

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN081220\  
 Data File : VN062895.D  
 Acq On : 13 Aug 2020 7:34  
 Operator : JC/MD  
 Sample : L3648-11  
 Misc : 5.00mL/MSVOA N/WATER  
 ALS Vial : 51 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 BS-STOCK-6

Quant Time: Aug 13 07:59:28 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_N\METHODS\82N080520W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Aug 05 13:26:42 2020  
 Response via : Initial Calibration

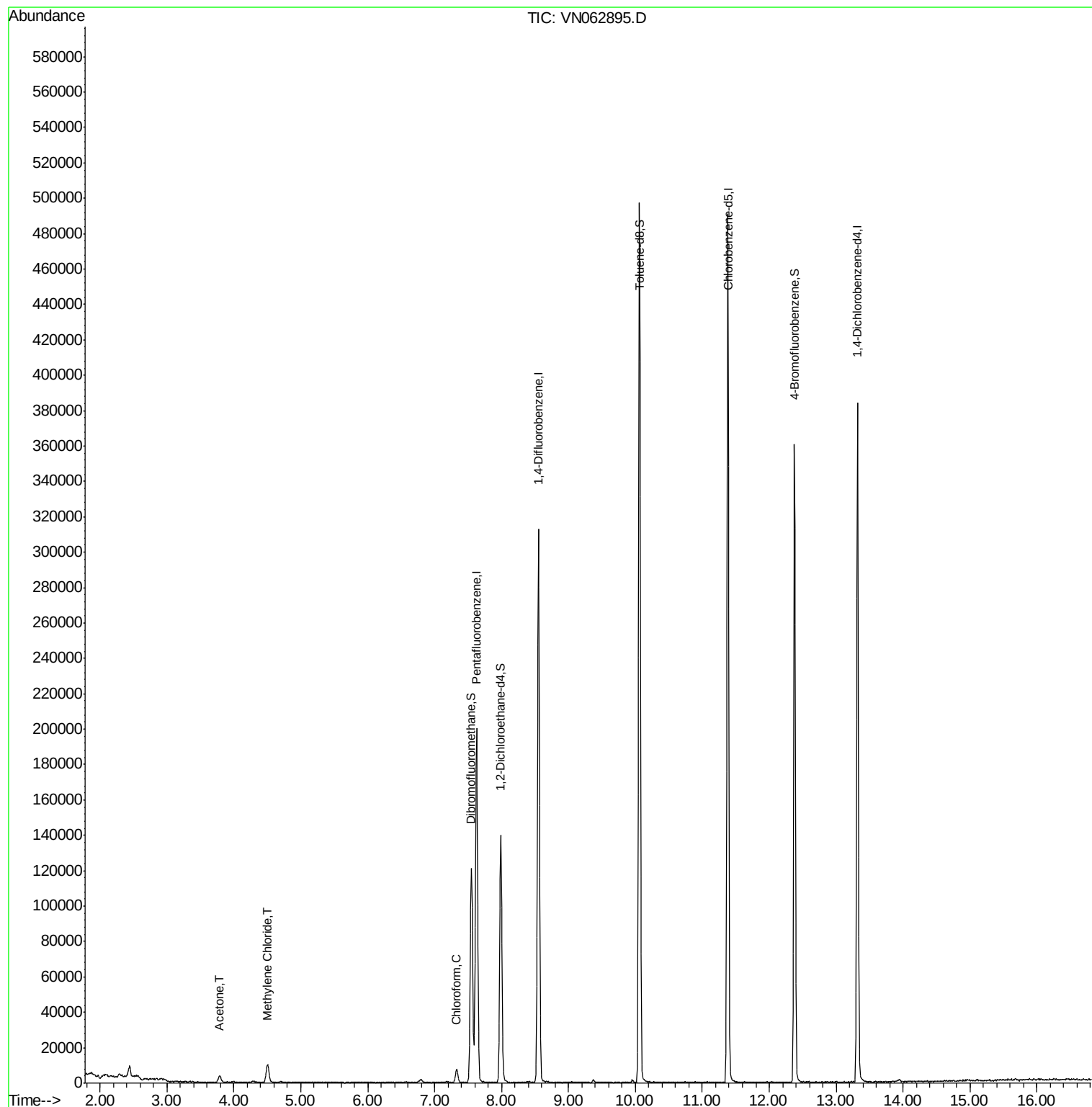
| Internal Standards          | R.T.  | QIon | Response | Conc  | Units   | Dev(Min) |
|-----------------------------|-------|------|----------|-------|---------|----------|
| 1) Pentafluorobenzene       | 7.63  | 168  | 151102   | 50.00 | ug/l    | 0.00     |
| 34) 1,4-Difluorobenzene     | 8.55  | 114  | 267874   | 50.00 | ug/l    | 0.00     |
| 63) Chlorobenzene-d5        | 11.38 | 117  | 274827   | 50.00 | ug/l    | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 13.32 | 152  | 104141   | 50.00 | ug/l    | 0.00     |
| System Monitoring Compounds |       |      |          |       |         |          |
| 33) 1,2-Dichloroethane-d4   | 7.99  | 65   | 127544   | 51.04 | ug/l    | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =     | 102.08% |          |
| 35) Dibromofluoromethane    | 7.55  | 113  | 93816    | 51.20 | ug/l    | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =     | 102.40% |          |
| 50) Toluene-d8              | 10.06 | 98   | 345332   | 48.27 | ug/l    | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =     | 96.54%  |          |
| 62) 4-Bromofluorobenzene    | 12.38 | 95   | 128421   | 47.50 | ug/l    | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =     | 95.00%  |          |
| Target Compounds            |       |      |          |       |         |          |
| 16) Acetone                 | 3.78  | 43   | 6277     | 6.952 | ug/l    | 98       |
| 20) Methylene Chloride      | 4.50  | 84   | 7895     | 4.080 | ug/l    | 89       |
| 30) Chloroform              | 7.32  | 83   | 8889     | 2.534 | ug/l    | 95       |

