

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN091020\  
 Data File : VN063301.D  
 Acq On : 10 Sep 2020 18:10  
 Operator : JC/MD  
 Sample : L3930-02  
 Misc : 4.13g/5mL/100uL/5.00mL/MSVOA\_N/MEOH  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 72-11977

Quant Time: Sep 11 06:27:41 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_N\METHODS\82N091020W.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Sep 11 06:02:56 2020  
 Response via : Initial Calibration

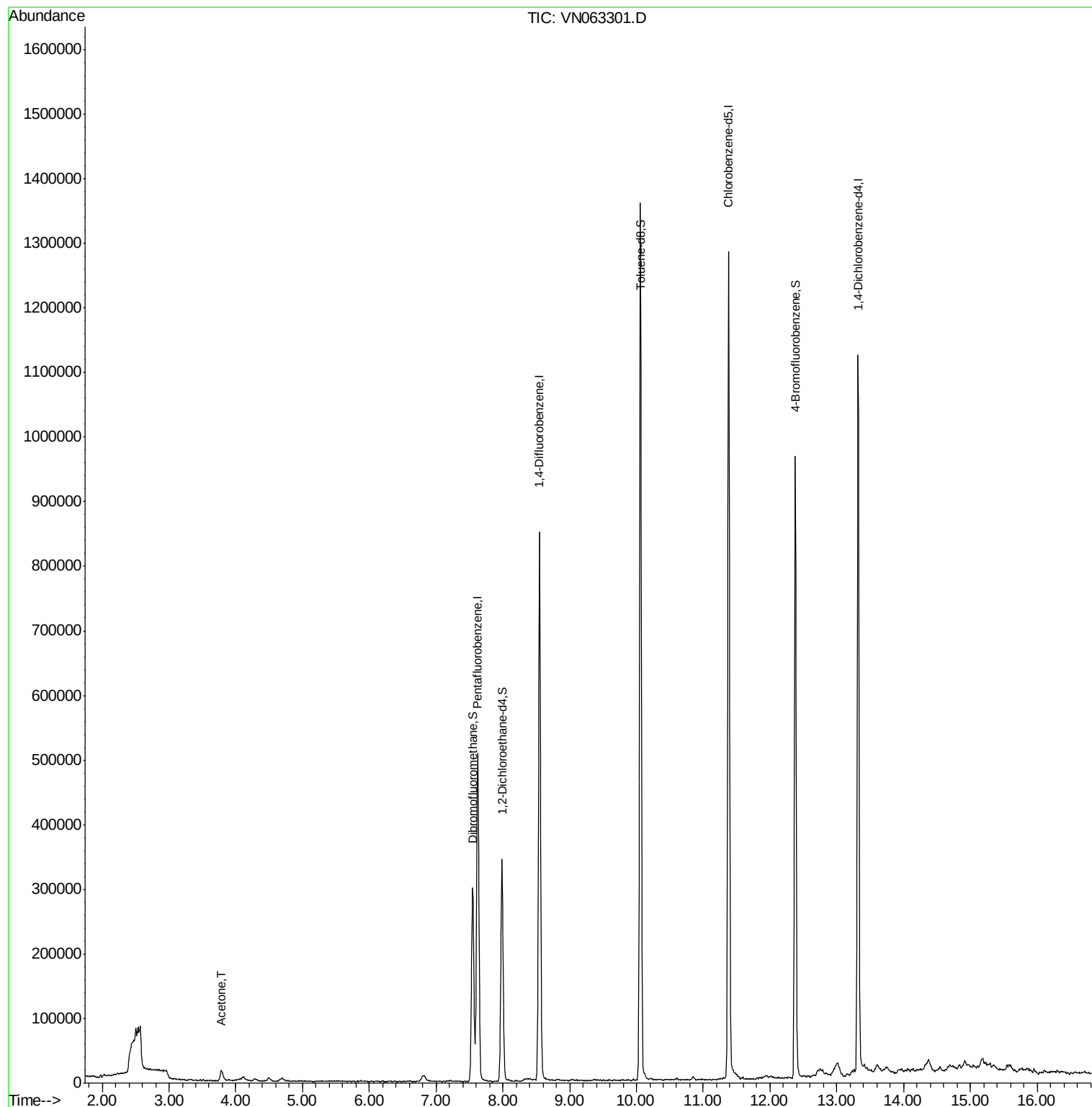
| Internal Standards          | R.T.  | QIon | Response | Conc   | Units   | Dev(Min)  |
|-----------------------------|-------|------|----------|--------|---------|-----------|
| 1) Pentafluorobenzene       | 7.62  | 168  | 386670   | 50.00  | ug/l    | 0.00      |
| 34) 1,4-Difluorobenzene     | 8.55  | 114  | 734869   | 50.00  | ug/l    | 0.00      |
| 63) Chlorobenzene-d5        | 11.38 | 117  | 697381   | 50.00  | ug/l    | 0.00      |
| 72) 1,4-Dichlorobenzene-d4  | 13.32 | 152  | 281723   | 50.00  | ug/l    | 0.00      |
| System Monitoring Compounds |       |      |          |        |         |           |
| 33) 1,2-Dichloroethane-d4   | 7.99  | 65   | 299902   | 49.37  | ug/l    | 0.00      |
| Spiked Amount 50.000        |       |      | Recovery | =      | 98.74%  |           |
| 35) Dibromofluoromethane    | 7.55  | 113  | 231184   | 48.76  | ug/l    | 0.00      |
| Spiked Amount 50.000        |       |      | Recovery | =      | 97.52%  |           |
| 50) Toluene-d8              | 10.06 | 98   | 922046   | 50.75  | ug/l    | 0.00      |
| Spiked Amount 50.000        |       |      | Recovery | =      | 101.50% |           |
| 62) 4-Bromofluorobenzene    | 12.38 | 95   | 342322   | 51.01  | ug/l    | 0.00      |
| Spiked Amount 50.000        |       |      | Recovery | =      | 102.02% |           |
| Target Compounds            |       |      |          |        |         |           |
| 16) Acetone                 | 3.78  | 43   | 29337    | 13.985 | ug/l    | Qvalue 95 |

