

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN111720\  
 Data File : VN064676.D  
 Acq On : 17 Nov 2020 13:30  
 Operator : JC/MD  
 Sample : L4772-10  
 Misc : 5.00mL/MSVOA N/WATER  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 TB-111620

Quant Time: Nov 18 02:17:58 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_N\METHODS\82N110420W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Nov 04 12:09:03 2020  
 Response via : Initial Calibration

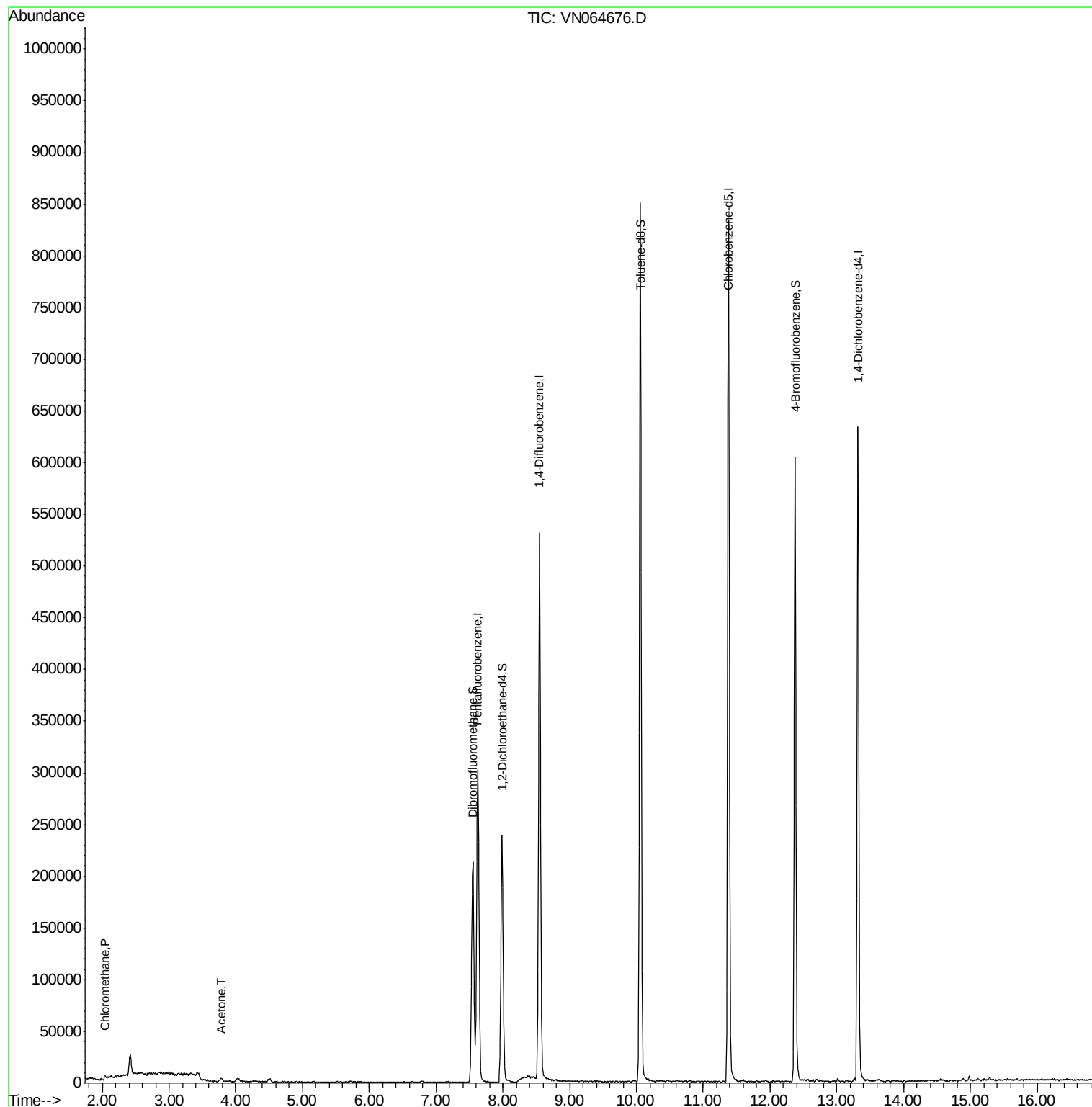
| Internal Standards          | R.T.  | QIon | Response | Conc  | Units   | Dev(Min) |
|-----------------------------|-------|------|----------|-------|---------|----------|
| 1) Pentafluorobenzene       | 7.62  | 168  | 219350   | 50.00 | ug/l    | 0.00     |
| 34) 1,4-Difluorobenzene     | 8.55  | 114  | 435865   | 50.00 | ug/l    | 0.00     |
| 63) Chlorobenzene-d5        | 11.38 | 117  | 454823   | 50.00 | ug/l    | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 13.32 | 152  | 159781   | 50.00 | ug/l    | 0.00     |
| System Monitoring Compounds |       |      |          |       |         |          |
| 33) 1,2-Dichloroethane-d4   | 7.99  | 65   | 214366   | 56.11 | ug/l    | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =     | 112.22% |          |
| 35) Dibromofluoromethane    | 7.55  | 113  | 158212   | 53.31 | ug/l    | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =     | 106.62% |          |
| 50) Toluene-d8              | 10.06 | 98   | 579517   | 50.52 | ug/l    | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =     | 101.04% |          |
| 62) 4-Bromofluorobenzene    | 12.37 | 95   | 205929   | 47.47 | ug/l    | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =     | 94.94%  |          |
| Target Compounds            |       |      |          |       |         |          |
| 3) Chloromethane            | 2.04  | 50   | 2980     | 0.859 | ug/l    | 97       |
| 16) Acetone                 | 3.78  | 43   | 6020     | 4.136 | ug/l    | 95       |