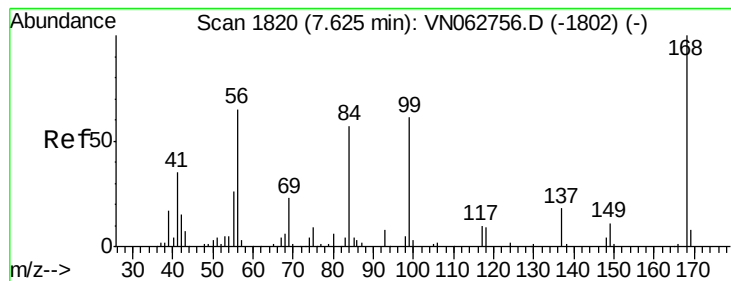
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_N\METHODS\82N080520W.M  
Quant Title : SW846 8260  
QLast Update : Wed Aug 05 13:26:42 2020  
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1821

Delta R.T. 0.00 min

Lab File: VN062895.D

Acq: 13 Aug 2020 7:34

Instrument :

MSVOA\_N

ClientSampleId :

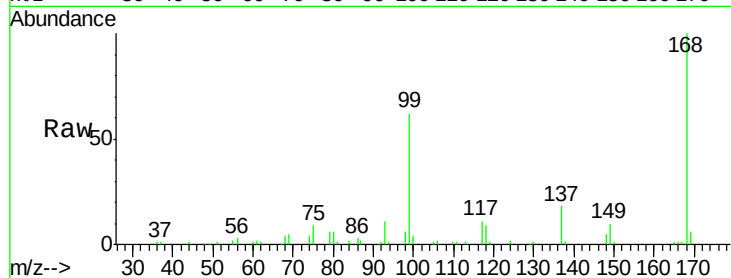
BS-STOCK-6

Tot Ion:168 Resp: 151102

Ion Ratio Lower Upper

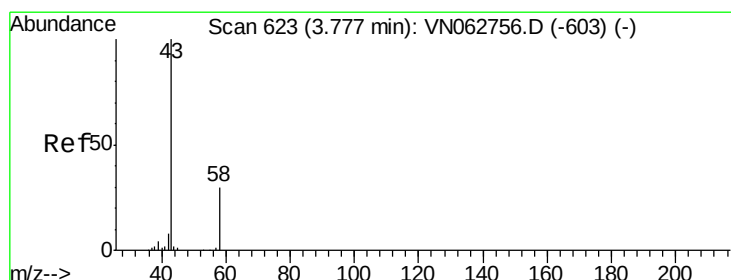
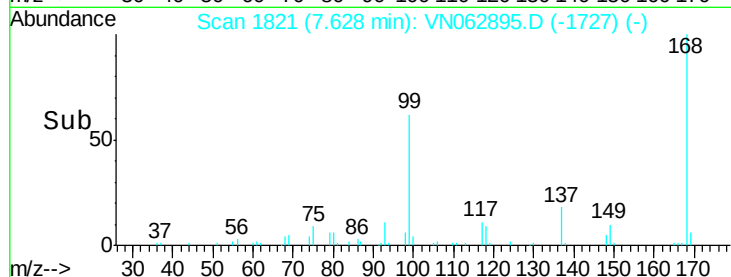
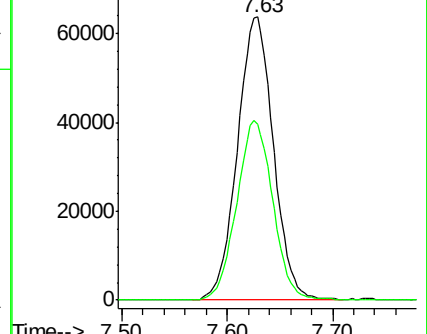
168 100

