

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN061220\  
 Data File : VN061797.D  
 Acq On : 12 Jun 2020 17:34  
 Operator : JC/MD  
 Sample : L2989-08 50X  
 Misc : 5.00mL/MSVOA N/WATER  
 ALS Vial : 20 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 RE122D2-20200610

Quant Time: Jun 13 06:49:24 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_N\METHODS\82N052820W.M  
 Quant Title : SW846 8260  
 QLast Update : Fri May 29 02:14:10 2020  
 Response via : Initial Calibration

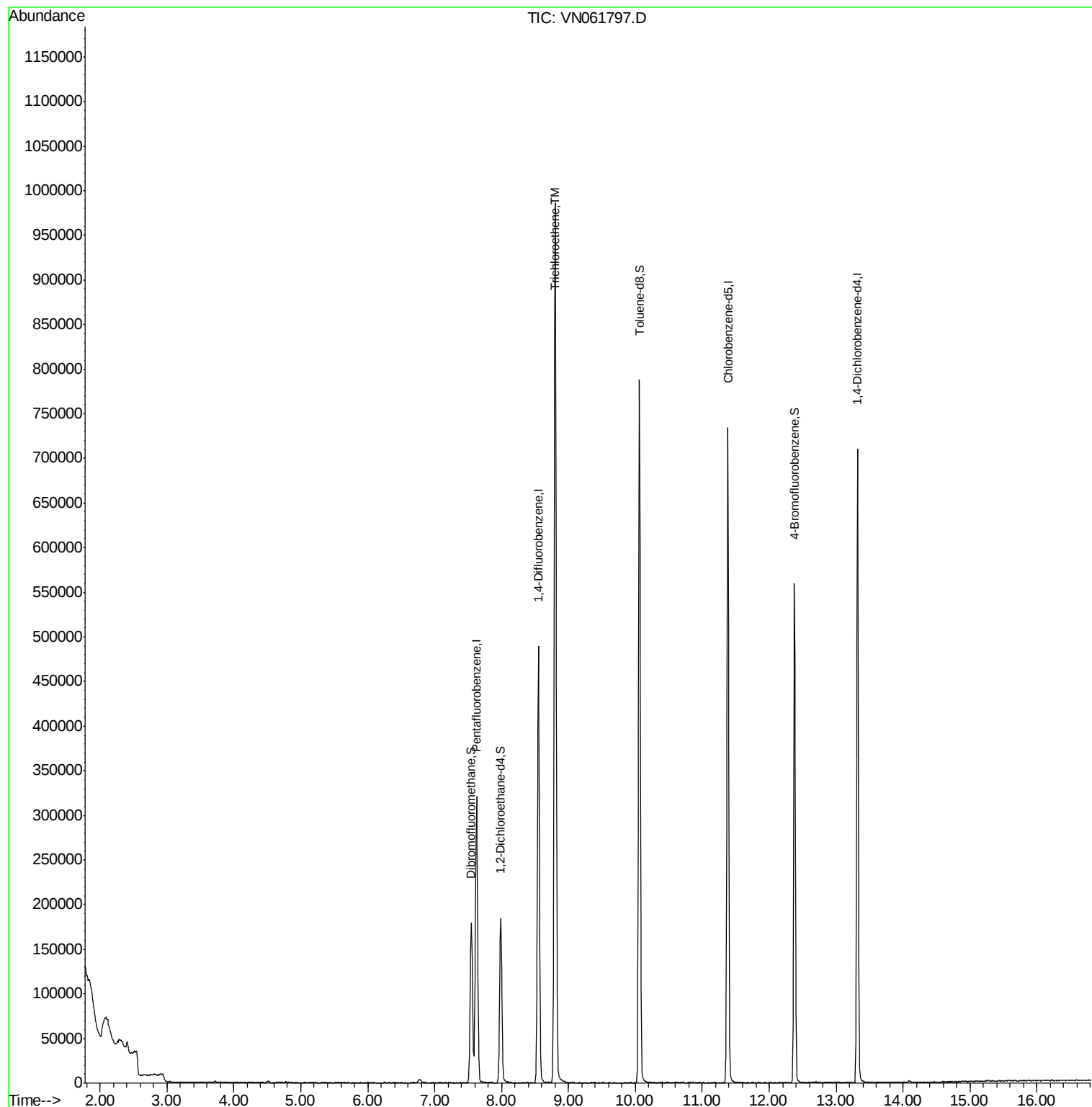
| Internal Standards          | R.T.  | QIon | Response | Conc   | Units   | Dev(Min)  |
|-----------------------------|-------|------|----------|--------|---------|-----------|
| 1) Pentafluorobenzene       | 7.63  | 168  | 274951   | 50.00  | ug/l    | 0.00      |
| 34) 1,4-Difluorobenzene     | 8.55  | 114  | 472478   | 50.00  | ug/l    | 0.00      |
| 63) Chlorobenzene-d5        | 11.38 | 117  | 459238   | 50.00  | ug/l    | 0.00      |
| 72) 1,4-Dichlorobenzene-d4  | 13.32 | 152  | 201423   | 50.00  | ug/l    | 0.00      |
| System Monitoring Compounds |       |      |          |        |         |           |
| 33) 1,2-Dichloroethane-d4   | 7.99  | 65   | 158973   | 48.53  | ug/l    | 0.00      |
| Spiked Amount 50.000        |       |      | Recovery | =      | 97.06%  |           |
| 35) Dibromofluoromethane    | 7.55  | 113  | 138222   | 57.67  | ug/l    | 0.00      |
| Spiked Amount 50.000        |       |      | Recovery | =      | 115.34% |           |
| 50) Toluene-d8              | 10.06 | 98   | 567931   | 51.13  | ug/l    | 0.00      |
| Spiked Amount 50.000        |       |      | Recovery | =      | 102.26% |           |
| 62) 4-Bromofluorobenzene    | 12.38 | 95   | 189017   | 46.65  | ug/l    | 0.00      |
| Spiked Amount 50.000        |       |      | Recovery | =      | 93.30%  |           |
| Target Compounds            |       |      |          |        |         |           |
| 44) Trichloroethene         | 8.80  | 130  | 389215   | 98.134 | ug/l    | Qvalue 97 |

