

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN101319\  
 Data File : VN058737.D  
 Acq On : 12 Oct 2019 5:12  
 Operator : JC/SP  
 Sample : K5292-08  
 Misc : 5.00mL/MSVOA N/WATER  
 ALS Vial : 49 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 20190858-AMENDED-COMP-E

Quant Time: Oct 12 07:01:35 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_N\METHODS\82N101319W.M  
 Quant Title : SW846 8260  
 QLast Update : Sat Oct 12 00:00:30 2019  
 Response via : Initial Calibration

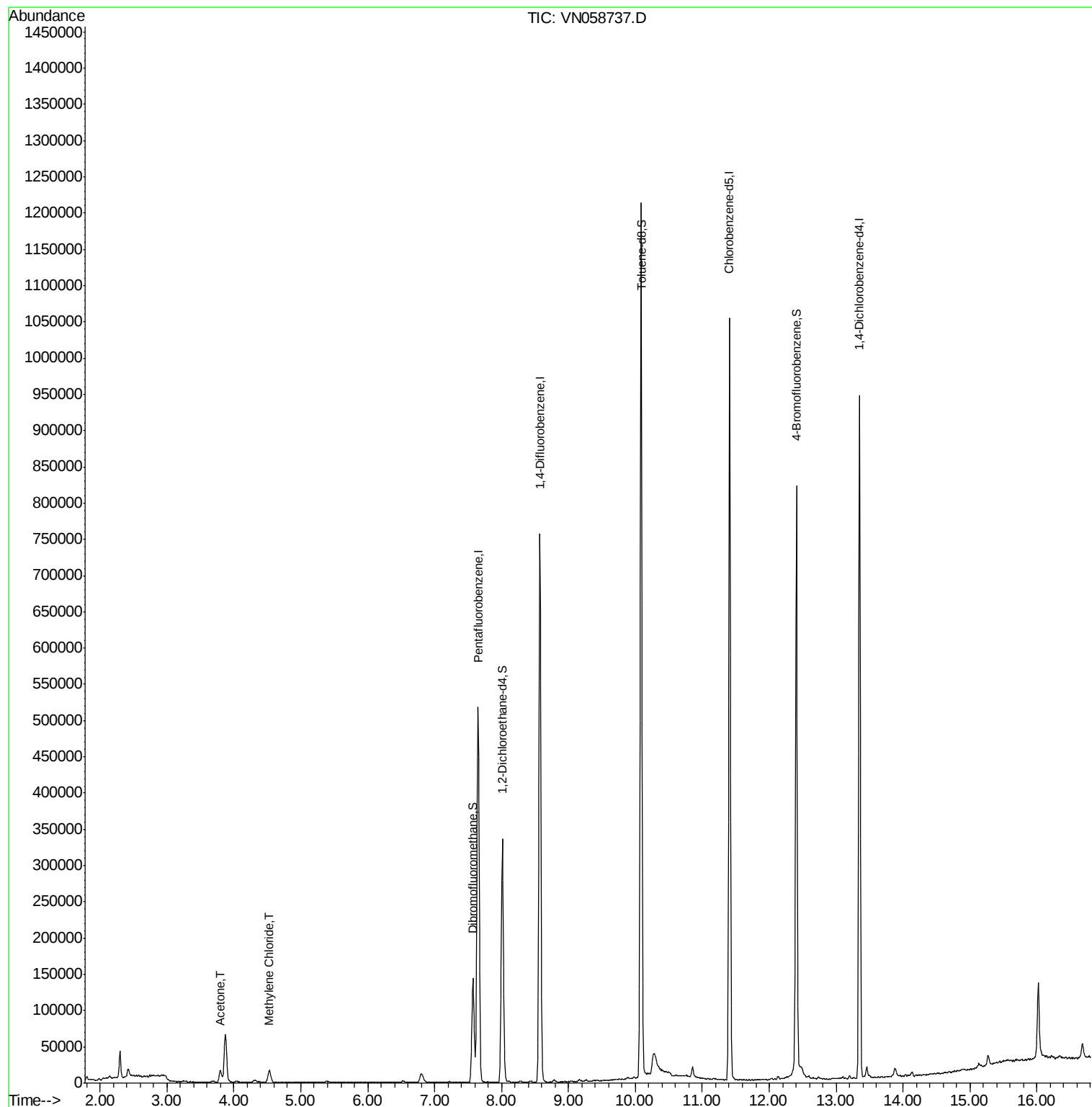
| Internal Standards          | R.T.  | QIon | Response | Conc   | Units   | Dev(Min) |
|-----------------------------|-------|------|----------|--------|---------|----------|
| 1) Pentafluorobenzene       | 7.65  | 168  | 405100   | 50.00  | ug/l    | 0.00     |
| 34) 1,4-Difluorobenzene     | 8.57  | 114  | 642721   | 50.00  | ug/l    | 0.00     |
| 63) Chlorobenzene-d5        | 11.41 | 117  | 577663   | 50.00  | ug/l    | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 13.35 | 152  | 239142   | 50.00  | ug/l    | 0.00     |
| System Monitoring Compounds |       |      |          |        |         |          |
| 33) 1,2-Dichloroethane-d4   | 8.01  | 65   | 297874   | 52.52  | ug/l    | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =      | 105.04% |          |
| 35) Dibromofluoromethane    | 7.57  | 113  | 109982   | 27.70  | ug/l    | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =      | 55.40%  |          |
| 50) Toluene-d8              | 10.08 | 98   | 813497   | 51.24  | ug/l    | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =      | 102.48% |          |
| 62) 4-Bromofluorobenzene    | 12.40 | 95   | 272050   | 45.27  | ug/l    | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =      | 90.54%  |          |
| Target Compounds            |       |      |          |        |         |          |
| 16) Acetone                 | 3.80  | 43   | 29231    | 12.450 | ug/l    | 97       |
| 20) Methylene Chloride      | 4.53  | 84   | 11904    | 2.426  | ug/l    | 99       |

