

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN060820\  
 Data File : VN061699.D  
 Acq On : 8 Jun 2020 16:31  
 Operator : JC/MD  
 Sample : L2890-08  
 Misc : 5.00mL/MSVOA N/WATER  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 26572-25062-251686

Quant Time: Jun 09 04:10:55 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

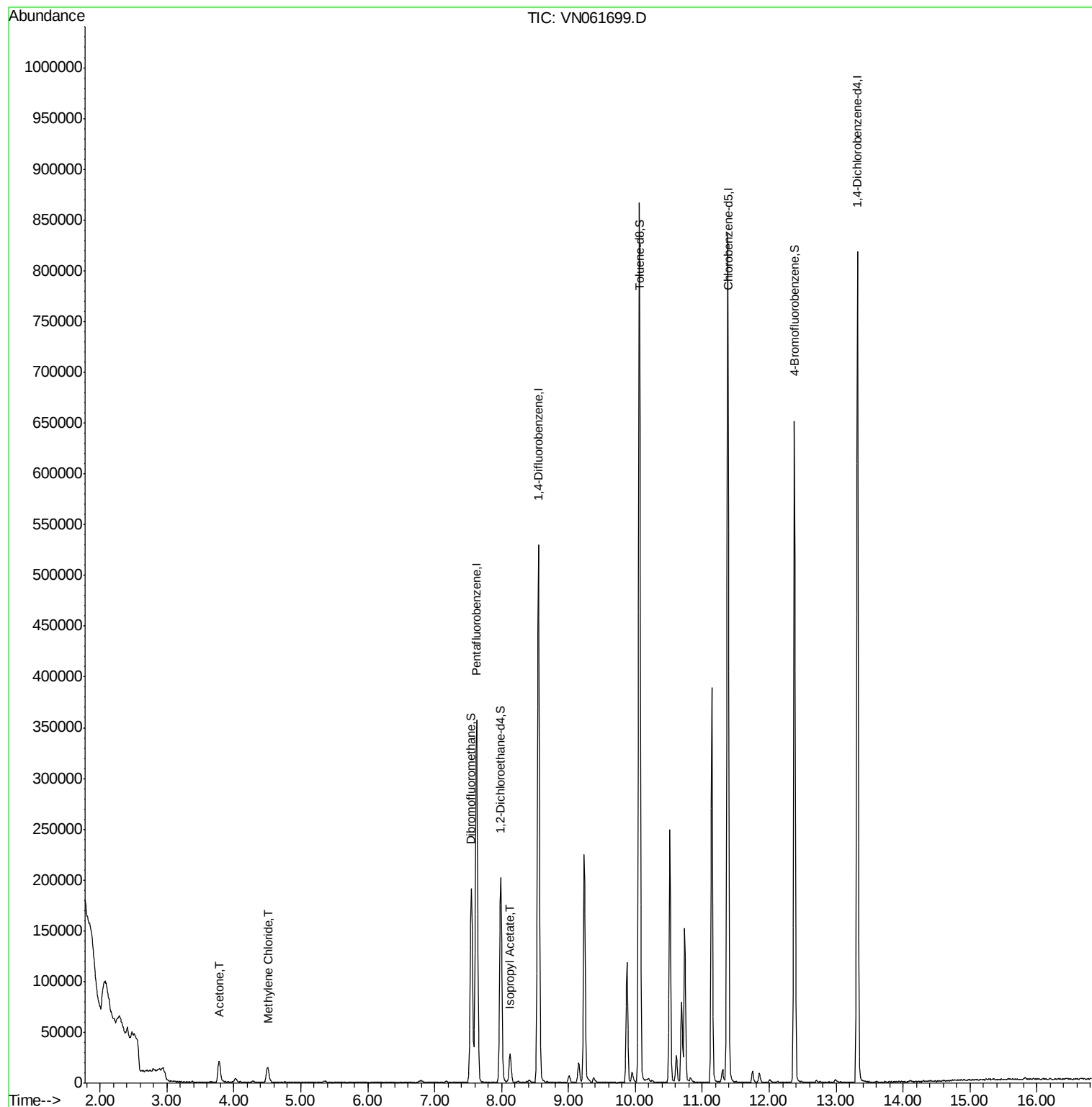
| Internal Standards          | R.T.  | QIon | Response | Conc   | Units   | Dev(Min) |
|-----------------------------|-------|------|----------|--------|---------|----------|
| 1) Pentafluorobenzene       | 7.63  | 168  | 299958   | 50.00  | ug/l    | 0.00     |
| 34) 1,4-Difluorobenzene     | 8.55  | 114  | 518493   | 50.00  | ug/l    | 0.00     |
| 63) Chlorobenzene-d5        | 11.38 | 117  | 517983   | 50.00  | ug/l    | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 13.32 | 152  | 234217   | 50.00  | ug/l    | 0.00     |
| System Monitoring Compounds |       |      |          |        |         |          |
| 33) 1,2-Dichloroethane-d4   | 7.99  | 65   | 171133   | 47.89  | ug/l    | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =      | 95.78%  |          |
| 35) Dibromofluoromethane    | 7.55  | 113  | 149035   | 56.66  | ug/l    | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =      | 113.32% |          |
| 50) Toluene-d8              | 10.06 | 98   | 622649   | 51.08  | ug/l    | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =      | 102.16% |          |
| 62) 4-Bromofluorobenzene    | 12.38 | 95   | 225152   | 50.63  | ug/l    | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =      | 101.26% |          |
| Target Compounds            |       |      |          |        |         |          |
| 16) Acetone                 | 3.78  | 43   | 34117    | 29.161 | ug/l    | 98       |
| 20) Methylene Chloride      | 4.51  | 84   | 12200    | 2.089  | ug/l    | 94       |
| 43) Isopropyl Acetate       | 8.13  | 43   | 31771    | 4.777  | ug/l #  | 91       |