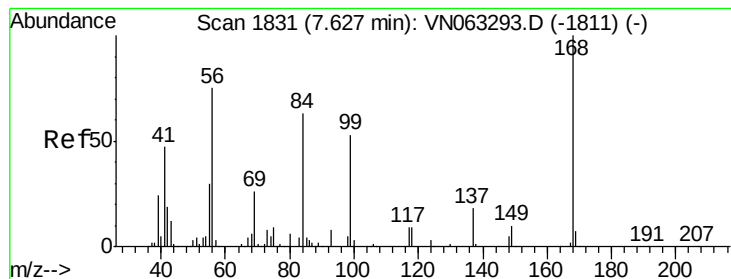
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN091020\  
Data File : VN063301.D  
Acq On : 10 Sep 2020 18:10  
Operator : JC/MD  
Sample : L3930-02  
Misc : 4.13g/5mL/100uL/5.00mL/MSVOA\_N/MEOH  
ALS Vial : 16 Sample Multiplier: 1

Instrument :  
MSVOA\_N  
ClientSampleId :  
72-11977

Quant Time: Sep 11 06:27:41 2020  
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_N\METHODS\82N091020W.M  
Quant Title : SW846 8260  
QLast Update : Fri Sep 11 06:02:56 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: VN063301.D

Acq: 10 Sep 2020 18:10

Instrument :

MSVOA\_N

ClientSampleId :