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN101319\  
Data File : VN058737.D  
Acq On : 12 Oct 2019 5:12  
Operator : JC/SP  
Sample : K5292-08  
Misc : 5.00mL/MSVOA N/WATER  
ALS Vial : 49 Sample Multiplier: 1

Instrument :  
MSVOA\_N  
ClientSampleId :  
20190858-AMENDED-COMP-E

Quant Time: Oct 12 07:01:35 2019  
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_N\METHODS\82N101319W.M  
Quant Title : SW846 8260  
QLast Update : Sat Oct 12 00:00:30 2019  
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.65 min Scan# 1827

Delta R.T. -0.00 min

Lab File: VN058737.D

Acq: 12 Oct 2019 5:12

Instrument :

MSVOA\_N

ClientSampleId :

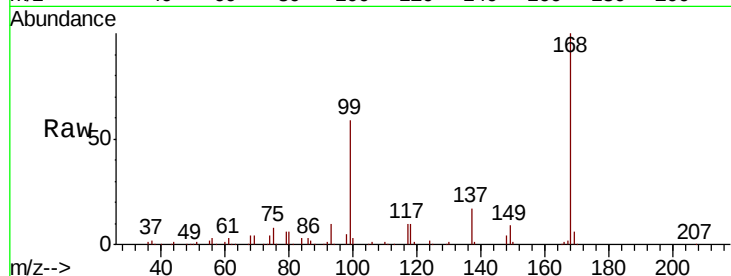
20190858-AMENDED-COMP-E

Tot Ion:168 Resp: 405100

Ion Ratio Lower Upper

168 100

99 59.4 47.5 71.3



Abundance Ion 167.90 (167.60 to 168.60): VN058737.D (-1734) (-)

Ion 98.90 (98.60 to 99.60): VN058737.D (-1734) (-)