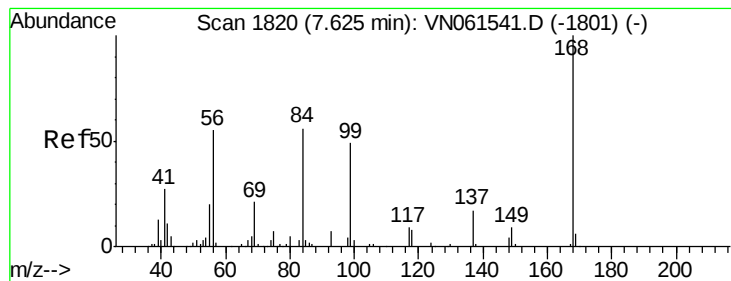
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN060820\  
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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: VN061699.D

Acq: 8 Jun 2020 16:31

Instrument :

MSVOA\_N

ClientSampleId :

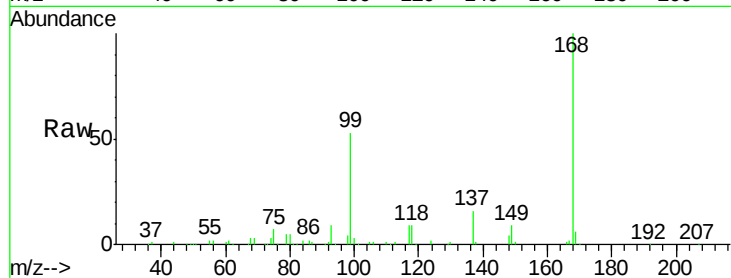
26572-25062-251686

Tot Ion:168 Resp: 299958

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): VN0

7.63

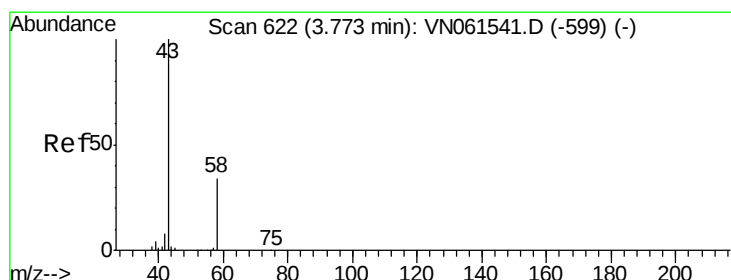
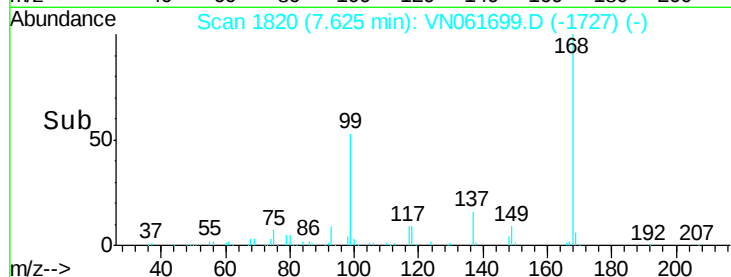
150000