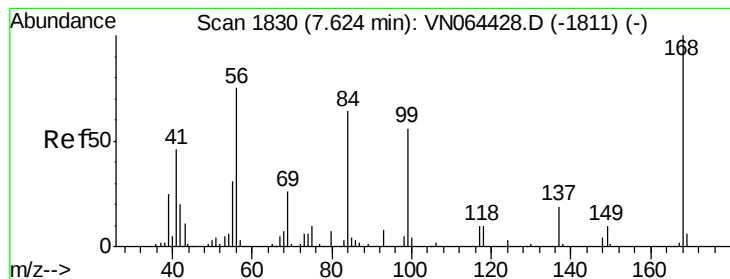
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260  
QLast Update : Wed Nov 04 12:09:03 2020  
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.62 min Scan# 1830

Delta R.T. -0.00 min

Lab File: VN064676.D

Acq: 17 Nov 2020 13:30

Instrument :

MSVOA\_N

ClientSampleId :

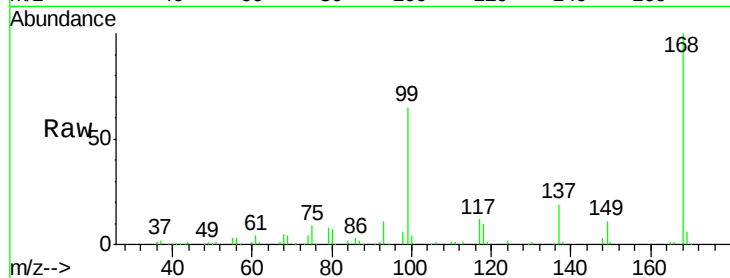
TB-111620

Tot Ion:168 Resp: 219350

Ion Ratio Lower Upper

168 100

99 64.8 53.4 80.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.62

100000

80000

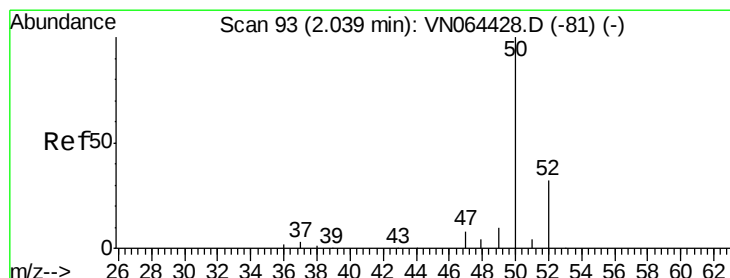
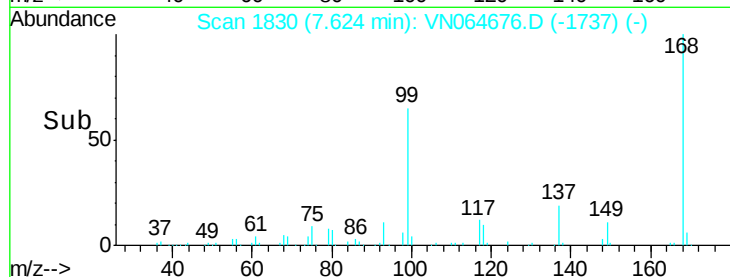
60000