7.65

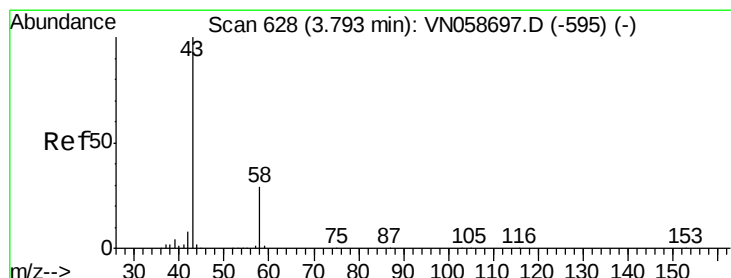
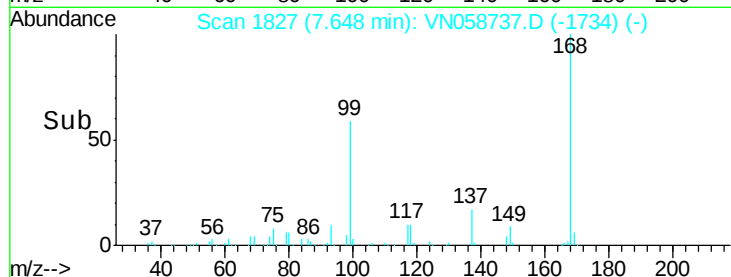
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 12.450 ug/l

RT: 3.80 min Scan# 629

Delta R.T. 0.00 min

Lab File: VN058737.D

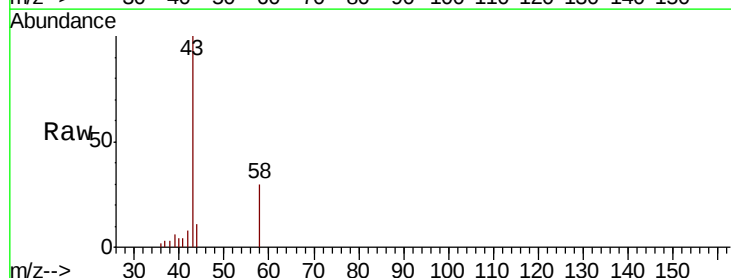
Acq: 12 Oct 2019 5:12

Tgt Ion: 43 Resp: 29231

Ion Ratio Lower Upper

43 100

58 30.5 23.3 34.9



Abundance Ion 43.00 (42.70 to 43.70): VN058737.D (-535) (-)

Ion 58.00 (57.70 to 58.70): VN058737.D (-535) (-)

3.80

12000

10000

8000

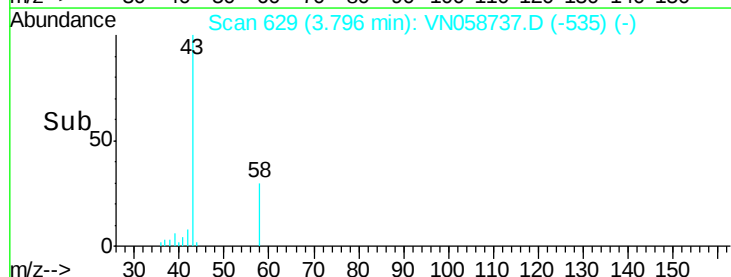
6000

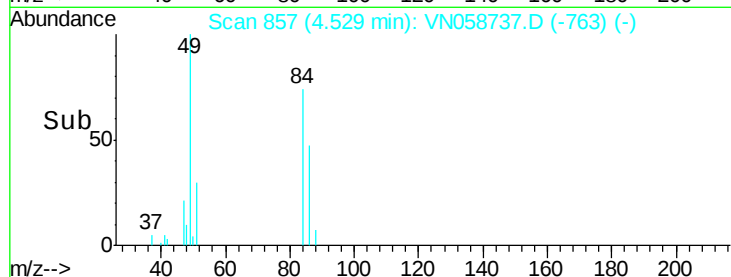
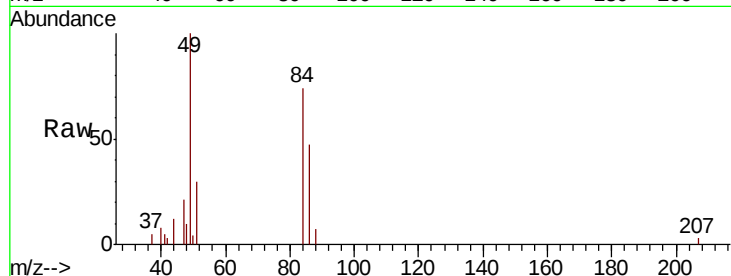
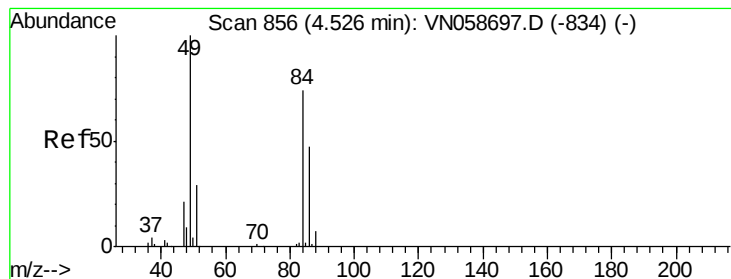
4000