99 62.2 52.9 79.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0



#16

Acetone

Concen: 6.952 ug/l

RT: 3.78 min Scan# 625

Delta R.T. 0.01 min

Lab File: VN062895.D

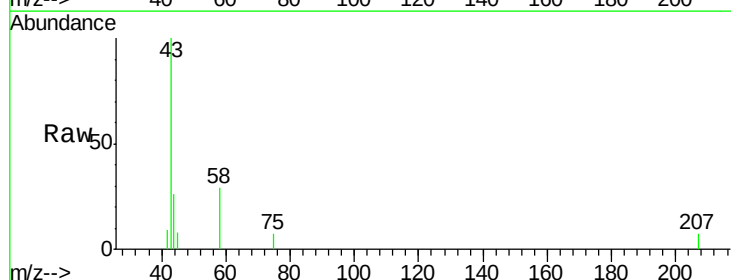
Acq: 13 Aug 2020 7:34

Tgt Ion: 43 Resp: 6277

Ion Ratio Lower Upper

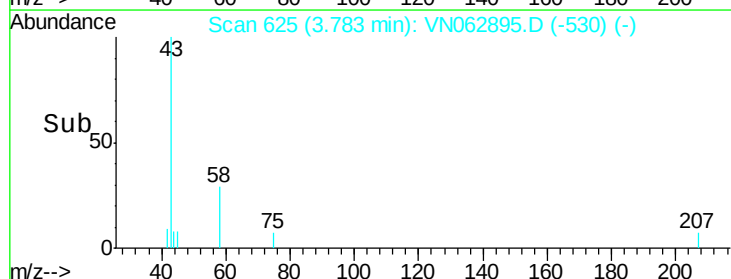
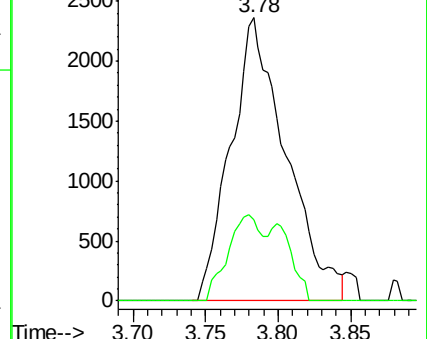
43 100

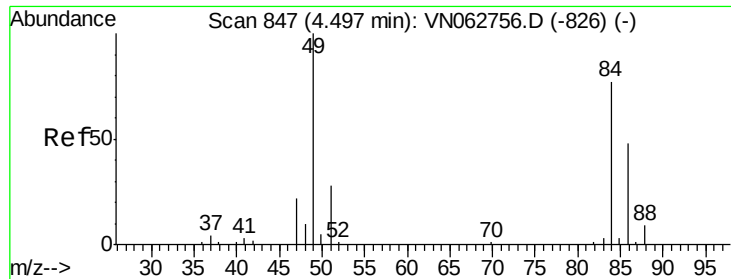
58 28.8 24.1 36.1



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

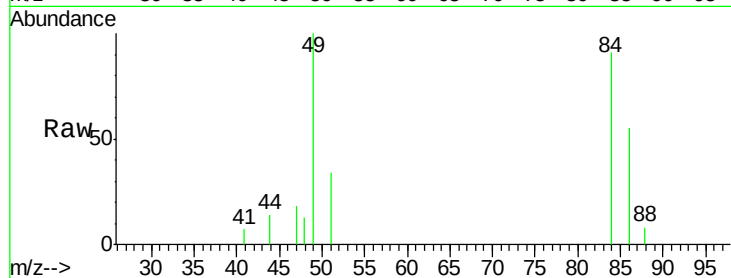




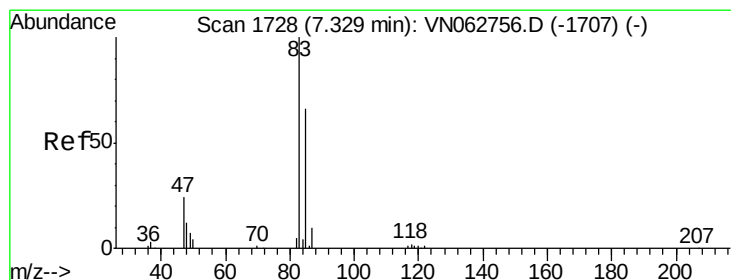
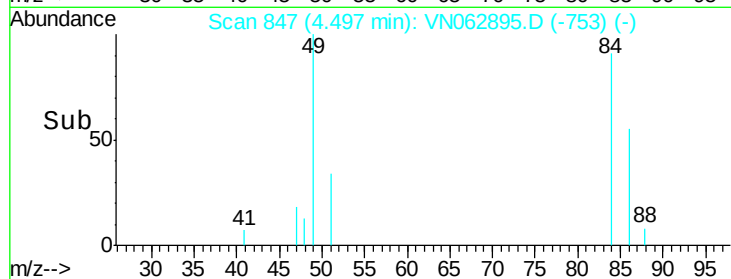
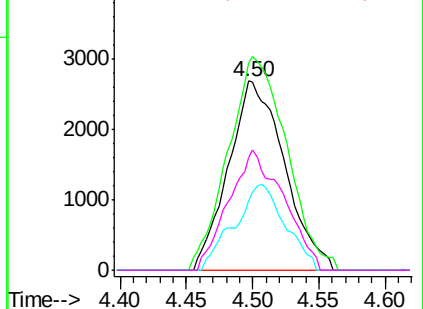
#20  
Methvlene Chloride  
Concen: 4.080 ug/l  
RT: 4.50 min Scan# 847  
Delta R.T. 0.00 min  
Lab File: VN062895.D  
Acq: 13 Aug 2020 7:34