40000

20000

0

Time-->



#3

Chloromethane

Concen: 0.859 ug/l

RT: 2.04 min Scan# 93

Delta R.T. -0.00 min

Lab File: VN064676.D

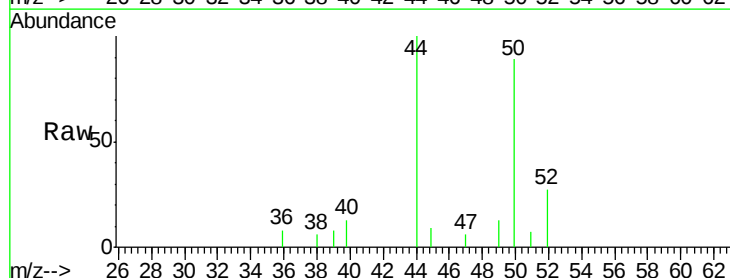
Acq: 17 Nov 2020 13:30

Tgt Ion: 50 Resp: 2980

Ion Ratio Lower Upper

50 100

52 30.2 25.3 37.9



Abundance Ion 49.90 (49.60 to 50.60): VNO

Ion 51.90 (51.60 to 52.60): VNO

2.04

2500

2000

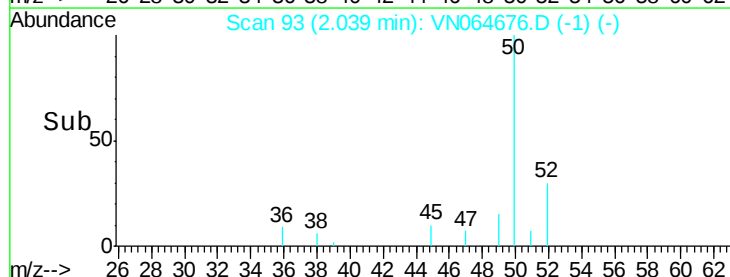
1500

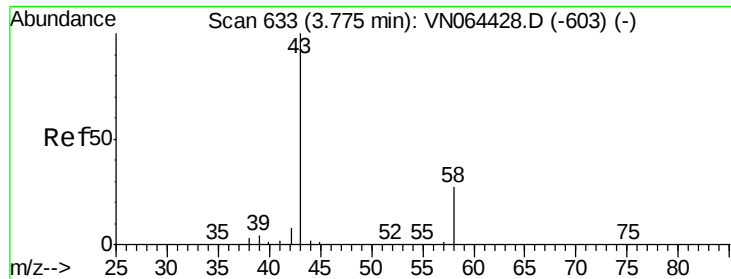
1000

500

0

Time-->

