

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN061121\  
 Data File : VN067312.D  
 Acq On : 12 Jun 2021 3:13  
 Operator : JC/MD  
 Sample : M2699-01  
 Misc : 5.00mL/MSVOA\_N/WATER  
 ALS Vial : 41 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 001-WILLETS-PT-BLVD(JUNE)

Quant Time: Jun 12 09:29:28 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

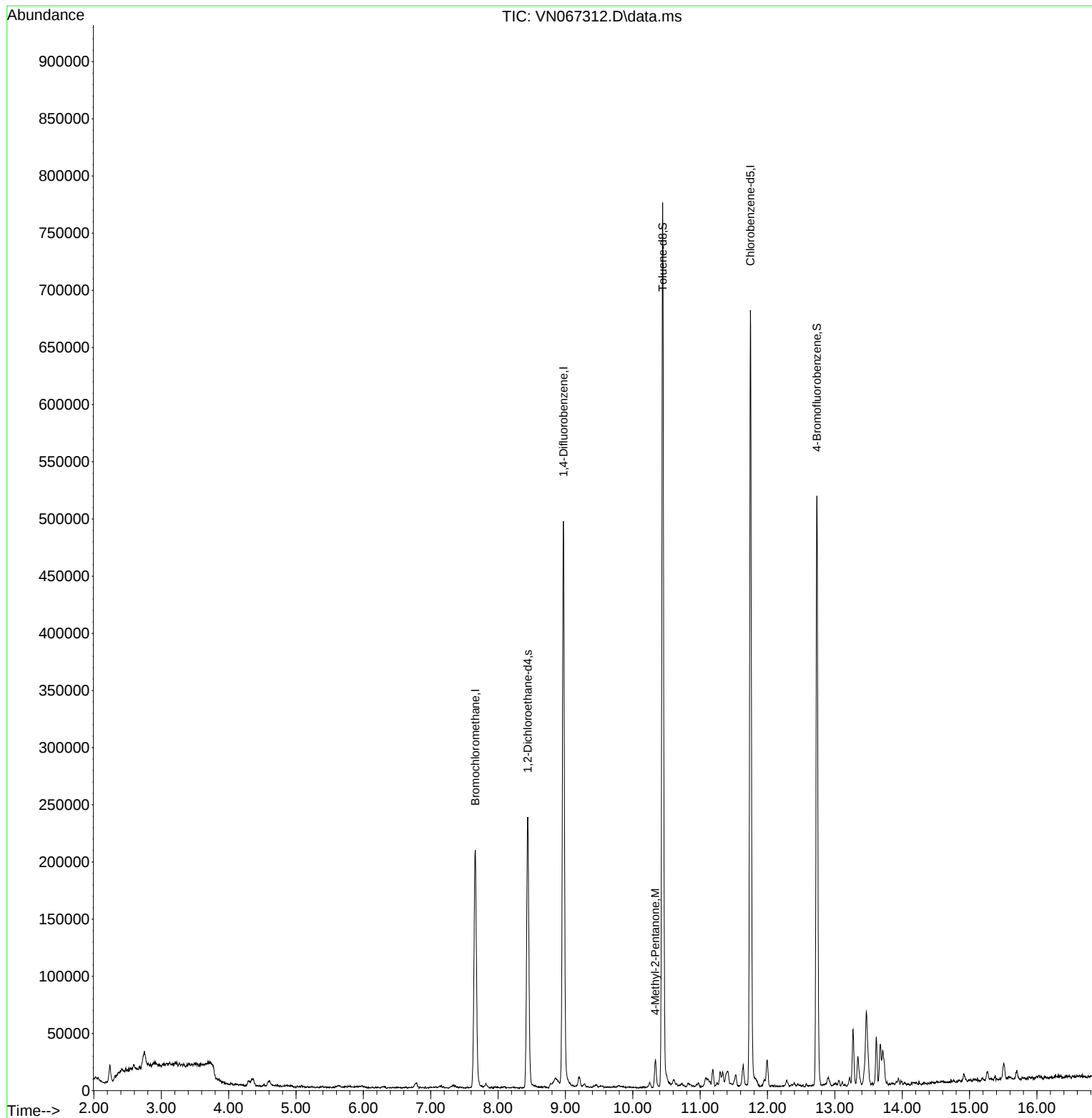
| Compound                    | R.T.   | QIon  | Response | Conc     | Units | Dev(Min)    |
|-----------------------------|--------|-------|----------|----------|-------|-------------|
| -----                       |        |       |          |          |       |             |
| Internal Standards          |        |       |          |          |       |             |
| 1) Bromochloromethane       | 7.662  | 128   | 64828    | 30.000   | ug/l  | 0.00        |
| 28) 1,4-Difluorobenzene     | 8.971  | 114   | 396976   | 30.000   | ug/l  | 0.00        |
| 57) Chlorobenzene-d5        | 11.746 | 117   | 357955   | 30.000   | ug/l  | 0.00        |
| System Monitoring Compounds |        |       |          |          |       |             |
| 27) 1,2-Dichloroethane-d4   | 8.440  | 65    | 210450   | 30.890   | ug/l  | 0.00        |
| Spiked Amount               | 30.000 | Range | 91 - 110 | Recovery | =     | 102.967%    |
| 60) 4-Bromofluorobenzene    | 12.733 | 95    | 195307   | 28.262   | ug/l  | 0.00        |
| Spiked Amount               | 30.000 | Range | 63 - 112 | Recovery | =     | 94.200%     |
| 63) Toluene-d8              | 10.443 | 98    | 518749   | 30.387   | ug/l  | 0.00        |
| Spiked Amount               | 30.000 | Range | 91 - 112 | Recovery | =     | 101.300%    |
| Target Compounds            |        |       |          |          |       |             |
| 58) 4-Methyl-2-Pentanone    | 10.336 | 43    | 16963    | 2.156    | ug/l  | Qvalue # 89 |
| -----                       |        |       |          |          |       |             |