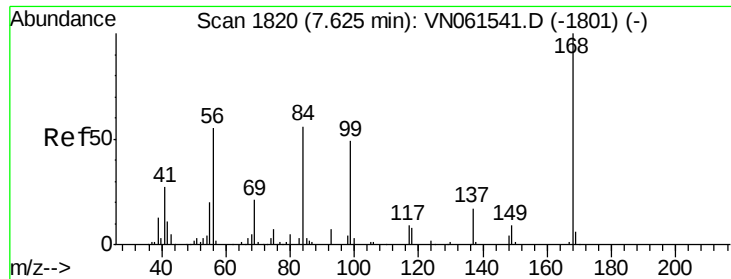
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN061220\  
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MSVOA\_N  
ClientSampleId :  
RE122D2-20200610

Quant Time: Jun 13 06:49:24 2020  
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_N\METHODS\82N052820W.M  
Quant Title : SW846 8260  
QLast Update : Fri May 29 02:14:10 2020  
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1820

Delta R.T. 0.00 min

Lab File: VN061797.D

Acq: 12 Jun 2020 17:34

Instrument :

MSVOA\_N

ClientSampleId :

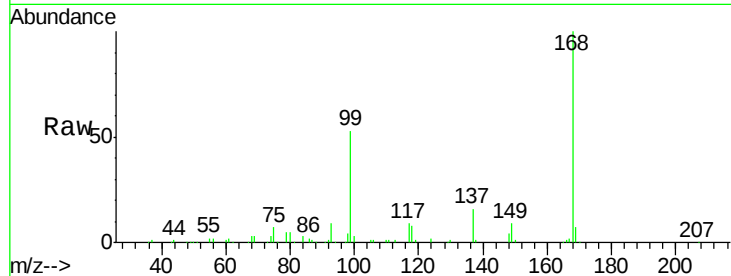
RE122D2-20200610

Tot Ion:168 Resp: 274951

Ion Ratio Lower Upper

168 100

99 53.3 45.0 67.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

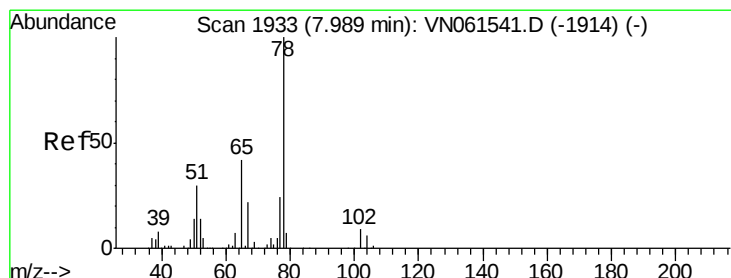
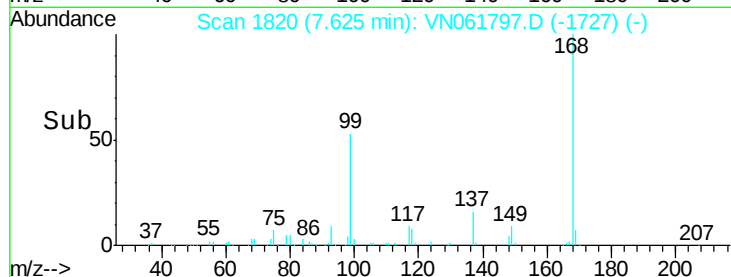
7.63