Instrument :  
MSVOA\_N  
ClientSampleId :  
BS-STOCK-6

|             |             |
|-------------|-------------|
| Tot Ion: 84 | Resp: 7895  |
| Ion Ratio   | Lower Upper |
| 84 100      |             |
| 49 109.4    | 103.4 155.2 |
| 51 36.7     | 29.3 43.9   |
| 86 59.6     | 49.9 74.9   |

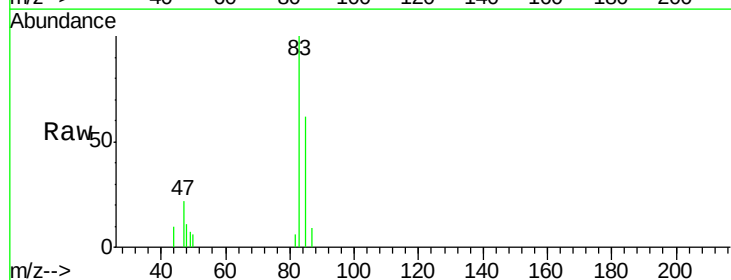


Abundance Ion 83.90 (83.60 to 84.60): VN0  
Ion 48.90 (48.60 to 49.60): VN0  
Ion 50.90 (50.60 to 51.60): VN0  
Ion 85.90 (85.60 to 86.60): VN0

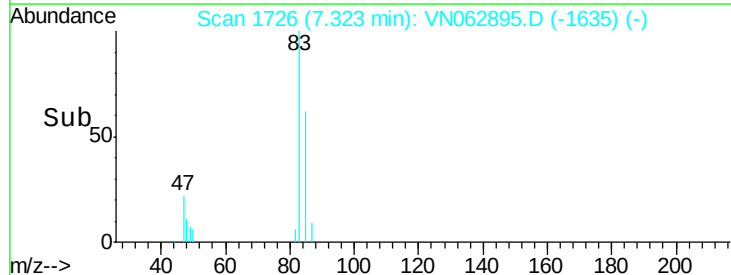
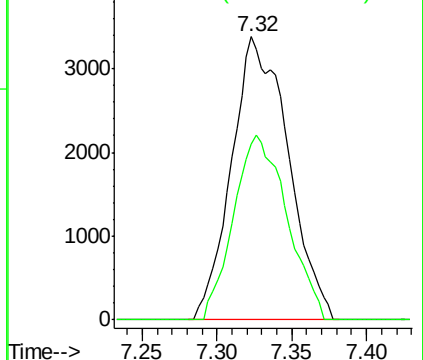


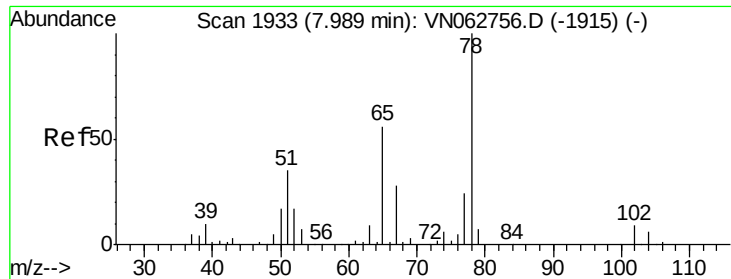
#30  
Chloroform  
Concen: 2.534 ug/l  
RT: 7.32 min Scan# 1726  
Delta R.T. -0.01 min  
Lab File: VN062895.D  
Acq: 13 Aug 2020 7:34

|             |       |       |
|-------------|-------|-------|
| Tgt Ion: 83 | Resp: | 8889  |
| Ion Ratio   | Lower | Upper |
| 83 100      |       |       |
| 85 62.0     | 52.7  | 79.1  |