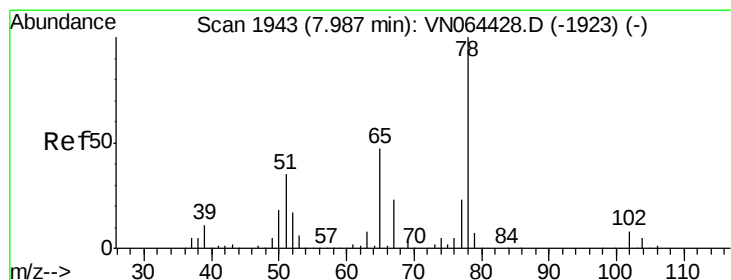
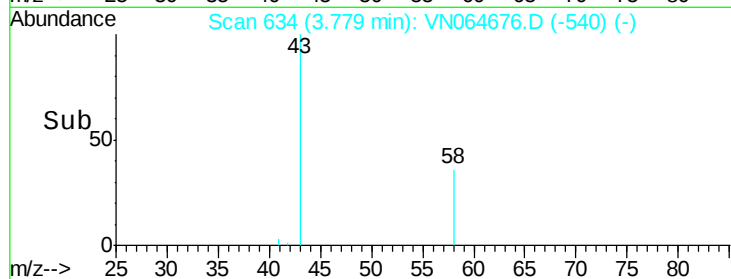
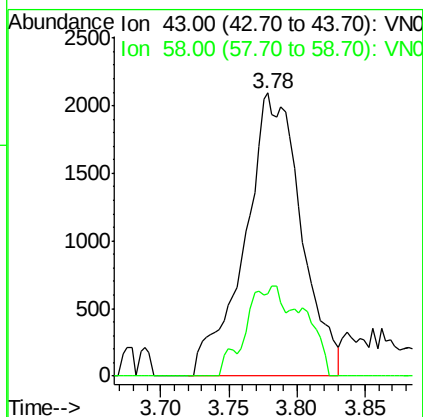
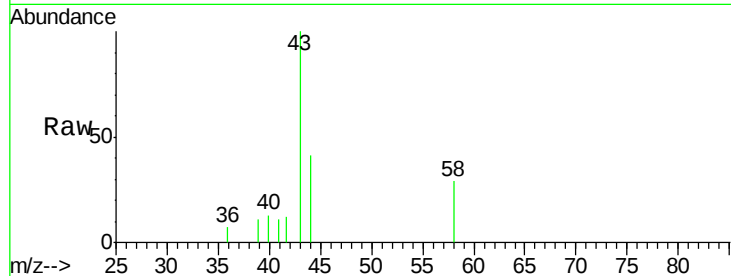




#16  
 Acetone  
 Concen: 4.136 ug/l  
 RT: 3.78 min Scan# 634  
 Delta R.T. 0.00 min  
 Lab File: VN064676.D  
 Acq: 17 Nov 2020 13:30

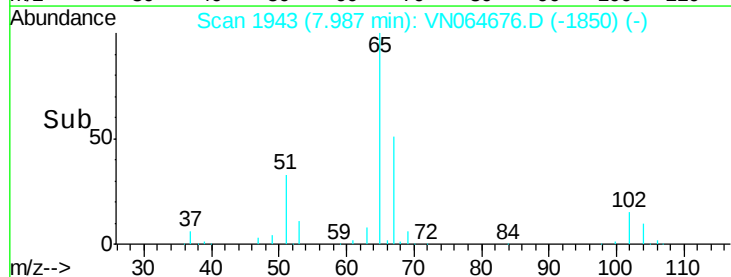
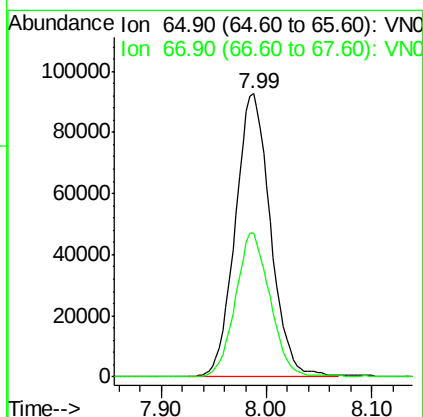
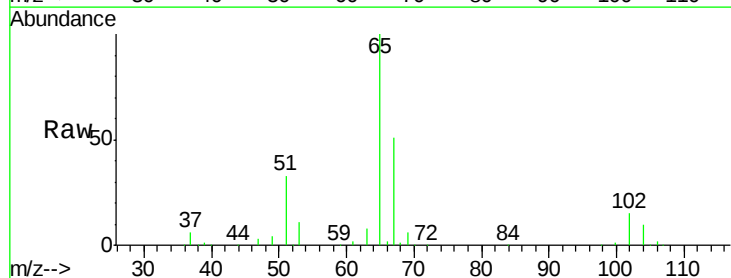
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 TB-111620