2000

0

Time-->





#20

Methylene Chloride

Concen: 2.426 ug/l

RT: 4.53 min Scan# 857

Delta R.T. 0.00 min

Lab File: VN058737.D

Acq: 12 Oct 2019 5:12

Instrument :

MSVOA\_N

ClientSampleId :

20190858-AMENDED-COMP-E

Tot Ion: 84 Resp: 11904

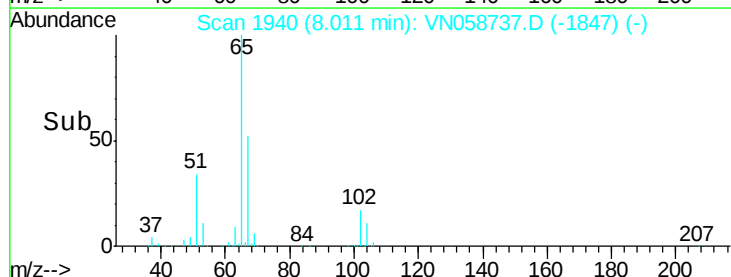
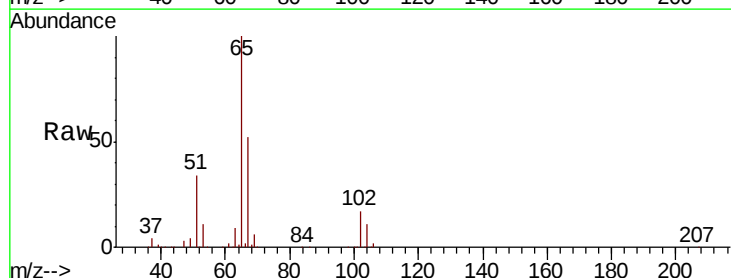
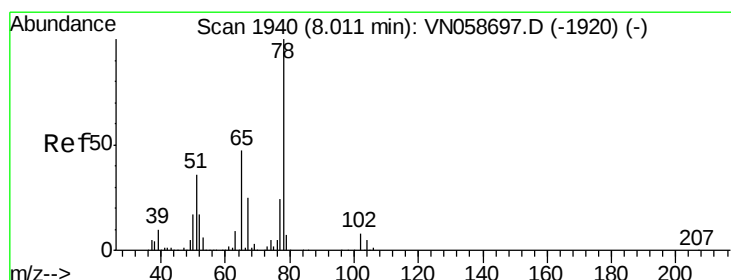
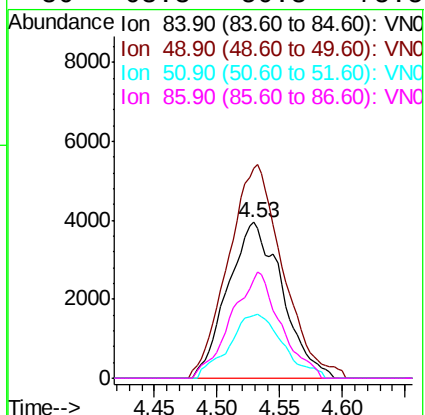
Ion Ratio Lower Upper