Abundance Ion 82.90 (82.60 to 83.60): VN0  
Ion 84.90 (84.60 to 85.60): VN0

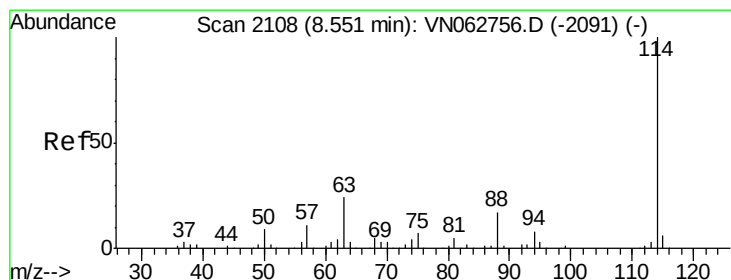
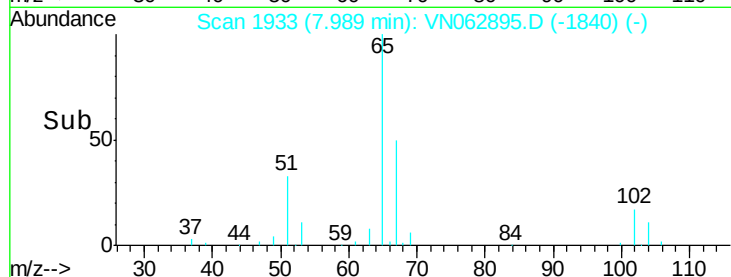
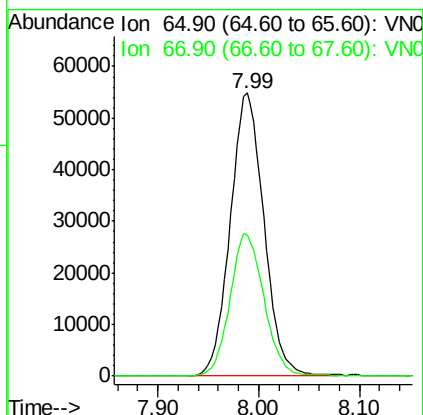
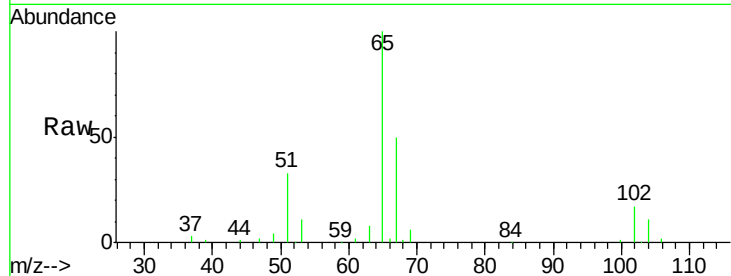




#33  
 1,2-Dichloroethane-d4  
 Concen: 51.043 ug/l  
 RT: 7.99 min Scan# 1933  
 Delta R.T. -0.00 min  
 Lab File: VN062895.D  
 Acq: 13 Aug 2020 7:34

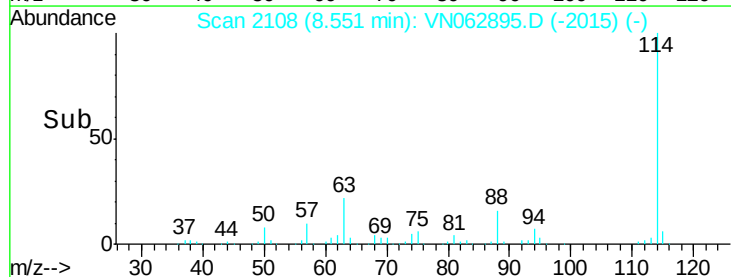
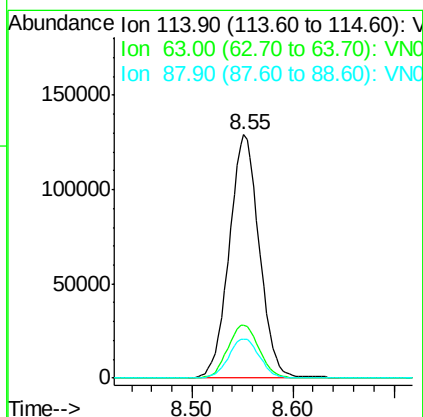
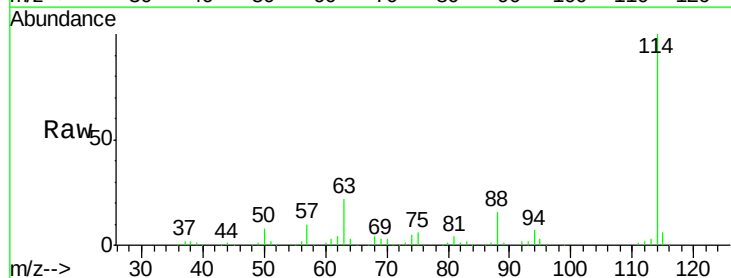
Instrument :  
 MSVOA\_N  
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 BS-STOCK-6