100000

50000

0

Time--> 7.50 7.55 7.60 7.65 7.70



#16

Acetone

Concen: 29.161 ug/l

RT: 3.78 min Scan# 624

Delta R.T. 0.01 min

Lab File: VN061699.D

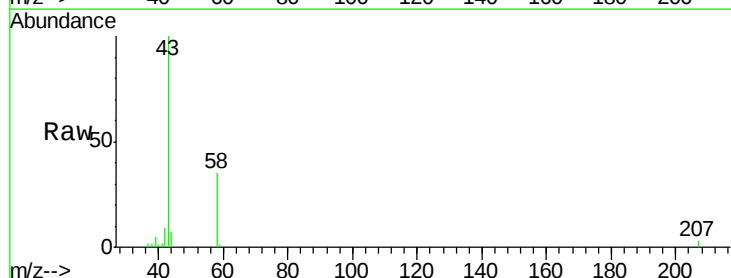
Acq: 8 Jun 2020 16:31

Tgt Ion: 43 Resp: 34117

Ion Ratio Lower Upper

43 100

58 35.3 27.2 40.8



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

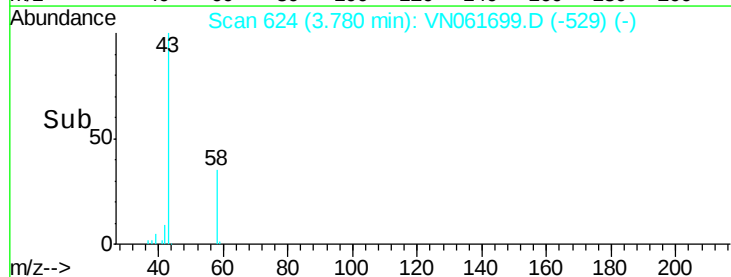
15000

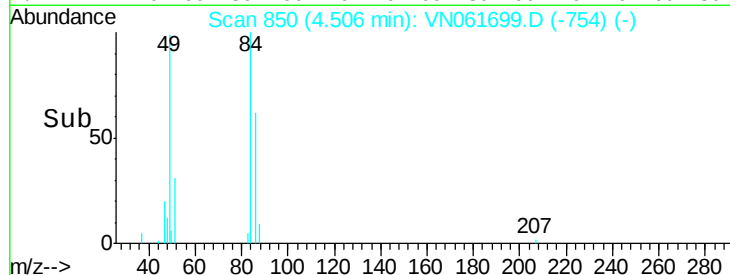
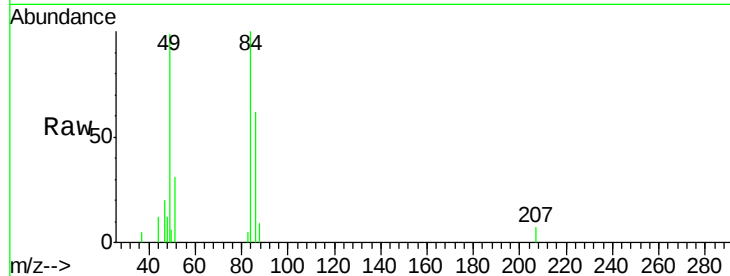
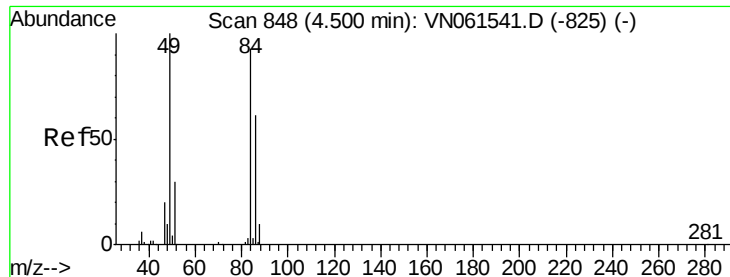
10000