100000

50000

0

Time--> 7.50 7.60 7.70



#33

1,2-Dichloroethane-d4

Concen: 48.529 ug/l

RT: 7.99 min Scan# 1932

Delta R.T. -0.00 min

Lab File: VN061797.D

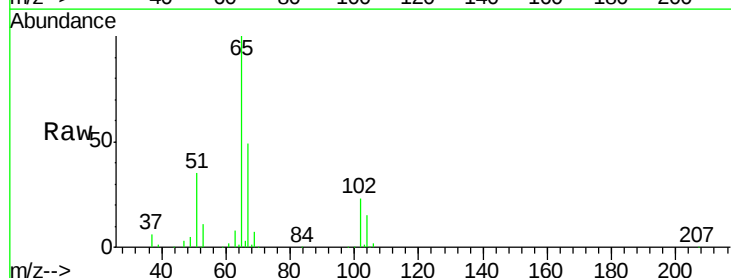
Acq: 12 Jun 2020 17:34

Tgt Ion: 65 Resp: 158973

Ion Ratio Lower Upper

65 100

67 50.9 0.0 104.8



Abundance Ion 64.90 (64.60 to 65.60): VNO

Ion 66.90 (66.60 to 67.60): VNO

7.99

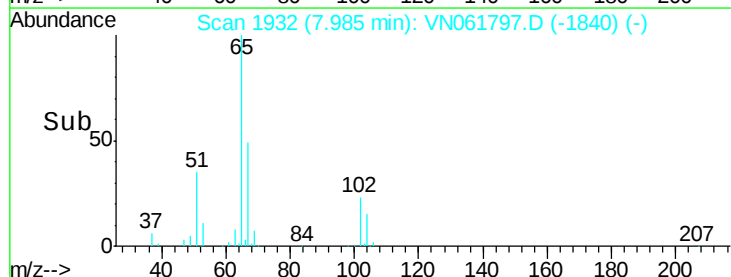
60000

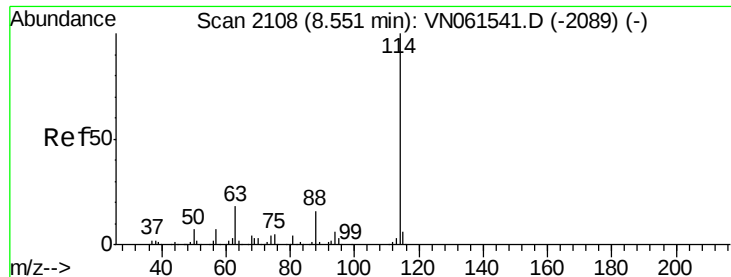
40000

20000

0

Time--> 7.90 8.00 8.10





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.55 min Scan# 2108

Delta R.T. 0.00 min

Lab File: VN061797.D

Acq: 12 Jun 2020 17:34

Instrument :

MSVOA\_N

ClientSampleId :

RE122D2-20200610

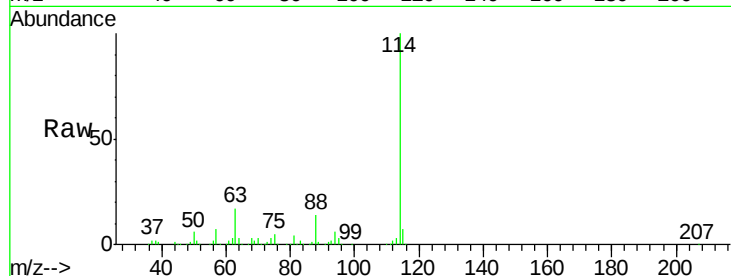
Tot Ion:114 Resp: 472478

Ion Ratio Lower Upper

114 100

63 17.3 0.0 35.8

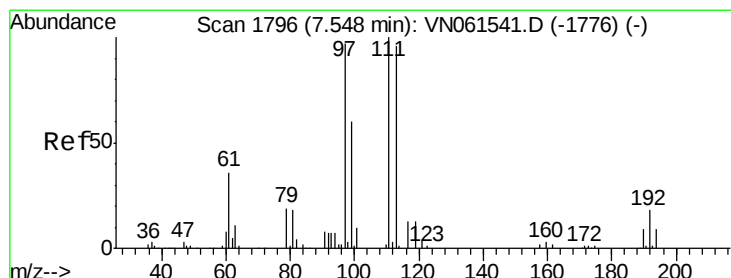
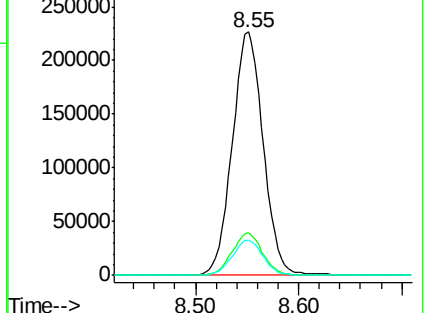
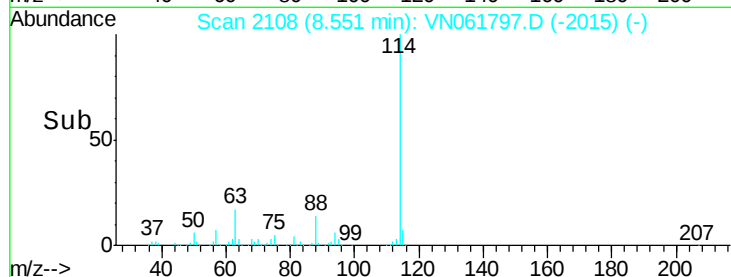
88 14.5 0.0 31.0