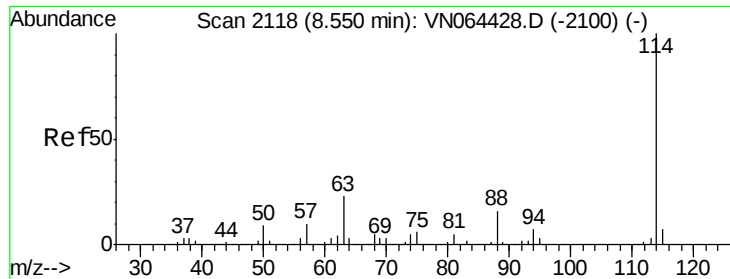
Tot Ion: 43 Resp: 6020  
 Ion Ratio Lower Upper  
 43 100  
 58 29.2 21.4 32.0



#33  
 1,2-Dichloroethane-d4  
 Concen: 56.106 ug/l  
 RT: 7.99 min Scan# 1943  
 Delta R.T. -0.00 min  
 Lab File: VN064676.D  
 Acq: 17 Nov 2020 13:30

Tgt Ion: 65 Resp: 214366  
 Ion Ratio Lower Upper  
 65 100  
 67 49.8 0.0 101.6

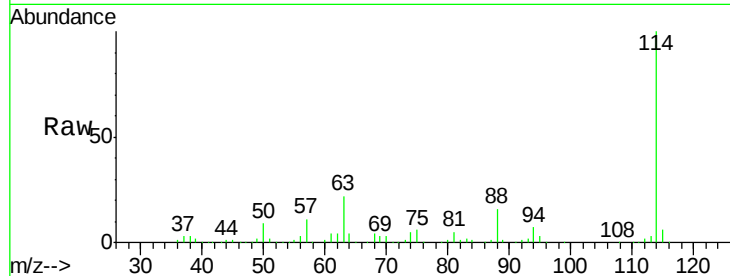




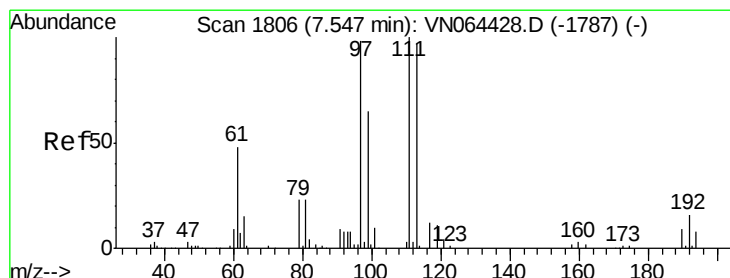
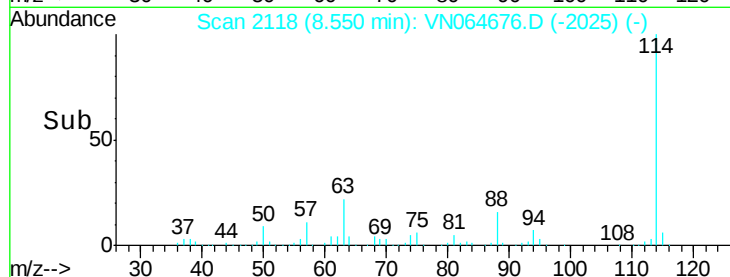
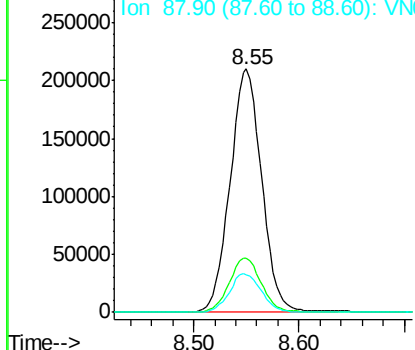
#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 8.55 min Scan# 2118  
Delta R.T. -0.00 min  
Lab File: VN064676.D  
Acq: 17 Nov 2020 13:30

Instrument :  
MSVOA\_N  
ClientSampled :  
TB-111620

Tot Ion:114 Resp: 435865  
Ion Ratio Lower Upper  
114 100  
63 22.5 0.0 45.6  
88 15.7 0.0 32.8