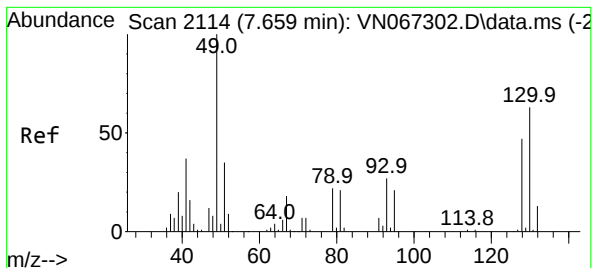
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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001-WILLETS-PT-BLVD(JUNE)

Quant Time: Jun 12 09:29:28 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



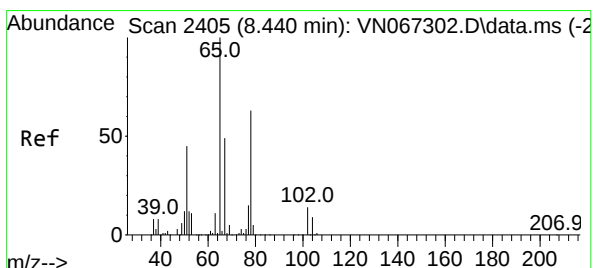
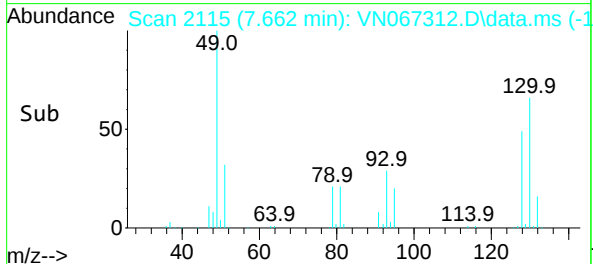
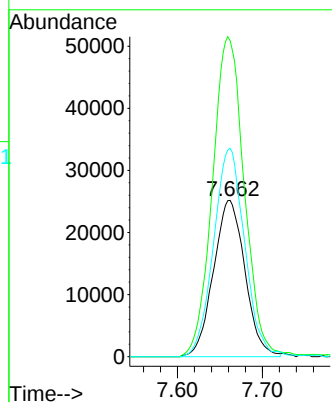
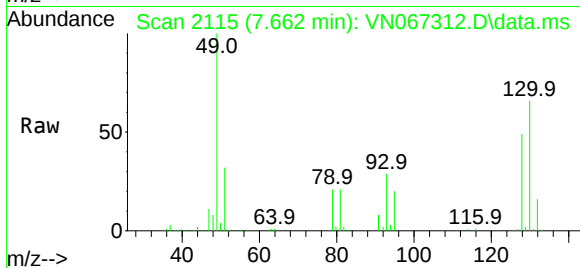


#1

Bromochloromethane  
Concen: 30.000 ug/l  
RT: 7.662 min Scan# 2115  
Delta R.T. 0.003 min  
Lab File: VN067312.D  
Acq: 12 Jun 2021 3:13

Instrument :  
MSVOA\_N  
ClientSampleId :  
001-WILLETS-PT-BLVD(JUNE)