5000

0

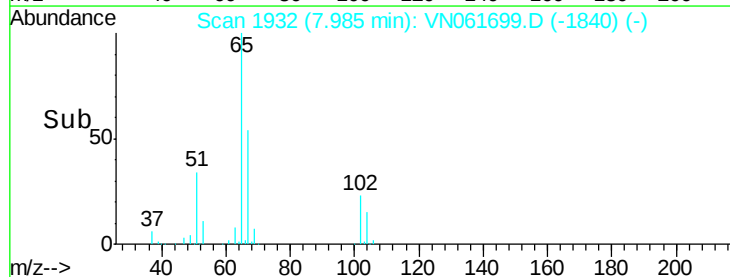
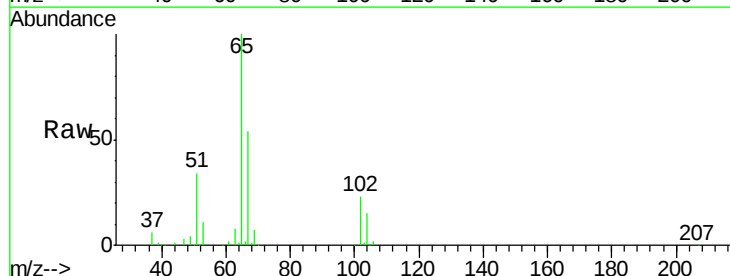
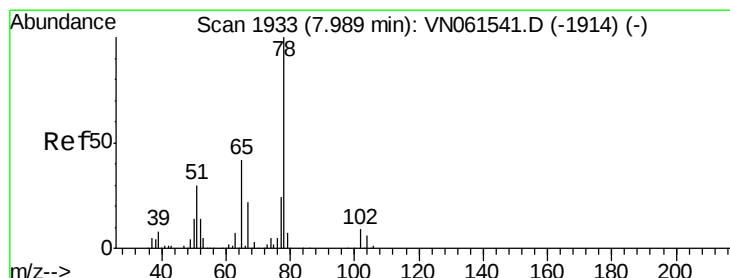
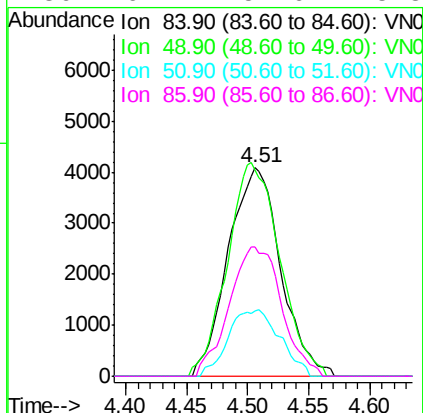
Time--> 3.70 3.75 3.80 3.85





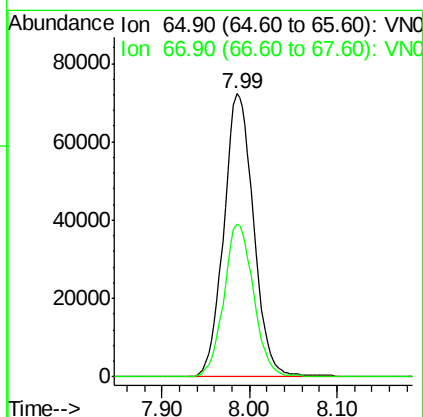
#20  
Methvlene Chloride  
Concen: 2.089 ug/l  
RT: 4.51 min Scan# 850  
Delta R.T. 0.01 min  
Lab File: VN061699.D  
Acq: 8 Jun 2020 16:31

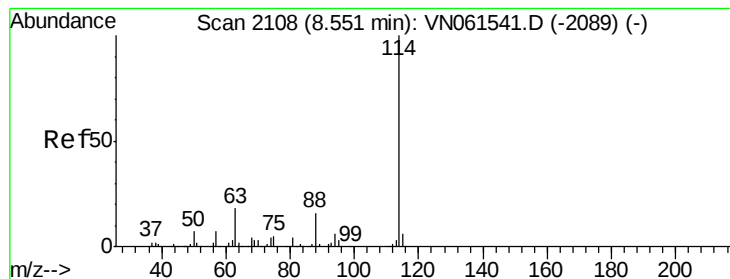
| Tot Ion: | 84    | Resp: | 12200 |
|----------|-------|-------|-------|
| Ion      | Ratio | Lower | Upper |
| 84       | 100   |       |       |
| 49       | 99.1  | 85.8  | 128.8 |
| 51       | 31.1  | 26.2  | 39.2  |
| 86       | 62.2  | 52.6  | 78.8  |



#33  
1,2-Dichloroethane-d4  
Concen: 47.885 ug/l  
RT: 7.99 min Scan# 1932  
Delta R.T. -0.00 min  
Lab File: VN061699.D  
Acq: 8 Jun 2020 16:31

| Tgt Ion: | 65    | Resp: | 171133 |
|----------|-------|-------|--------|
| Ion      | Ratio | Lower | Upper  |
| 65       | 100   |       |        |
| 67       | 53.5  | 0.0   | 104.8  |





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.55 min Scan# 2108

Delta R.T. 0.00 min

Lab File: VN061699.D

Acq: 8 Jun 2020 16:31

Instrument :

MSVOA\_N

ClientSampleId :