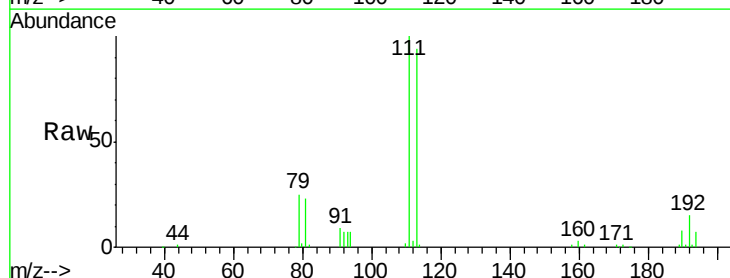


Abundance Ion 113.90 (113.60 to 114.60): V  
Ion 63.00 (62.70 to 63.70): V  
Ion 87.90 (87.60 to 88.60): V

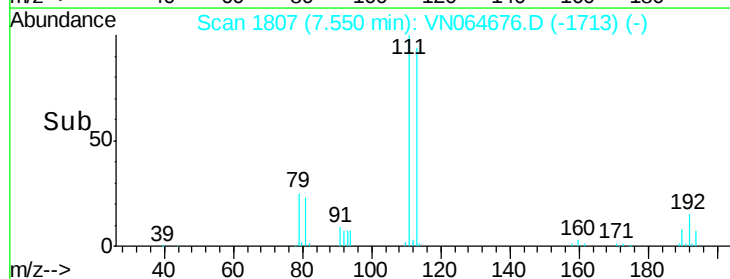
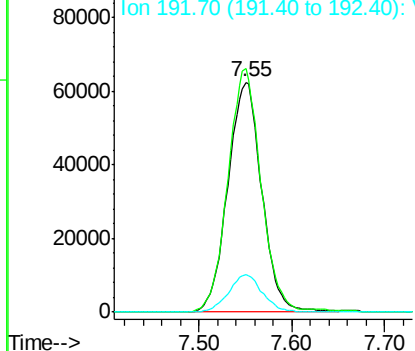


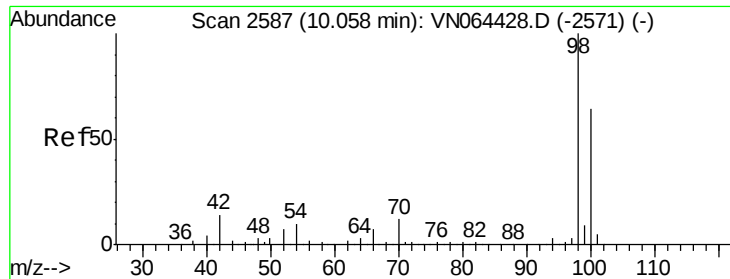
#35  
Dibromofluoromethane  
Concen: 53.312 ug/l  
RT: 7.55 min Scan# 1807  
Delta R.T. 0.00 min  
Lab File: VN064676.D  
Acq: 17 Nov 2020 13:30

Tgt Ion:113 Resp: 158212  
Ion Ratio Lower Upper  
113 100  
111 103.1 81.1 121.7  
192 16.2 12.8 19.2



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: 50.525 ug/l

RT: 10.06 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN064676.D

Acq: 17 Nov 2020 13:30

Instrument :

MSVOA\_N

ClientSampleId :

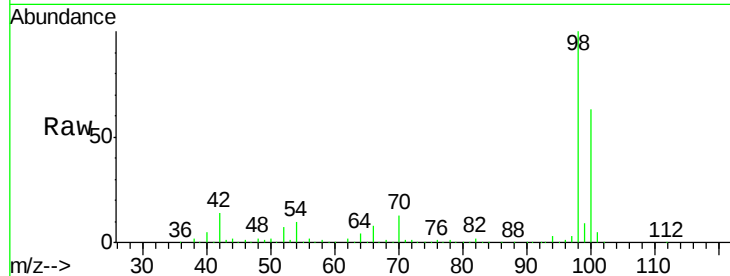
TB-111620

Tot Ion: 98 Resp: 579517

Ion Ratio Lower Upper

98 100

100 61.5 50.7 76.1



Abundance Ion 98.00 (97.70 to 98.70): VN064428.D (-2571) (-)

Ion 100.00 (99.70 to 100.70): VN064428.D (-2571) (-)