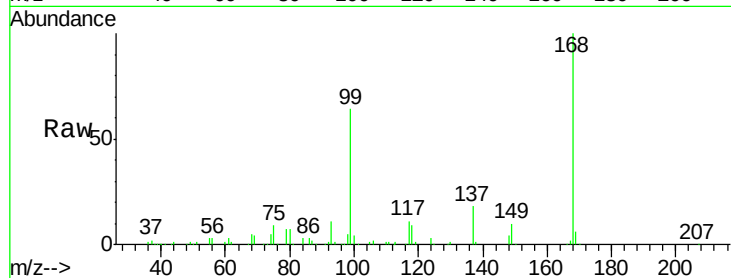
72-11977

Tot Ion:168 Resp: 386670

Ion Ratio Lower Upper

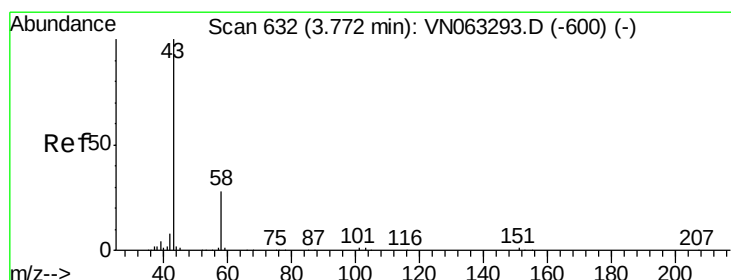
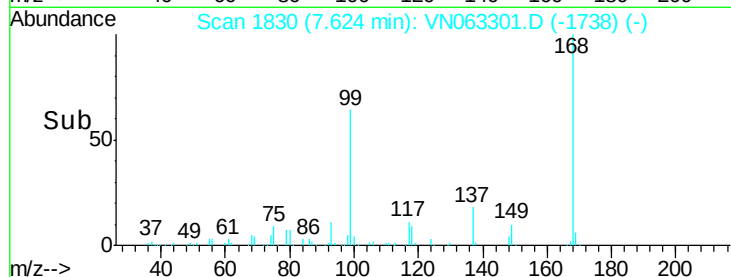
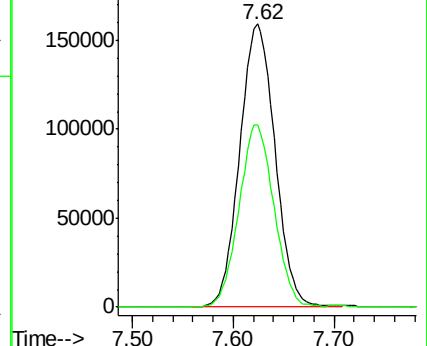
168 100

99 64.2 51.1 76.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#16

Acetone

Concen: 13.985 ug/l

RT: 3.78 min Scan# 635

Delta R.T. 0.01 min

Lab File: VN063301.D

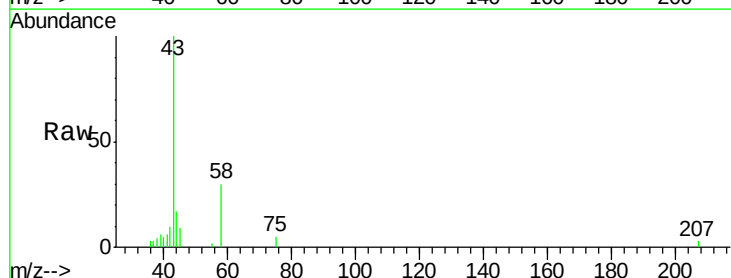
Acq: 10 Sep 2020 18:10

Tgt Ion: 43 Resp: 29337

Ion Ratio Lower Upper

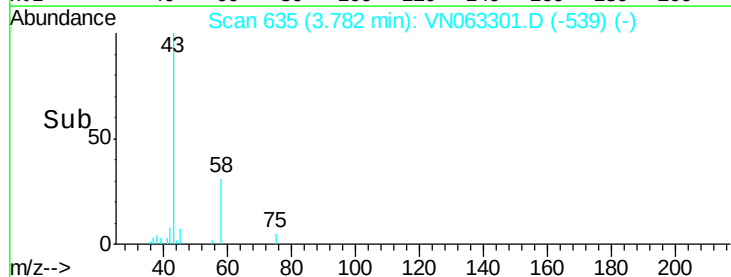
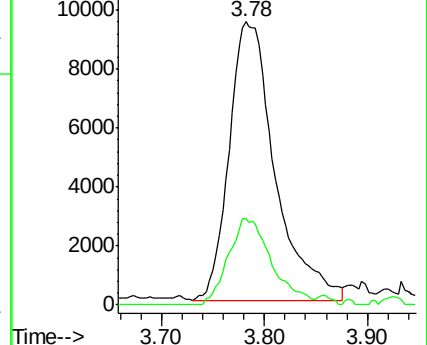
43 100