84 100

49 135.0 107.6 161.4

51 40.5 31.4 47.0

86 63.3 50.3 75.5



#33

1,2-Dichloroethane-d4

Concen: 52.523 ug/l

RT: 8.01 min Scan# 1940

Delta R.T. -0.00 min

Lab File: VN058737.D

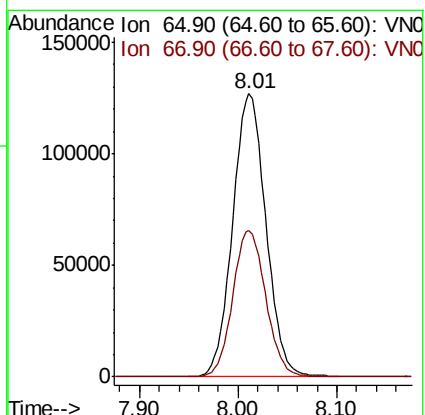
Acq: 12 Oct 2019 5:12

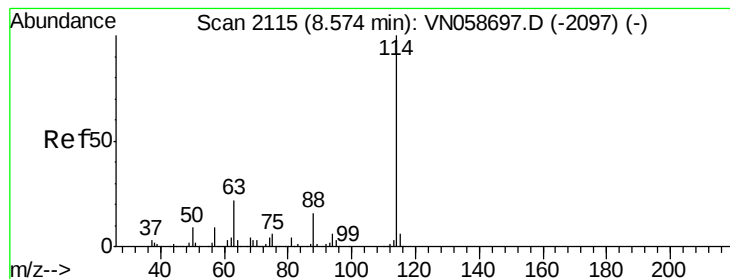
Tgt Ion: 65 Resp: 297874

Ion Ratio Lower Upper

65 100

67 51.2 0.0 103.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.57 min Scan# 2115

Delta R.T. 0.00 min

Lab File: VN058737.D

Acq: 12 Oct 2019 5:12

Instrument :

MSVOA\_N

ClientSampleId :

20190858-AMENDED-COMP-E

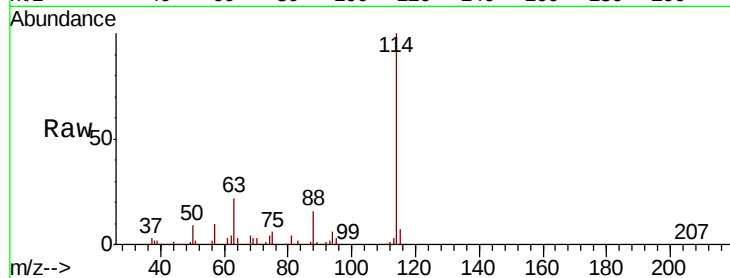
Tot Ion:114 Resp: 642721

Ion Ratio Lower Upper

114 100

63 22.2 0.0 43.8

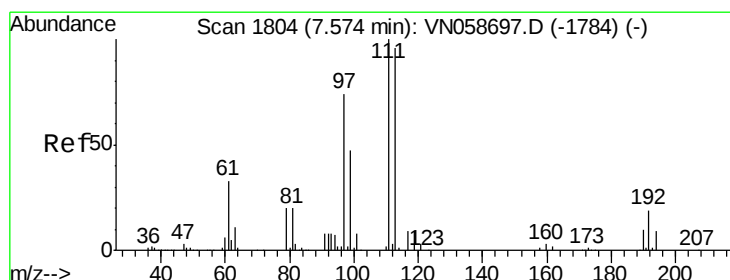
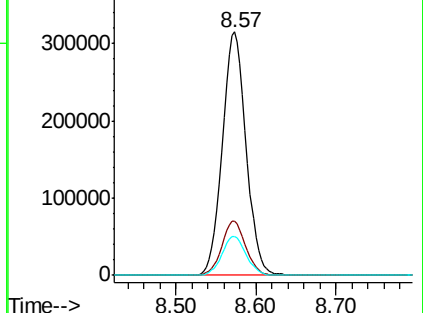
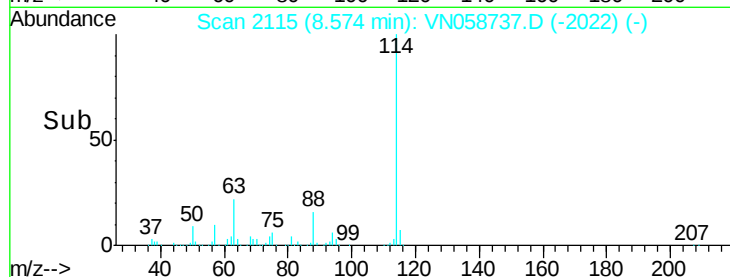
88 16.1 0.0 32.0