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN

Ion 87.90 (87.60 to 88.60): VN



#35

Dibromofluoromethane

Concen: 57.670 ug/l

RT: 7.55 min Scan# 1796

Delta R.T. 0.00 min

Lab File: VN061797.D

Acq: 12 Jun 2020 17:34

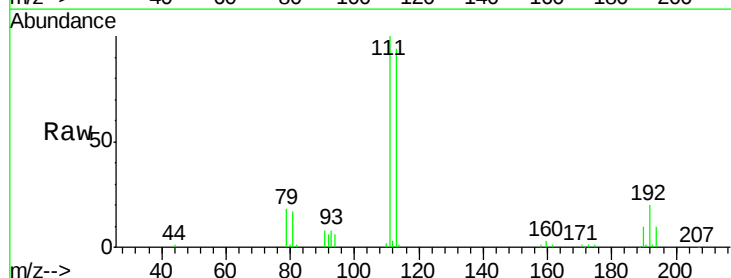
Tgt Ion:113 Resp: 138222

Ion Ratio Lower Upper

113 100

111 102.6 83.4 125.0

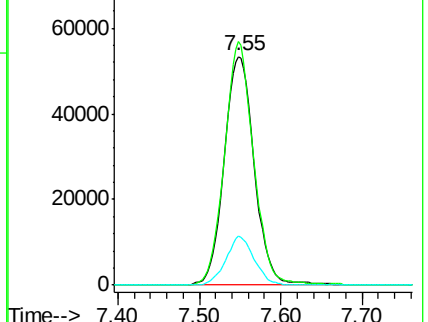
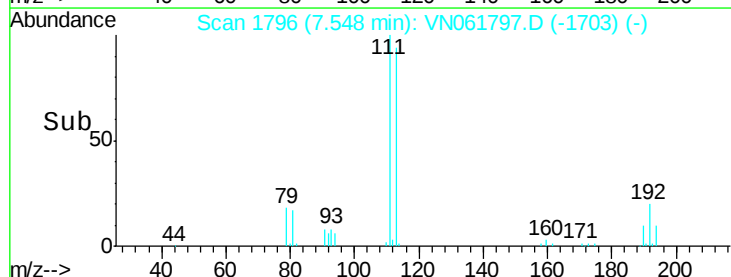
192 20.0 15.4 23.2

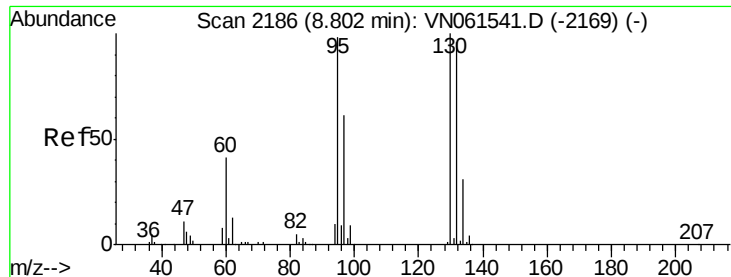


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#44

Trichloroethene

Concen: 98.134 ug/l

RT: 8.80 min Scan# 2186

Delta R.T. 0.00 min

Lab File: VN061797.D

Acq: 12 Jun 2020 17:34

Instrument :

MSVOA\_N

ClientSampleId :