26572-25062-251686

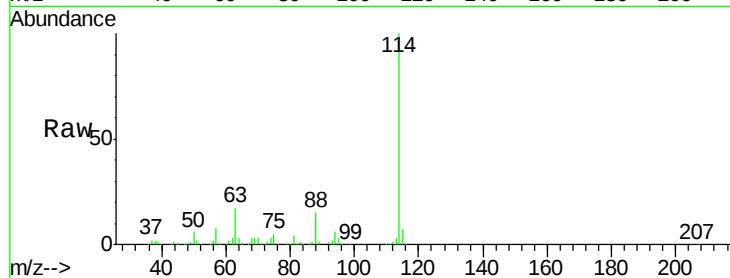
Tot Ion:114 Resp: 518493

Ion Ratio Lower Upper

114 100

63 16.9 0.0 35.8

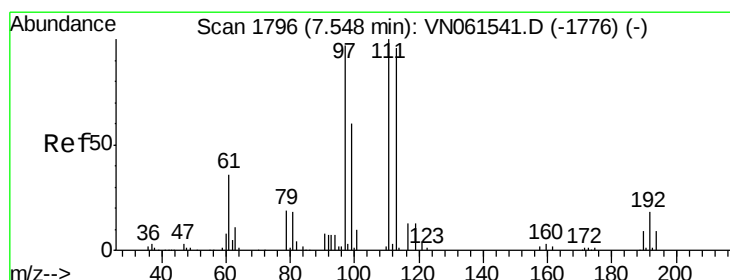
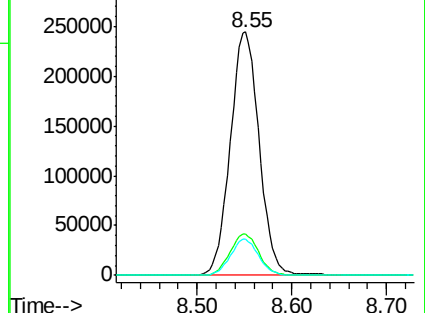
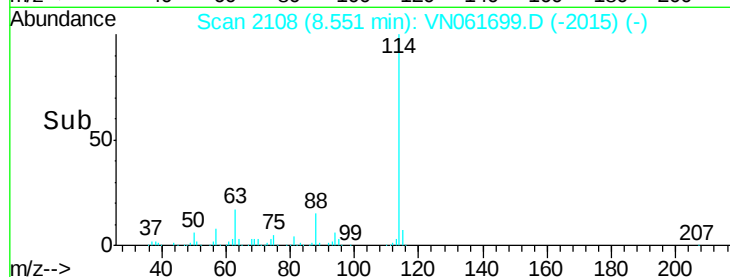
88 14.8 0.0 31.0



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: 56.663 ug/l

RT: 7.55 min Scan# 1796

Delta R.T. 0.00 min

Lab File: VN061699.D

Acq: 8 Jun 2020 16:31

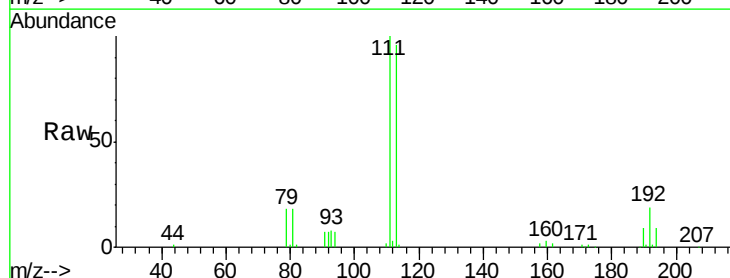
Tgt Ion:113 Resp: 149035

Ion Ratio Lower Upper

113 100

111 102.0 83.4 125.0

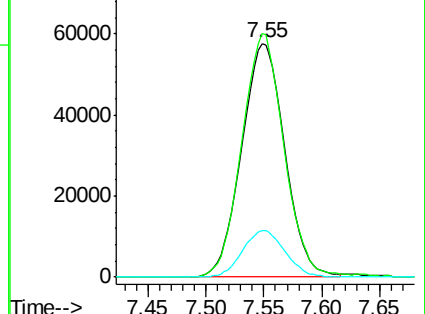
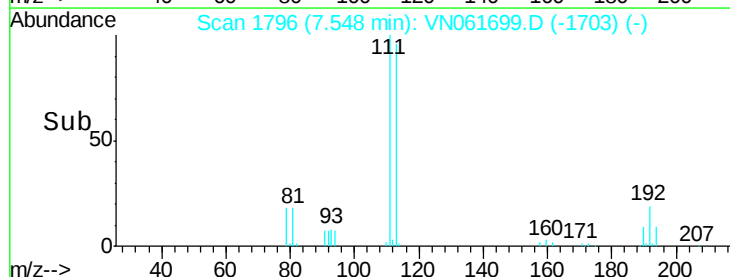
192 19.7 15.4 23.2

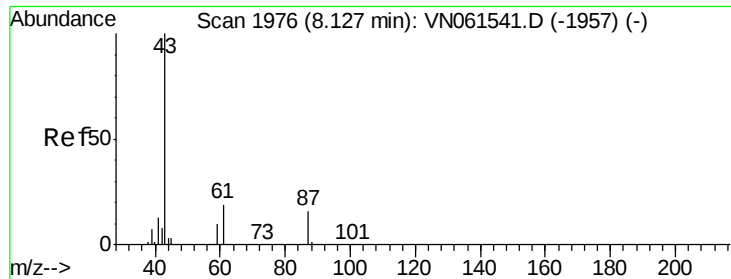


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 4.777 ug/l

RT: 8.13 min Scan# 1977

Delta R.T. 0.00 min

Lab File: VN061699.D

Acq: 8 Jun 2020 16:31

Instrument :