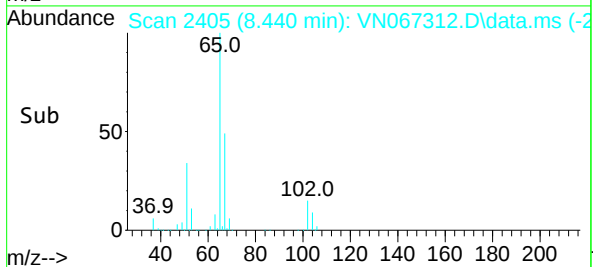
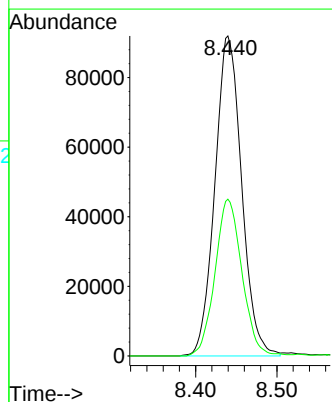
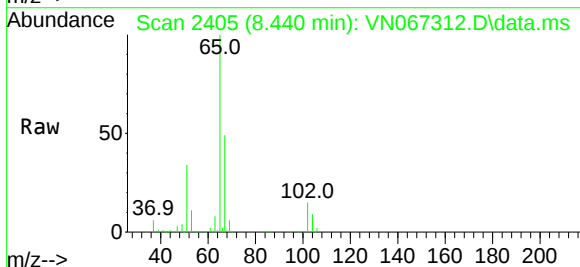
Tgt Ion:128 Resp: 64828  
Ion Ratio Lower Upper  
128 100  
49 206.2 0.0 517.5  
130 130.8 0.0 325.8

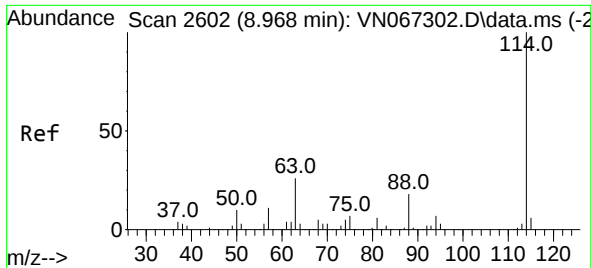


#27

1,2-Dichloroethane-d4  
Concen: 30.890 ug/l  
RT: 8.440 min Scan# 2405  
Delta R.T. -0.000 min  
Lab File: VN067312.D  
Acq: 12 Jun 2021 3:13

Tgt Ion: 65 Resp: 210450  
Ion Ratio Lower Upper  
65 100  
67 49.4 39.8 59.8

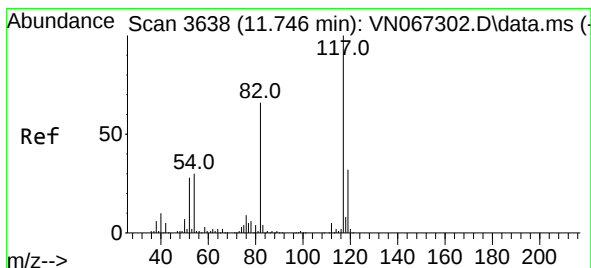
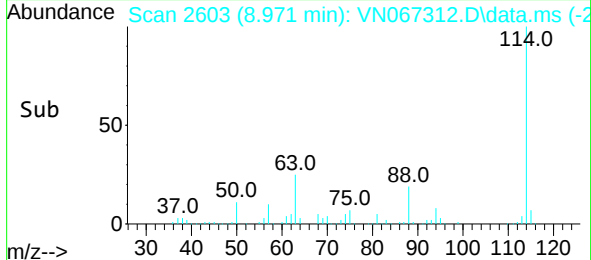
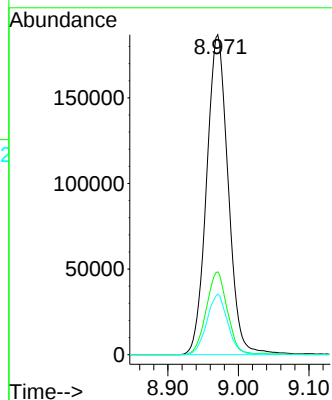
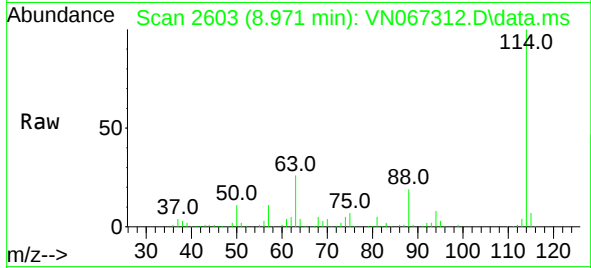