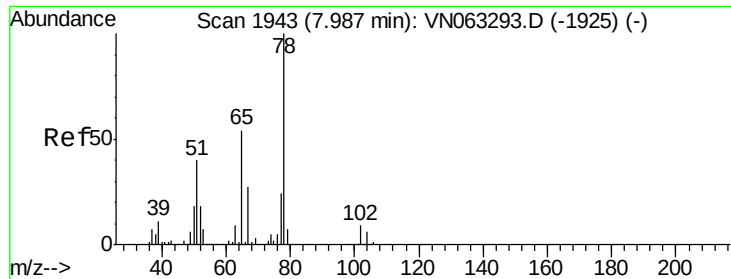
58 30.8 22.6 34.0



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO

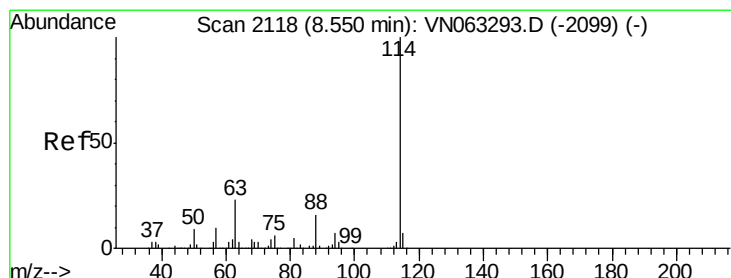
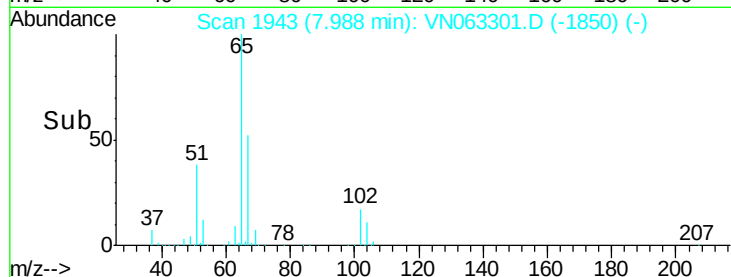
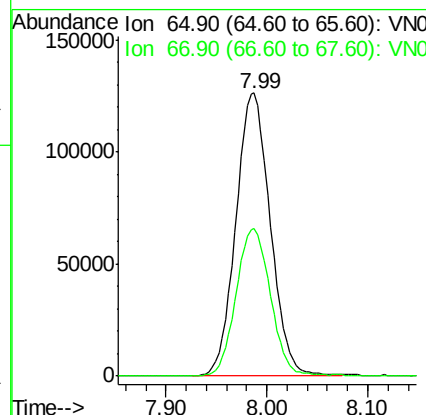
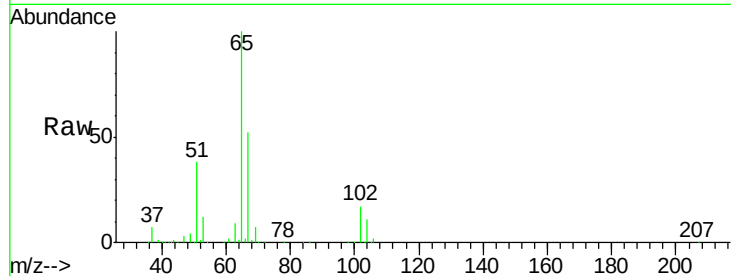




#33  
 1,2-Dichloroethane-d4  
 Concen: 49.366 ug/l  
 RT: 7.99 min Scan# 1943  
 Delta R.T. 0.00 min  
 Lab File: VN063301.D  
 Acq: 10 Sep 2020 18:10

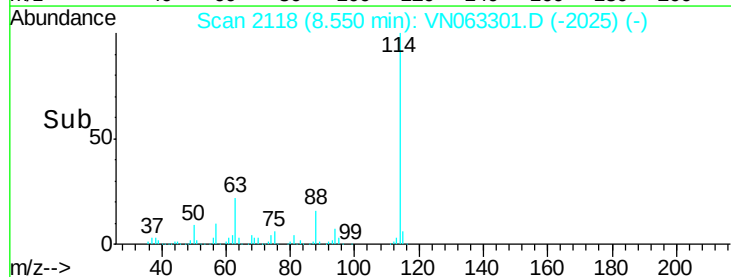
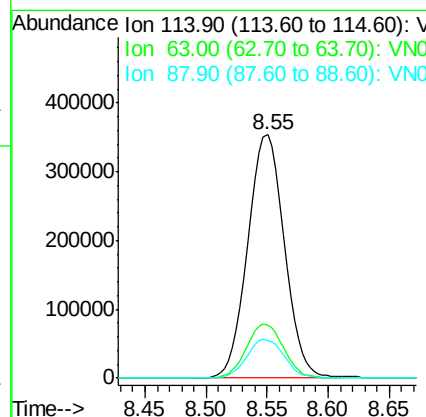
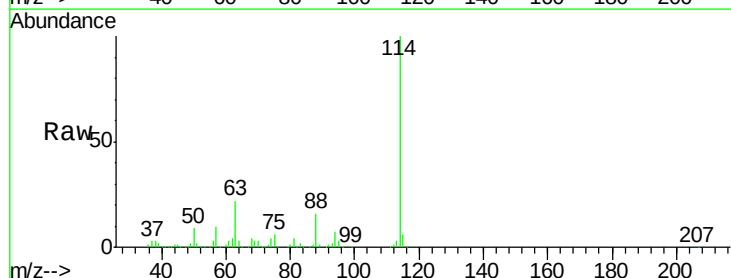
Instrument :  
 MSVOA\_N  
 ClientSampled :  
 72-11977