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: 27.704 ug/l

RT: 7.57 min Scan# 1804

Delta R.T. -0.00 min

Lab File: VN058737.D

Acq: 12 Oct 2019 5:12

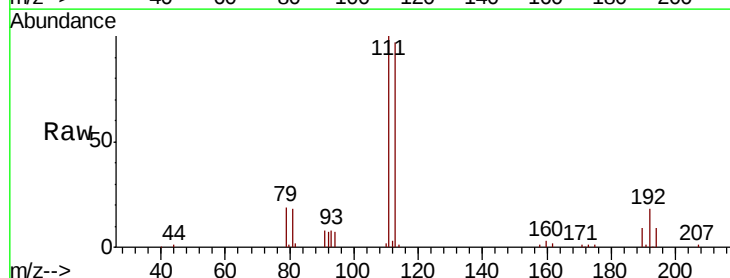
Tgt Ion:113 Resp: 109982

Ion Ratio Lower Upper

113 100

111 102.3 82.3 123.5

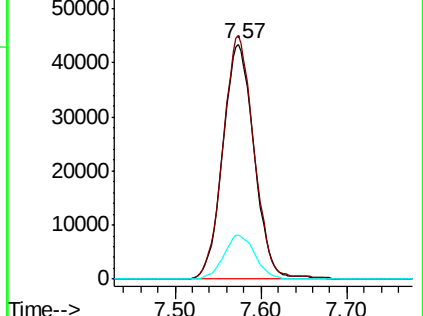
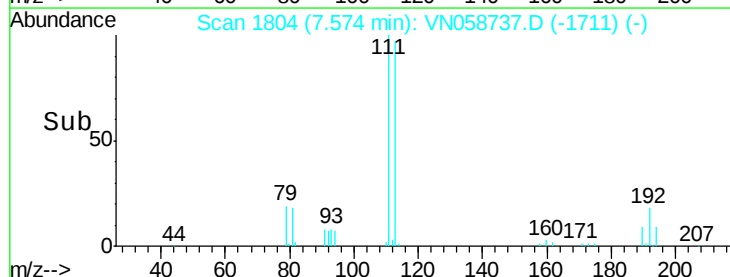
192 18.4 15.0 22.6

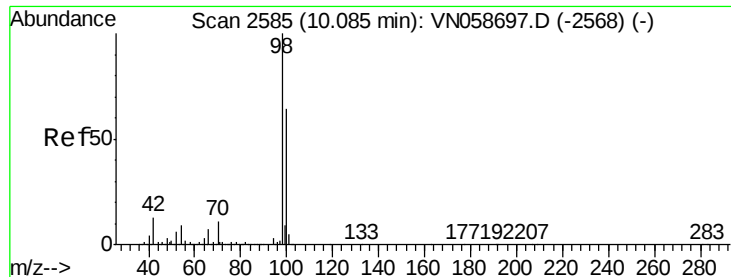


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 51.243 ug/l

RT: 10.08 min Scan# 2585

Delta R.T. -0.00 min

Lab File: VN058737.D

Acq: 12 Oct 2019 5:12

Instrument :

MSVOA\_N

ClientSampleId :