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26572-25062-251686

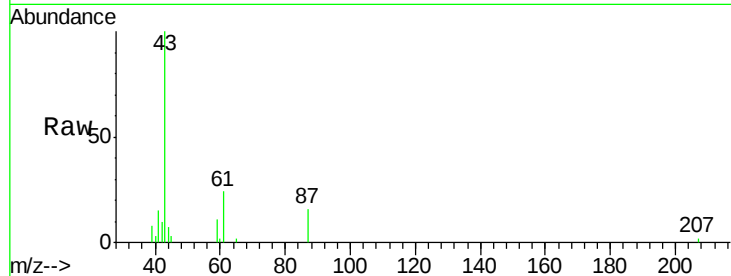
Tot Ion: 43 Resp: 31771

Ion Ratio Lower Upper

43 100

61 22.5 23.6 35.4#

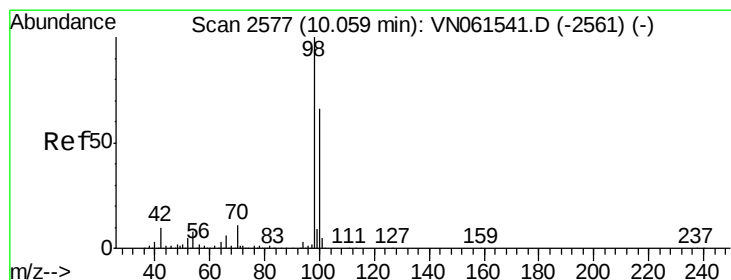
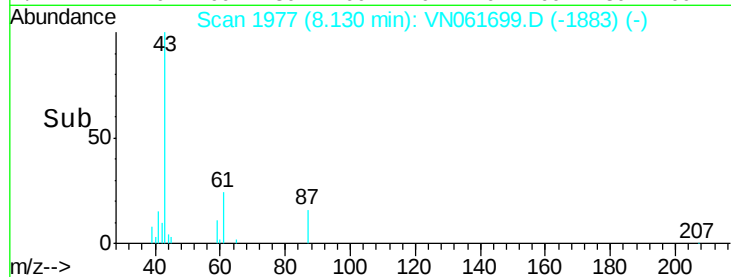
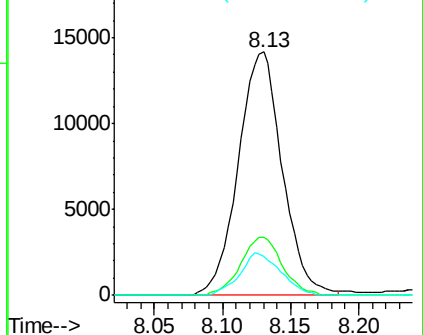
87 16.0 13.0 19.6



Abundance Ion 43.00 (42.70 to 43.70): VN061541.D (-1957) (-)

Ion 61.00 (60.70 to 61.70): VN061541.D (-1957) (-)

Ion 87.00 (86.70 to 87.70): VN061541.D (-1957) (-)



