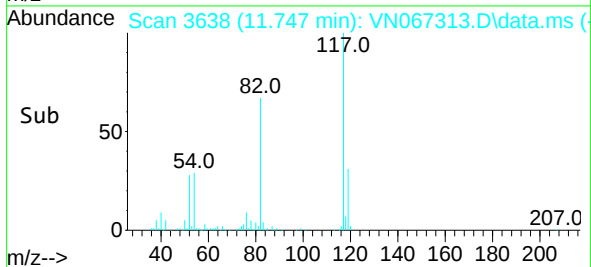
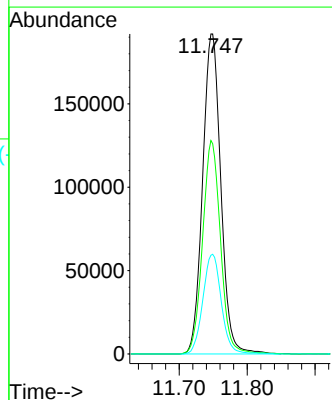
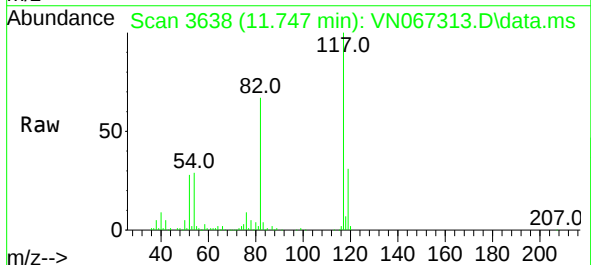
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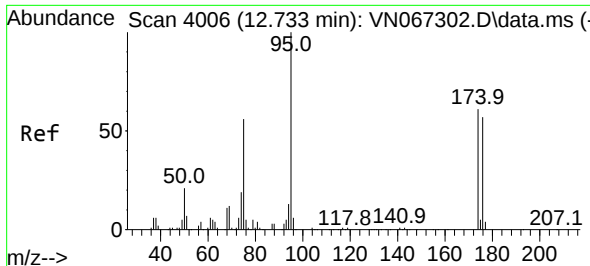
Tgt Ion:114 Resp: 397275  
Ion Ratio Lower Upper  
114 100  
63 25.5 20.3 30.5  
88 18.2 14.6 22.0



#57  
Chlorobenzene-d5  
Concen: 30.000 ug/l  
RT: 11.747 min Scan# 3638  
Delta R.T. 0.000 min  
Lab File: VN067313.D  
Acq: 12 Jun 2021 3:37

Tgt Ion:117 Resp: 357033  
Ion Ratio Lower Upper  
117 100  
82 65.6 52.5 78.7  
119 31.4 25.8 38.8

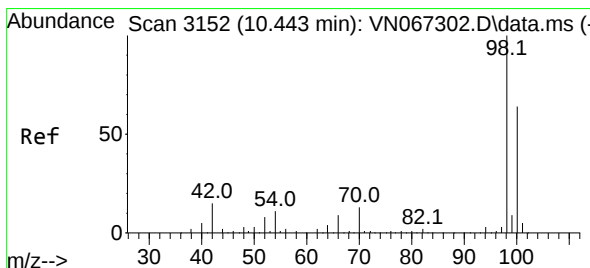
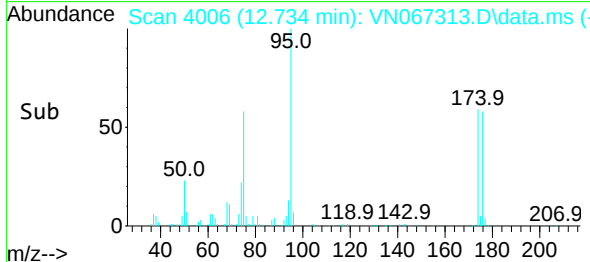
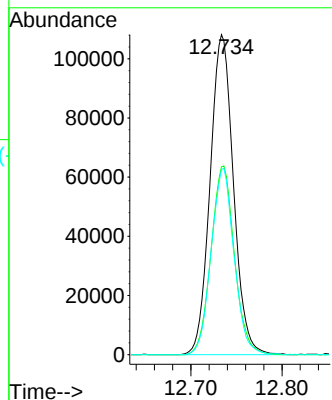
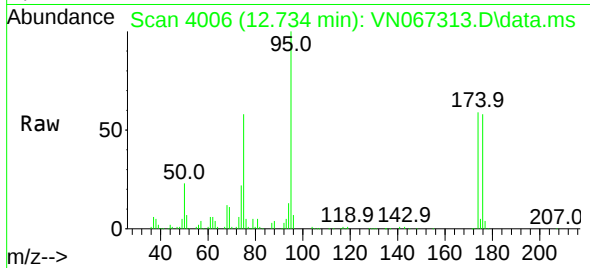




#60  
4-Bromofluorobenzene  
Concen: 27.944 ug/l  
RT: 12.734 min Scan# 4006  
Delta R.T. 0.000 min  
Lab File: VN067313.D  
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Tgt Ion: 95 Resp: 192612  
Ion Ratio Lower Upper  
95 100  
174 59.0 47.7 71.5  
176 57.2 45.7 68.5



#63  
Toluene-d8  
Concen: 30.623 ug/l  
RT: 10.443 min Scan# 3152  
Delta R.T. 0.000 min  
Lab File: VN067313.D  
Acq: 12 Jun 2021 3:37

Tgt Ion: 98 Resp: 521424  
Ion Ratio Lower Upper  
98 100  
100 63.8 51.2 76.8