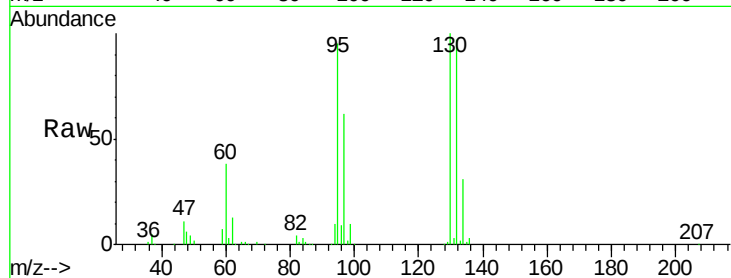
RE122D2-20200610

Tot Ion:130 Resp: 389215

Ion Ratio Lower Upper

130 100

95 95.2 0.0 196.6



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VNO

8.80

200000

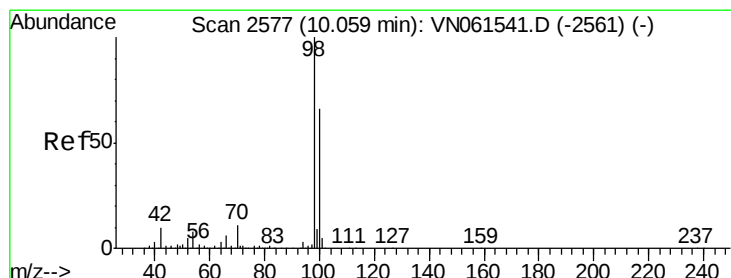
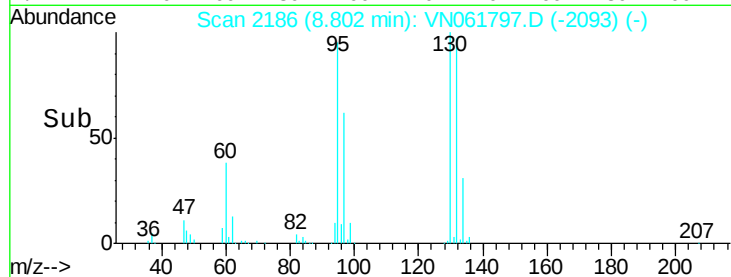
150000