#50

Toluene-d8

Concen: 51.084 ug/l

RT: 10.06 min Scan# 2577

Delta R.T. 0.00 min

Lab File: VN061699.D

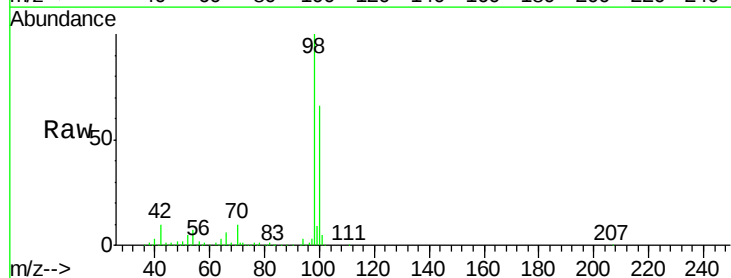
Acq: 8 Jun 2020 16:31

Tgt Ion: 98 Resp: 622649

Ion Ratio Lower Upper

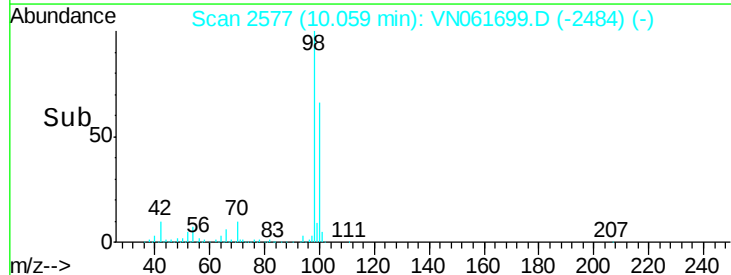
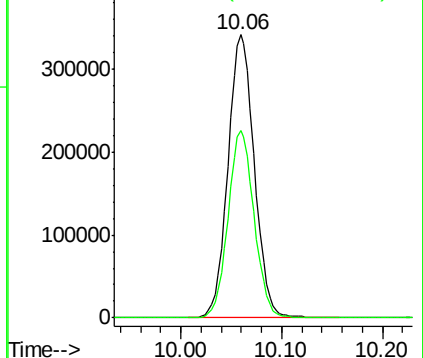
98 100

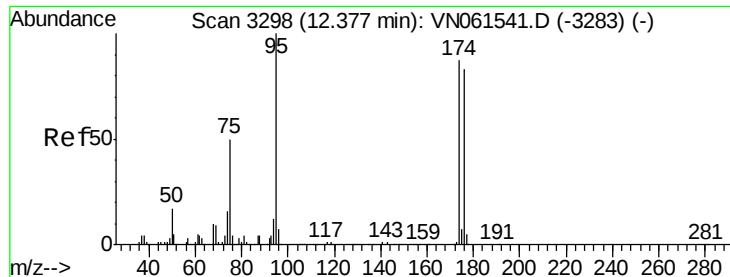
100 65.4 52.8 79.2



Abundance Ion 98.00 (97.70 to 98.70): VN061541.D (-2561) (-)

Ion 100.00 (99.70 to 100.70): VN061541.D (-2561) (-)





#62

4-Bromofluorobenzene

Concen: 50.631 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. 0.00 min

Lab File: VN061699.D

Acq: 8 Jun 2020 16:31

Instrument :

MSVOA\_N

ClientSampleId :

26572-25062-251686

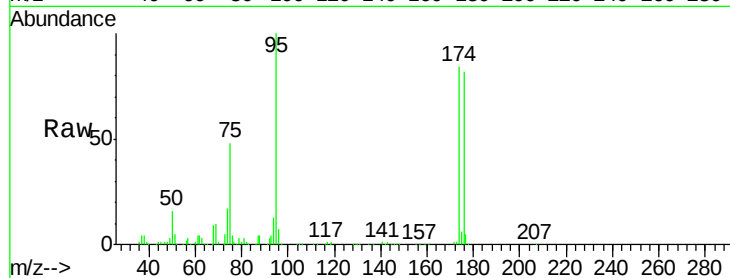
Tot Ion: 95 Resp: 225152

Ion Ratio Lower Upper

95 100

174 84.6 0.0 172.8

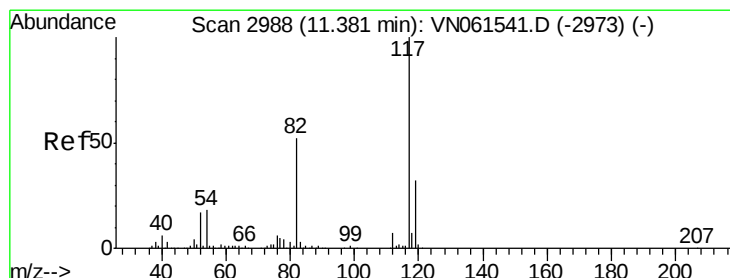
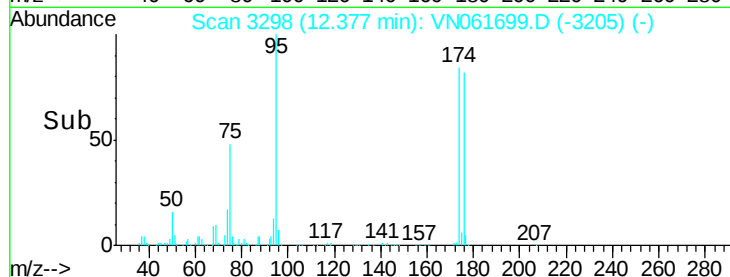
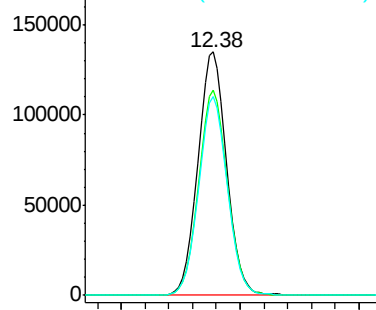
176 81.7 0.0 164.8