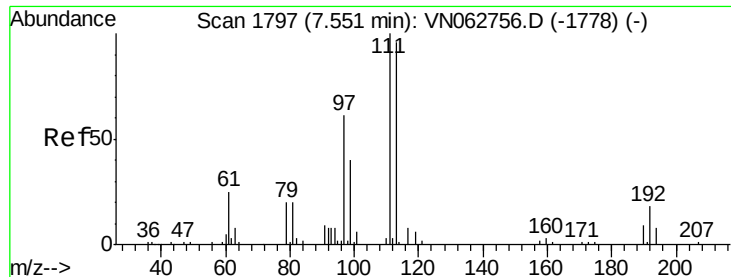
Tot Ion: 65 Resp: 127544  
 Ion Ratio Lower Upper  
 65 100  
 67 50.5 0.0 101.4



#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 8.55 min Scan# 2108  
 Delta R.T. -0.00 min  
 Lab File: VN062895.D  
 Acq: 13 Aug 2020 7:34

Tgt Ion: 114 Resp: 267874  
 Ion Ratio Lower Upper  
 114 100  
 63 21.9 0.0 47.6  
 88 16.1 0.0 34.4





#35

Dibromofluoromethane

Concen: 51.198 ug/l

RT: 7.55 min Scan# 1796

Delta R.T. -0.00 min

Lab File: VN062895.D

Acq: 13 Aug 2020 7:34

Instrument :

MSVOA\_N

ClientSampleId :

BS-STOCK-6

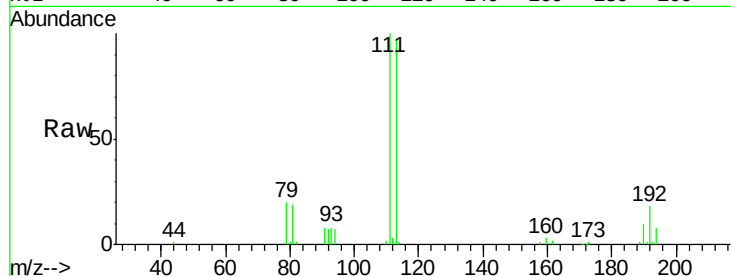
Tot Ion:113 Resp: 93816

Ion Ratio Lower Upper

113 100

111 104.7 81.8 122.6

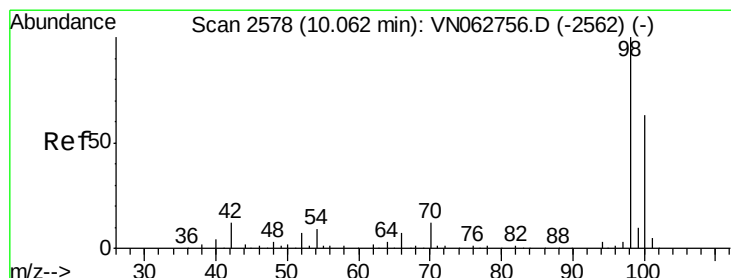
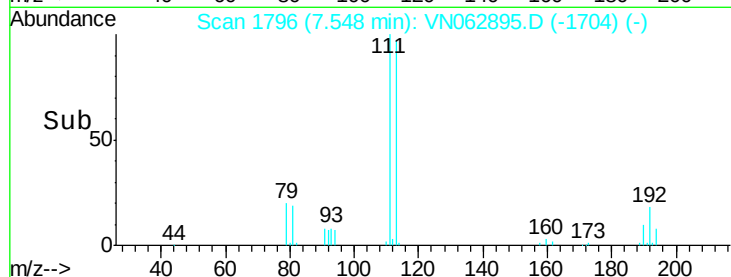
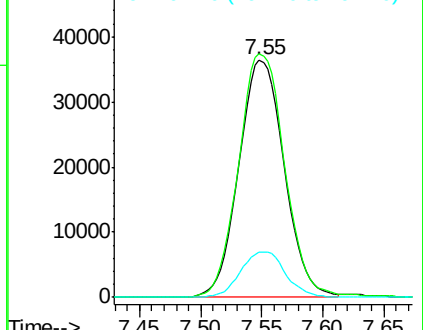
192 18.8 15.0 22.4