100000

50000

0

Time--> 8.70 8.80 8.90



#50

Toluene-d8

Concen: 51.132 ug/l

RT: 10.06 min Scan# 2577

Delta R.T. 0.00 min

Lab File: VN061797.D

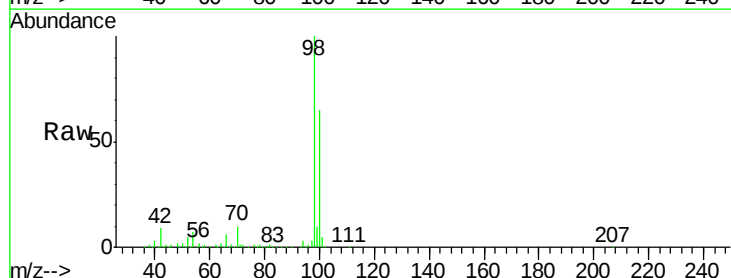
Acq: 12 Jun 2020 17:34

Tgt Ion: 98 Resp: 567931

Ion Ratio Lower Upper

98 100

100 65.9 52.8 79.2



Abundance Ion 98.00 (97.70 to 98.70): VNO

Ion 100.00 (99.70 to 100.70): VNO

10.06

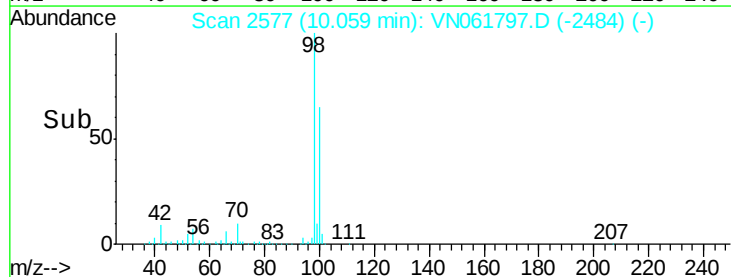
300000

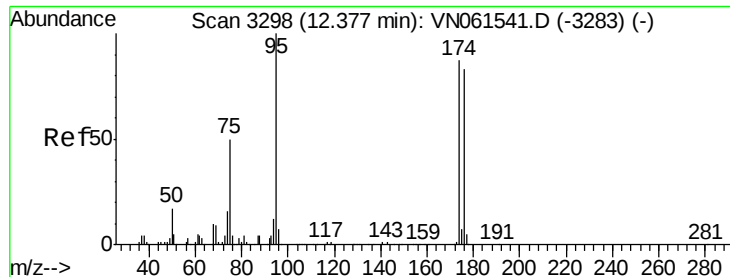
200000

100000

0

Time--> 10.00 10.10 10.20