#28  
1,4-Difluorobenzene  
Concen: 30.000 ug/l  
RT: 8.971 min Scan# 2603  
Delta R.T. 0.003 min  
Lab File: VN067312.D  
Acq: 12 Jun 2021 3:13

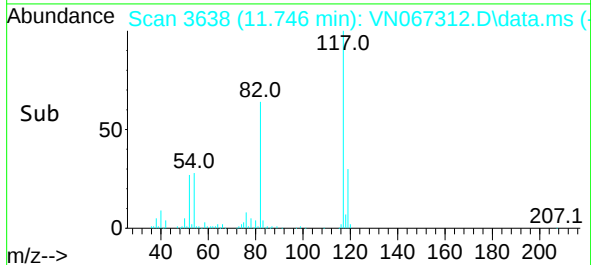
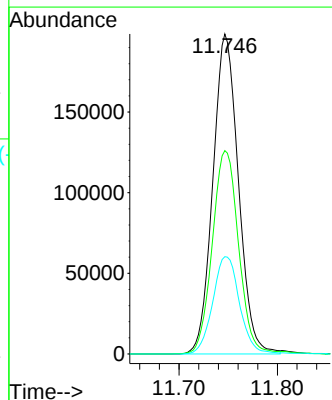
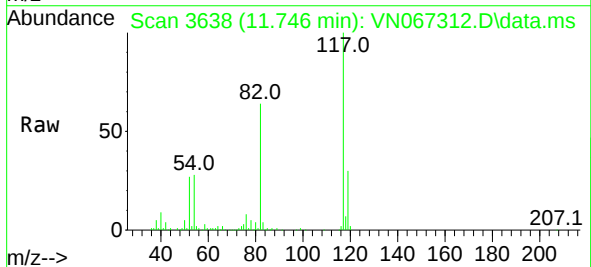
Instrument :  
MSVOA\_N  
ClientSampleId :  
001-WILLETS-PT-BLVD(JUNE)

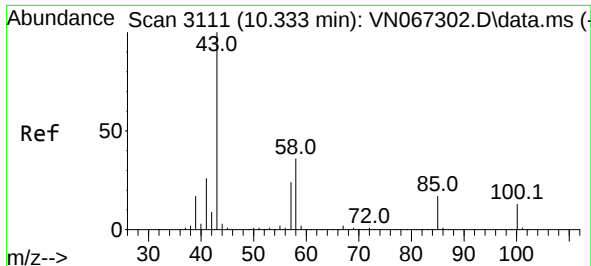
Tgt Ion:114 Resp: 396976  
Ion Ratio Lower Upper  
114 100  
63 25.3 20.3 30.5  
88 18.2 14.6 22.0



#57  
Chlorobenzene-d5  
Concen: 30.000 ug/l  
RT: 11.746 min Scan# 3638  
Delta R.T. -0.000 min  
Lab File: VN067312.D  
Acq: 12 Jun 2021 3:13

Tgt Ion:117 Resp: 357955  
Ion Ratio Lower Upper  
117 100  
82 65.0 52.5 78.7  
119 31.8 25.8 38.8

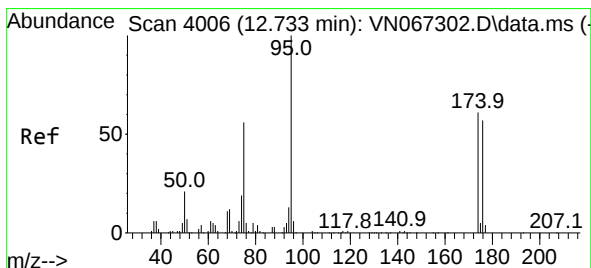
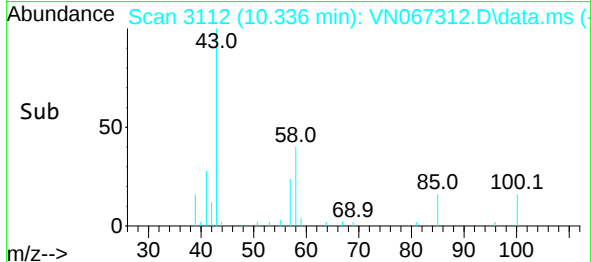
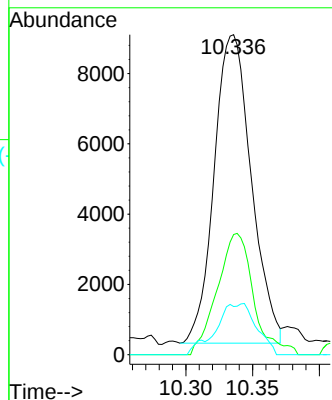
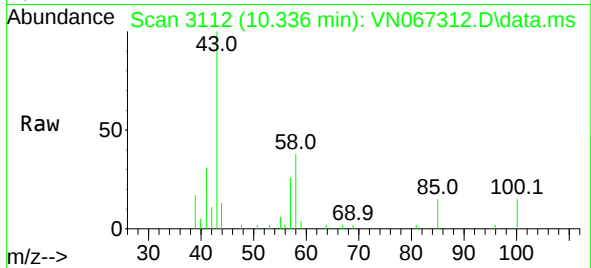