10.06

300000

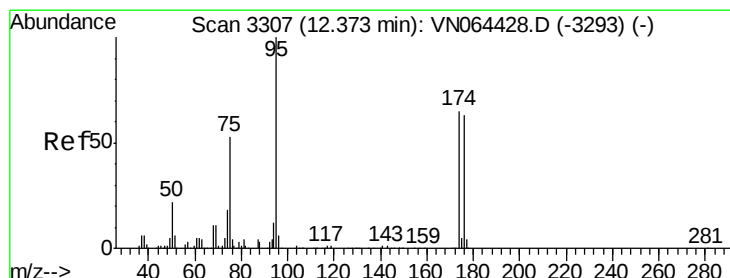
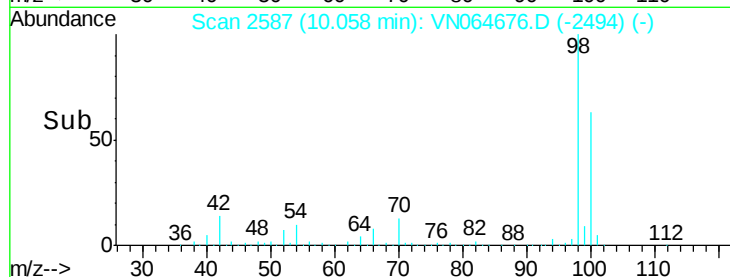
200000

100000

0

10.00 10.10

Time-->



#62

4-Bromofluorobenzene

Concen: 47.473 ug/l

RT: 12.37 min Scan# 3307

Delta R.T. -0.00 min

Lab File: VN064676.D

Acq: 17 Nov 2020 13:30

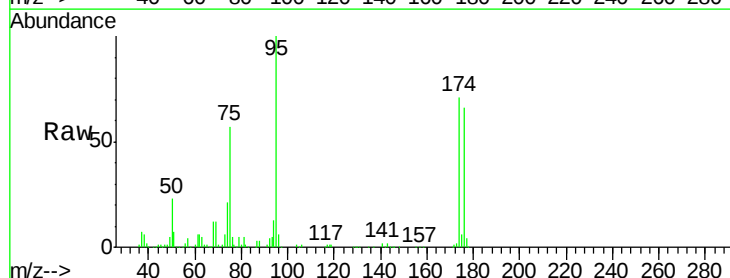
Tgt Ion: 95 Resp: 205929

Ion Ratio Lower Upper

95 100

174 71.9 0.0 132.6

176 67.4 0.0 129.2



Abundance Ion 94.90 (94.60 to 95.60): VN064428.D (-3293) (-)

Ion 173.80 (173.50 to 174.50): VN064428.D (-3293) (-)

Ion 175.80 (175.50 to 176.50): VN064428.D (-3293) (-)

12.37

150000

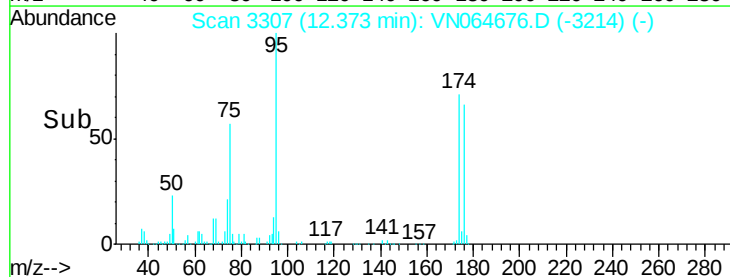
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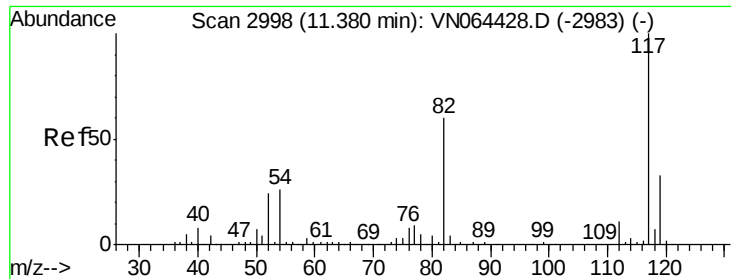
50000