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#50

Toluene-d8

Concen: 48.272 ug/l

RT: 10.06 min Scan# 2578

Delta R.T. -0.00 min

Lab File: VN062895.D

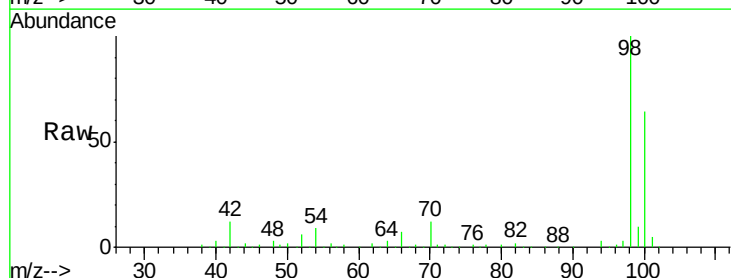
Acq: 13 Aug 2020 7:34

Tgt Ion: 98 Resp: 345332

Ion Ratio Lower Upper

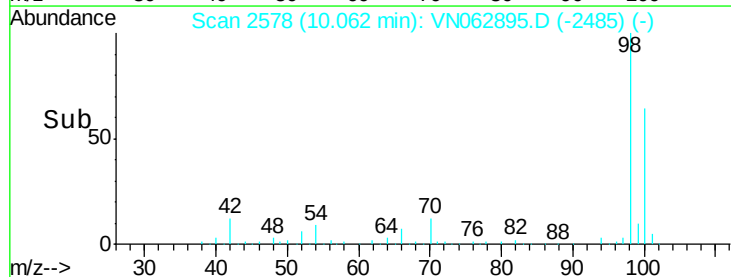
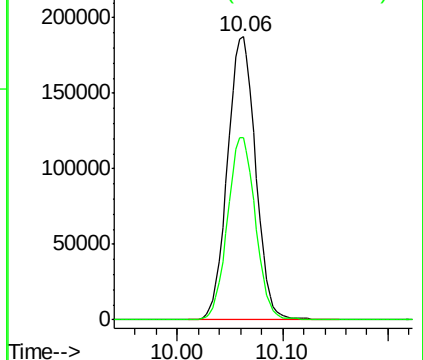
98 100

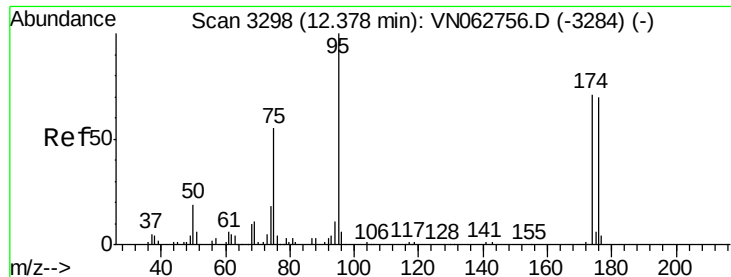
100 64.3 50.9 76.3



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0

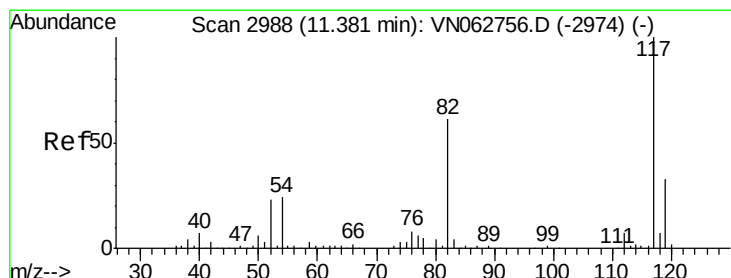
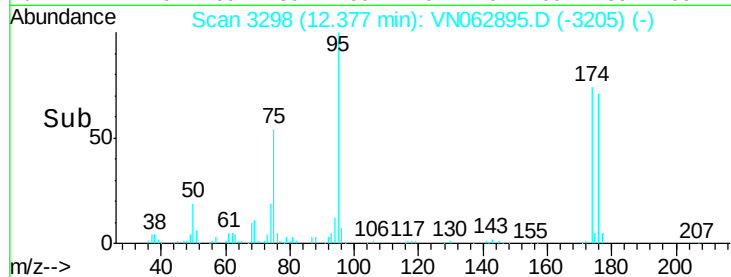
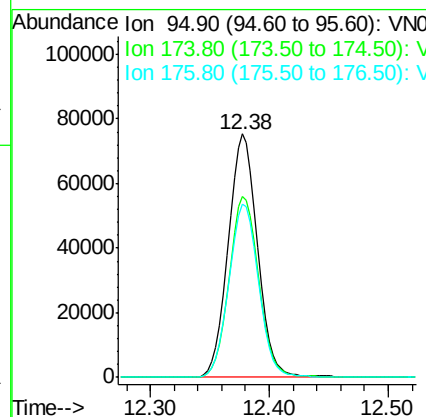
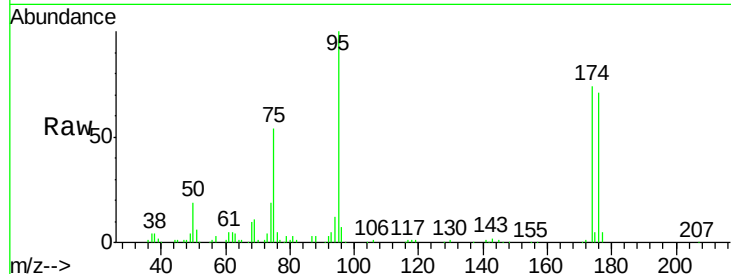