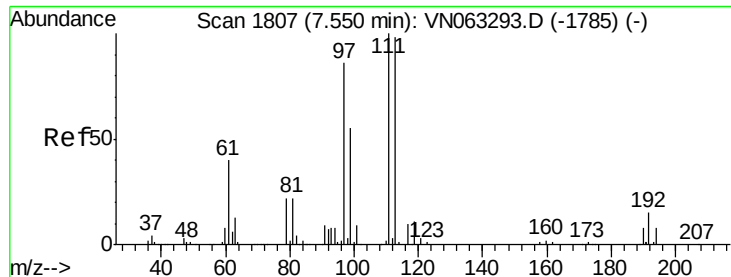
Tot Ion: 65 Resp: 299902  
 Ion Ratio Lower Upper  
 65 100  
 67 52.1 0.0 104.6



#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 8.55 min Scan# 2118  
 Delta R.T. 0.00 min  
 Lab File: VN063301.D  
 Acq: 10 Sep 2020 18:10

Tgt Ion: 114 Resp: 734869  
 Ion Ratio Lower Upper  
 114 100  
 63 21.8 0.0 46.0  
 88 15.7 0.0 32.8

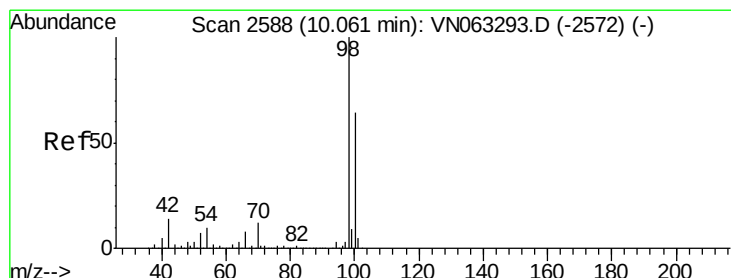
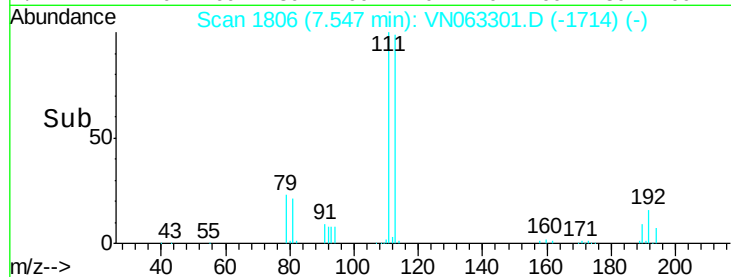
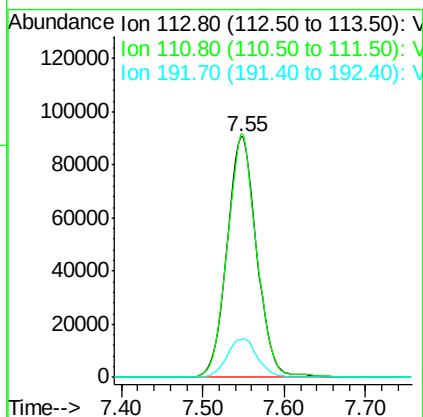
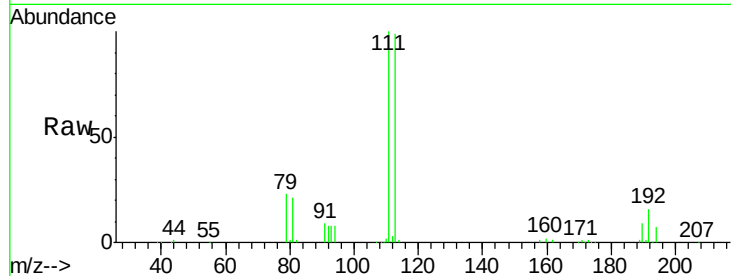