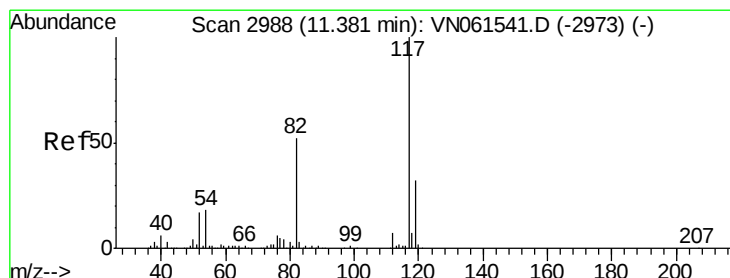
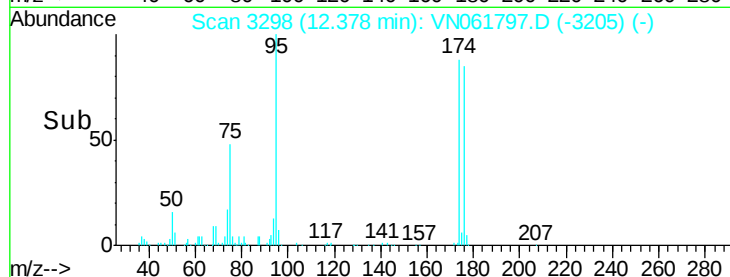
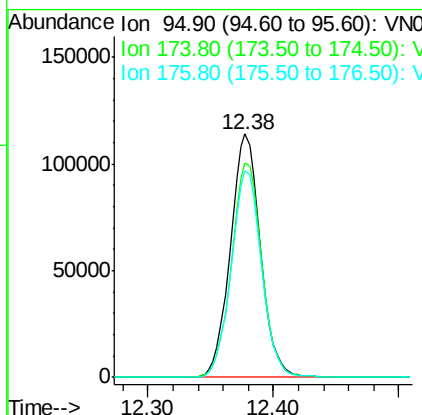
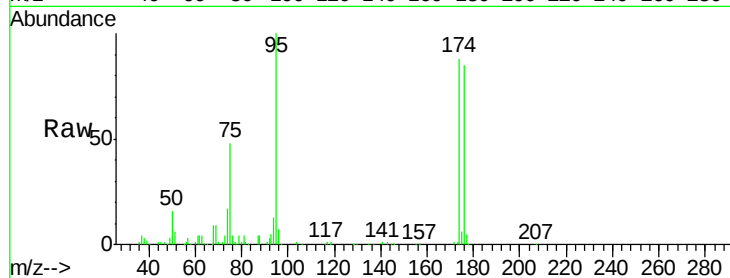




#62  
4-Bromofluorobenzene  
Concen: 46.645 ug/l  
RT: 12.38 min Scan# 3298  
Delta R.T. 0.00 min  
Lab File: VN061797.D  
Acq: 12 Jun 2020 17:34

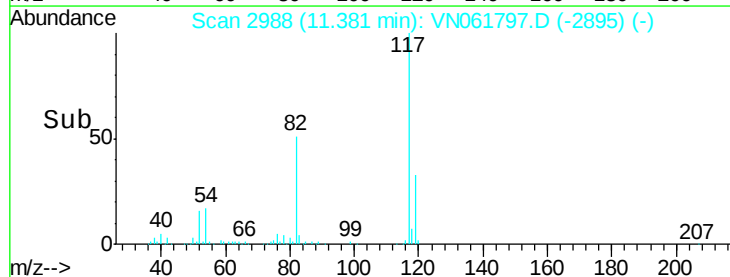
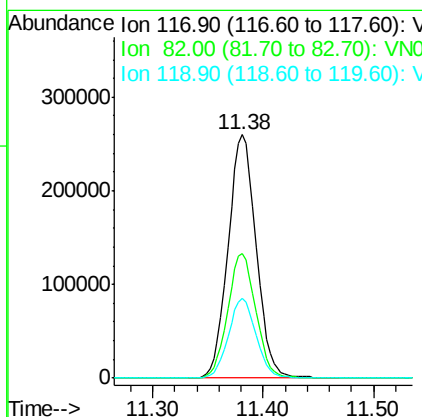
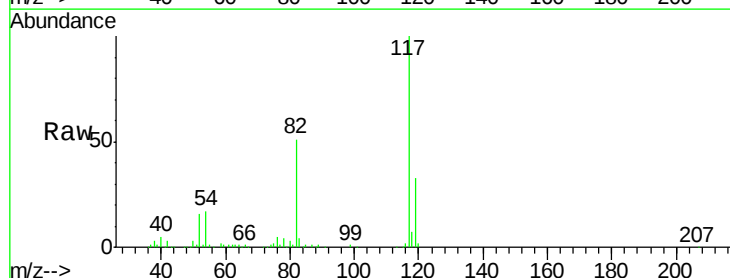
Instrument :  
MSVOA\_N  
ClientSampleId :  
RE122D2-20200610