0

12.30 12.40

Time-->

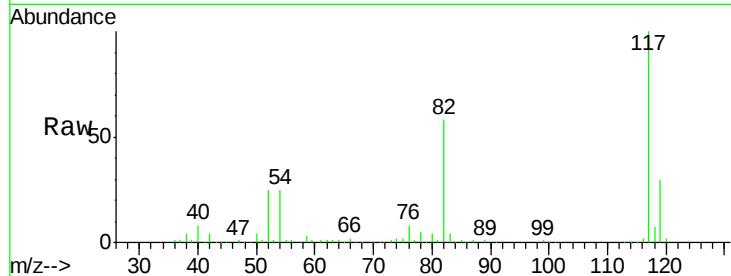




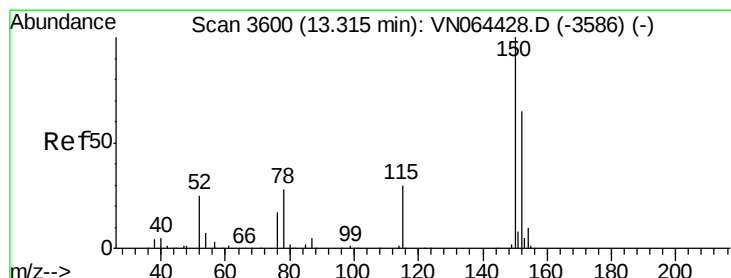
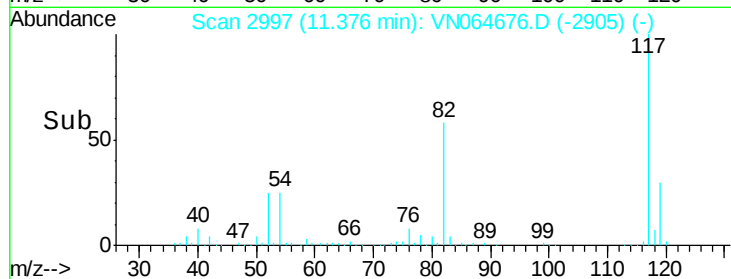
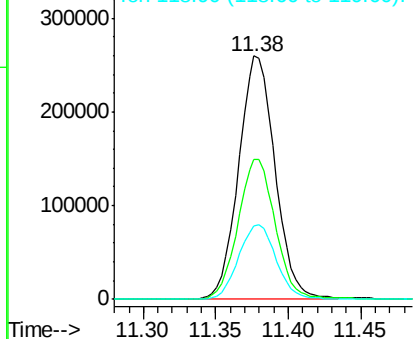
#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.38 min Scan# 2997  
Delta R.T. -0.00 min  
Lab File: VN064676.D  
Acq: 17 Nov 2020 13:30

Instrument :  
MSVOA\_N  
ClientSampleId :  
TB-111620

Tot Ion:117 Resp: 454823  
Ion Ratio Lower Upper  
117 100  
82 57.7 48.1 72.1  
119 30.0 26.2 39.4

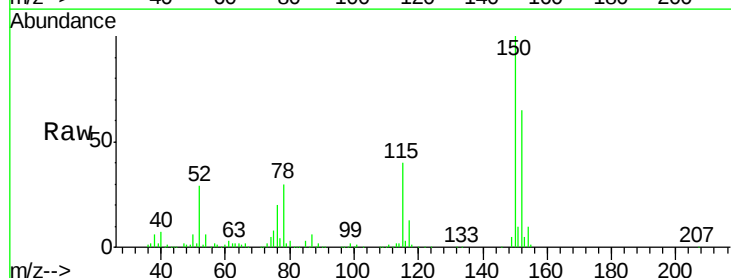


Abundance Ion 116.90 (116.60 to 117.60): V  
Ion 82.00 (81.70 to 82.70): V  
Ion 118.90 (118.60 to 119.60): V



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.32 min Scan# 3601  
Delta R.T. 0.00 min  
Lab File: VN064676.D  
Acq: 17 Nov 2020 13:30

Tgt Ion:152 Resp: 159781  
Ion Ratio Lower Upper  
152 100  
115 63.3 32.0 96.0  
150 157.0 0.0 353.8



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