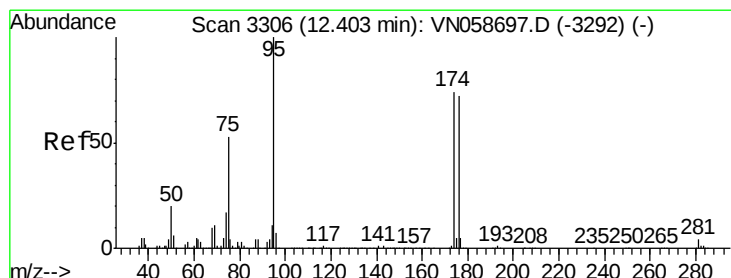
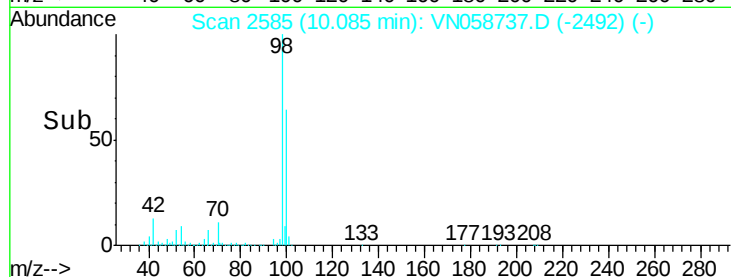
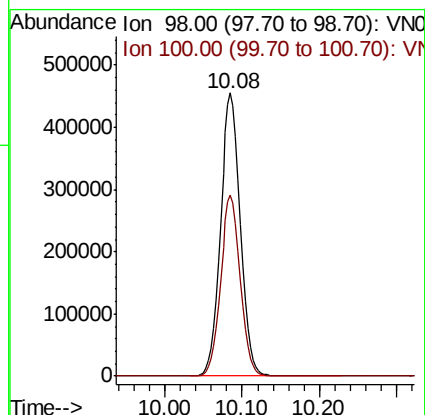
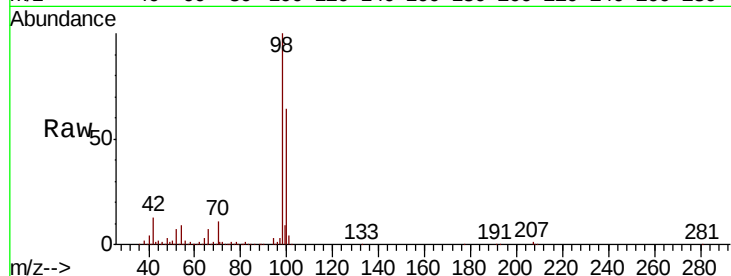
20190858-AMENDED-COMP-E

Tot Ion: 98 Resp: 813497

Ion Ratio Lower Upper

98 100

100 63.5 51.1 76.7



#62

4-Bromofluorobenzene

Concen: 45.272 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. -0.00 min

Lab File: VN058737.D

Acq: 12 Oct 2019 5:12

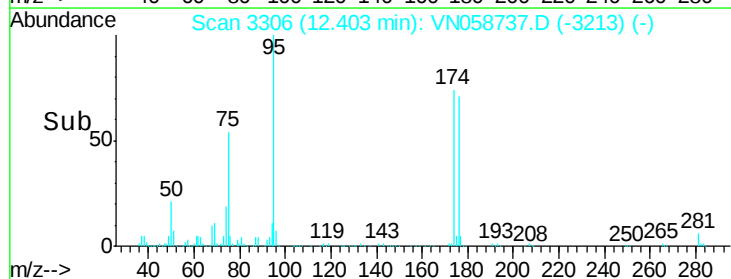
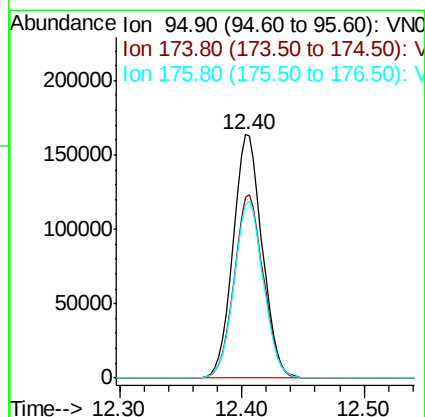
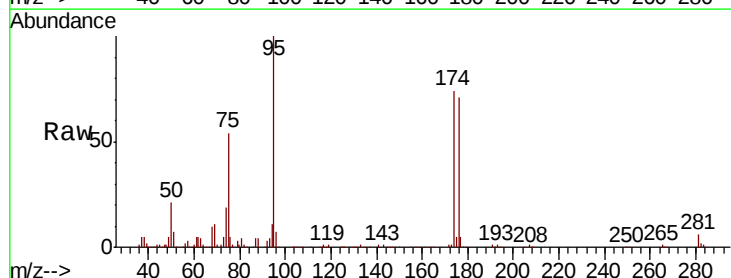
Tgt Ion: 95 Resp: 272050