#62  
4-Bromofluorobenzene  
Concen: 47.503 ug/l  
RT: 12.38 min Scan# 3298  
Delta R.T. -0.00 min  
Lab File: VN062895.D  
Acq: 13 Aug 2020 7:34

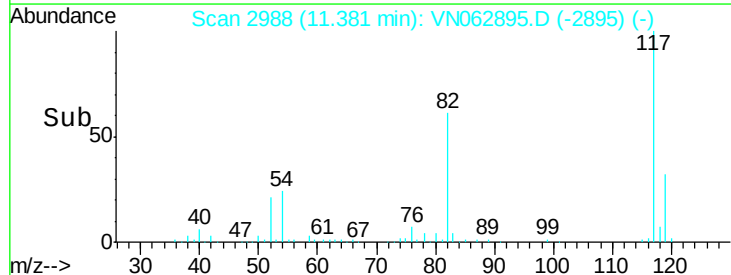
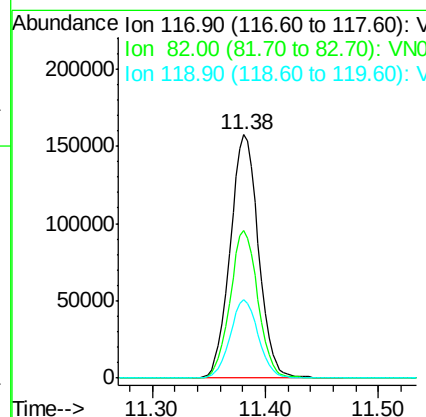
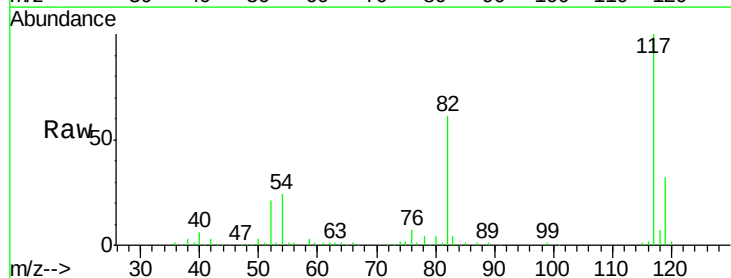
Instrument :  
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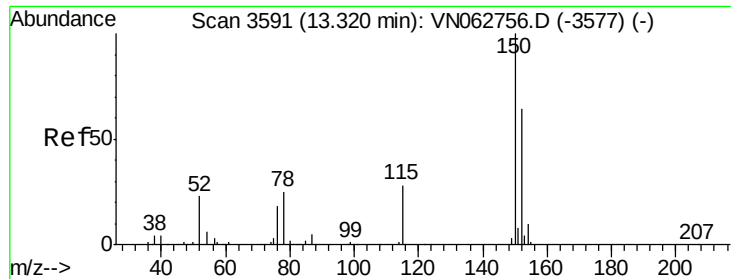
Tot Ion: 95 Resp: 128421  
Ion Ratio Lower Upper  
95 100  
174 75.3 0.0 144.8  
176 72.2 0.0 142.2



#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.38 min Scan# 2988  
Delta R.T. -0.00 min  
Lab File: VN062895.D  
Acq: 13 Aug 2020 7:34

Tgt Ion: 117 Resp: 274827  
Ion Ratio Lower Upper  
117 100  
82 60.6 49.0 73.4  
119 32.2 26.2 39.2





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3591

Delta R.T. -0.00 min

Lab File: VN062895.D

Acq: 13 Aug 2020 7:34

Instrument :

MSVOA\_N

ClientSampleId :

BS-STOCK-6

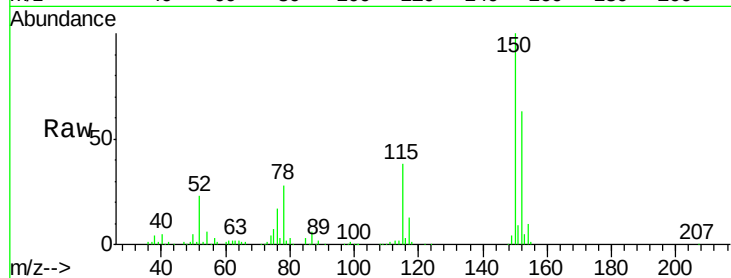
Tot Ion:152 Resp: 104141

Ion Ratio Lower Upper

152 100

115 61.5 31.6 94.8

150 155.0 0.0 349.2



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