Abundance Ion 94.90 (94.60 to 95.60): VN

Ion 173.80 (173.50 to 174.50): VN

Ion 175.80 (175.50 to 176.50): VN



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.38 min Scan# 2988

Delta R.T. 0.00 min

Lab File: VN061699.D

Acq: 8 Jun 2020 16:31

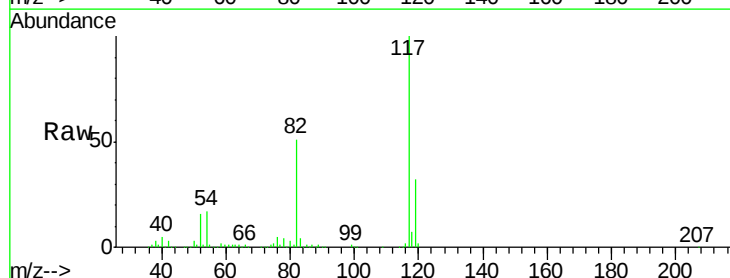
Tgt Ion: 117 Resp: 517983

Ion Ratio Lower Upper

117 100

82 50.9 41.5 62.3

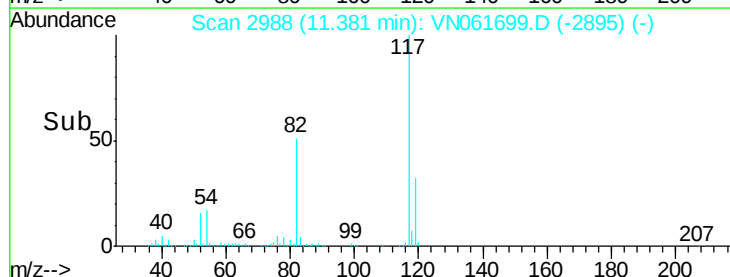
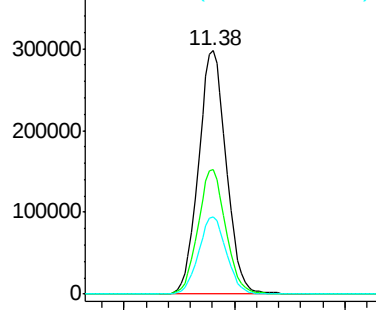
119 32.0 25.6 38.4

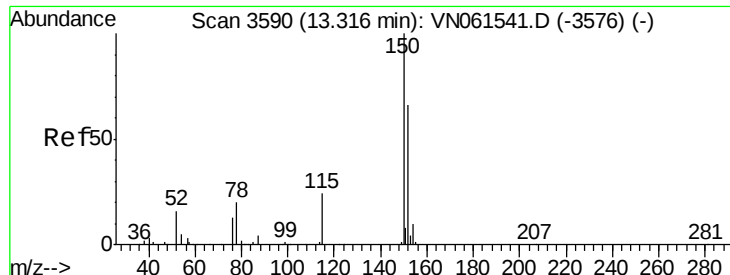


Abundance Ion 116.90 (116.60 to 117.60): VN

Ion 82.00 (81.70 to 82.70): VN

Ion 118.90 (118.60 to 119.60): VN





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3591

Delta R.T. 0.00 min

Lab File: VN061699.D

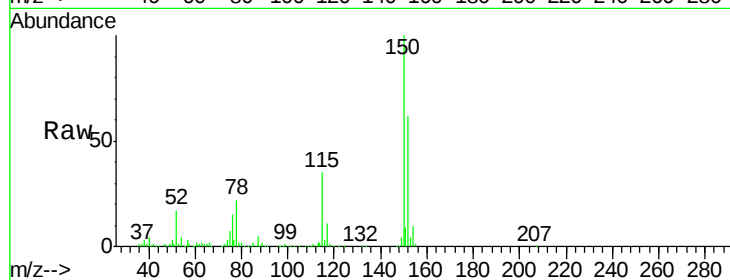
Acq: 8 Jun 2020 16:31

Instrument :

MSVOA\_N

ClientSampleId :

26572-25062-251686



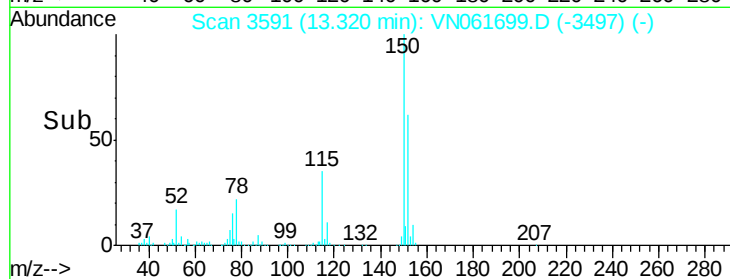
Tot Ion:152 Resp: 234217

Ion Ratio Lower Upper

152 100

115 56.3 28.0 84.0

150 155.6 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