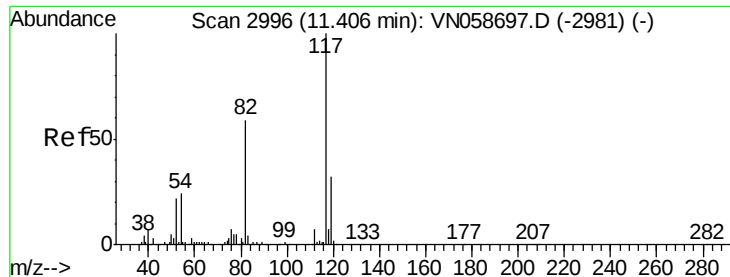
Ion Ratio Lower Upper

95 100

174 75.4 0.0 150.4

176 72.8 0.0 146.8

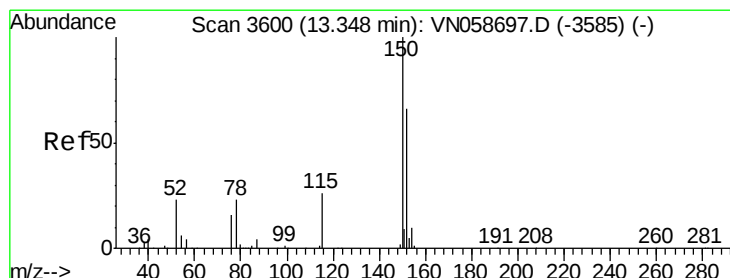
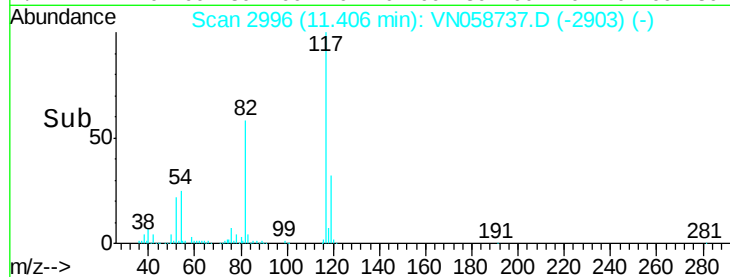
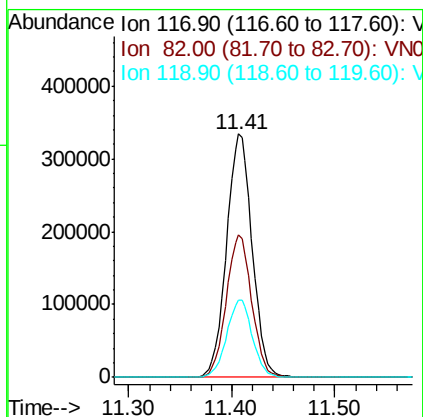
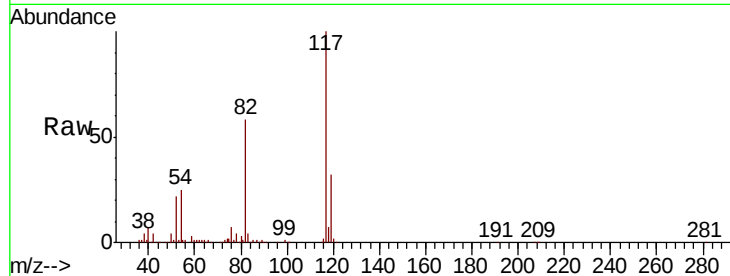




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.41 min Scan# 2996  
Delta R.T. 0.00 min  
Lab File: VN058737.D  
Acq: 12 Oct 2019 5:12

Instrument :  
MSVOA\_N  
ClientSampleId :  
20190858-AMENDED-COMP-E

Tot Ion:117 Resp: 577663  
Ion Ratio Lower Upper  
117 100  
82 58.5 47.0 70.4  
119 31.9 25.4 38.2



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.35 min Scan# 3600  
Delta R.T. -0.00 min  
Lab File: VN058737.D  
Acq: 12 Oct 2019 5:12

Tgt Ion:152 Resp: 239142  
Ion Ratio Lower Upper  
152 100  
115 60.3 30.4 91.2  
150 157.0 0.0 345.4