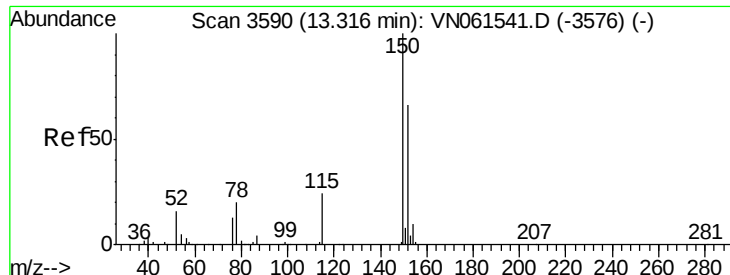
| Tot Ion   | 95    | Resp  | 189017 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 95        | 100   |       |        |
| 174       | 89.3  | 0.0   | 172.8  |
| 176       | 85.7  | 0.0   | 164.8  |



#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.38 min Scan# 2988  
Delta R.T. 0.00 min  
Lab File: VN061797.D  
Acq: 12 Jun 2020 17:34

| Tgt Ion   | 117   | Resp  | 459238 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 117       | 100   |       |        |
| 82        | 51.4  | 41.5  | 62.3   |
| 119       | 32.6  | 25.6  | 38.4   |





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3591

Delta R.T. 0.00 min

Lab File: VN061797.D

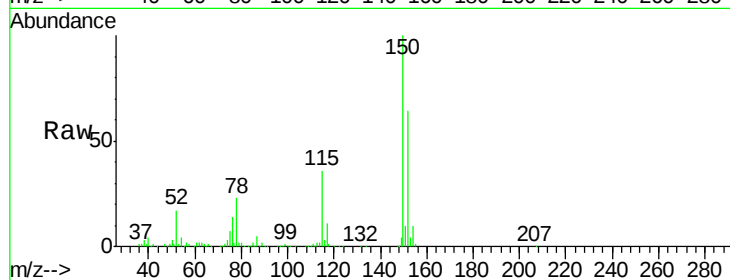
Acq: 12 Jun 2020 17:34

Instrument :

MSVOA\_N

ClientSampleId :

RE122D2-20200610



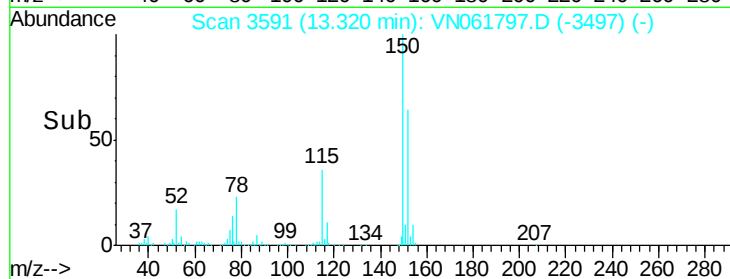
Tot Ion:152 Resp: 201423

Ion Ratio Lower Upper

152 100

115 56.2 28.0 84.0

150 158.4 0.0 344.0



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