#58  
4-Methyl-2-Pentanone  
Concen: 2.156 ug/l  
RT: 10.336 min Scan# 3112  
Delta R.T. 0.003 min  
Lab File: VN067312.D  
Acq: 12 Jun 2021 3:13

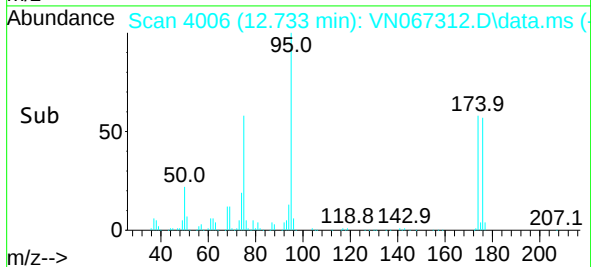
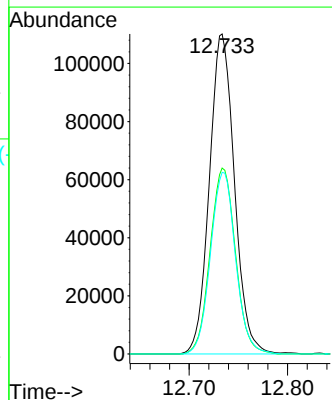
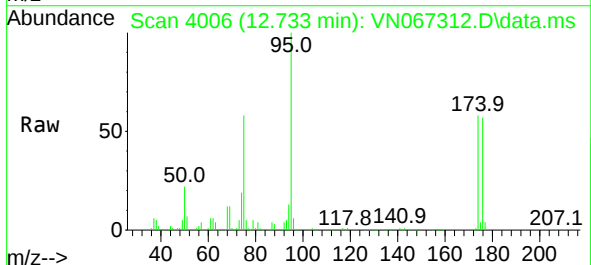
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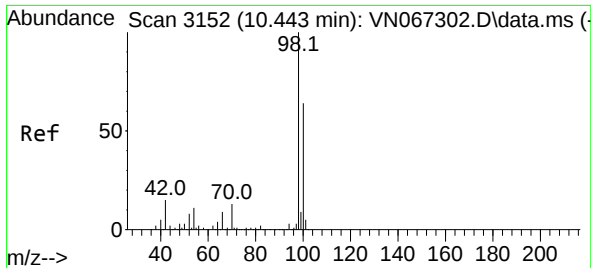
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 43    | Resp: | 16963 |
| Ion      | Ratio | Lower | Upper |
| 43       | 100   |       |       |
| 58       | 37.8  | 29.0  | 43.4  |
| 85       | 4.5   | 13.2  | 19.8# |



#60  
4-Bromofluorobenzene  
Concen: 28.262 ug/l  
RT: 12.733 min Scan# 4006  
Delta R.T. -0.000 min  
Lab File: VN067312.D  
Acq: 12 Jun 2021 3:13

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 95    | Resp: | 195307 |
| Ion      | Ratio | Lower | Upper  |
| 95       | 100   |       |        |
| 174      | 58.7  | 47.7  | 71.5   |
| 176      | 56.9  | 45.7  | 68.5   |





#63  
Toluene-d8  
Concen: 30.387 ug/l  
RT: 10.443 min Scan# 3152  
Delta R.T. -0.000 min  
Lab File: VN067312.D  
Acq: 12 Jun 2021 3:13

Instrument :  
MSVOA\_N  
ClientSampleId :  
001-WILLETS-PT-BLVD(JUNE)

Tgt Ion: 98 Resp: 518749  
Ion Ratio Lower Upper  
98 100  
100 63.3 51.2 76.8