#35  
 Dibromofluoromethane  
 Concen: 48.764 ug/l  
 RT: 7.55 min Scan# 1806  
 Delta R.T. -0.00 min  
 Lab File: VN063301.D  
 Acq: 10 Sep 2020 18:10

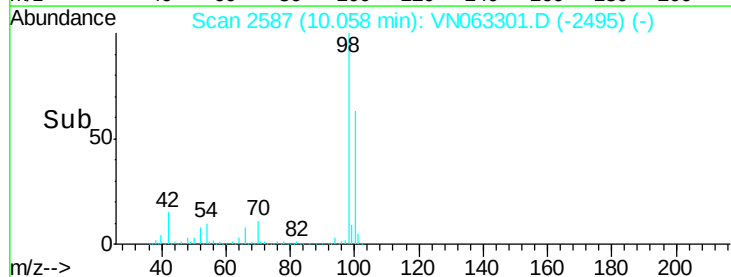
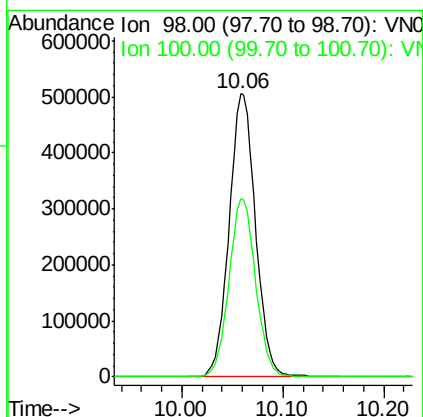
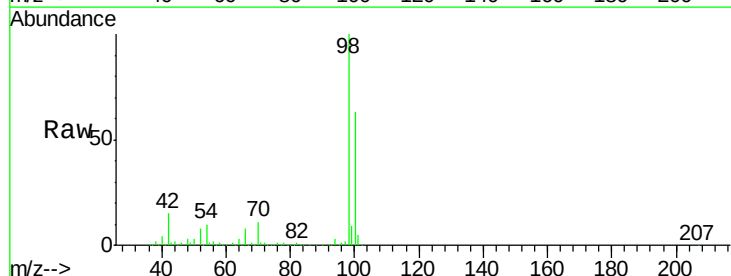
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 72-11977

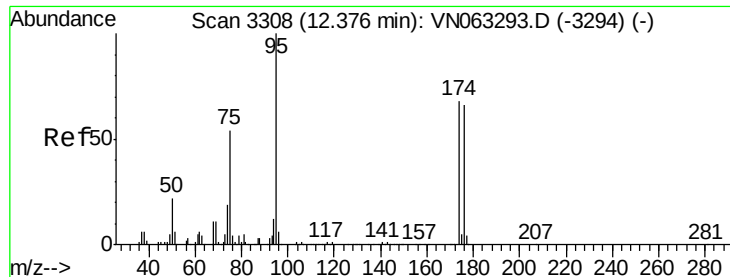
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 113     | 100   |       |       |
| 111     | 98.5  | 82.2  | 123.2 |
| 192     | 16.6  | 12.9  | 19.3  |



#50  
 Toluene-d8  
 Concen: 50.751 ug/l  
 RT: 10.06 min Scan# 2587  
 Delta R.T. -0.00 min  
 Lab File: VN063301.D  
 Acq: 10 Sep 2020 18:10

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 98      | 100   |       |       |
| 100     | 63.6  | 50.7  | 76.1  |

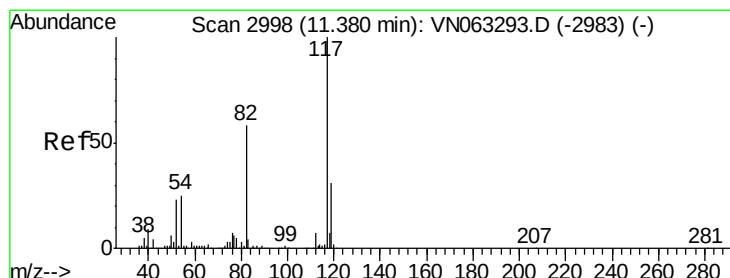
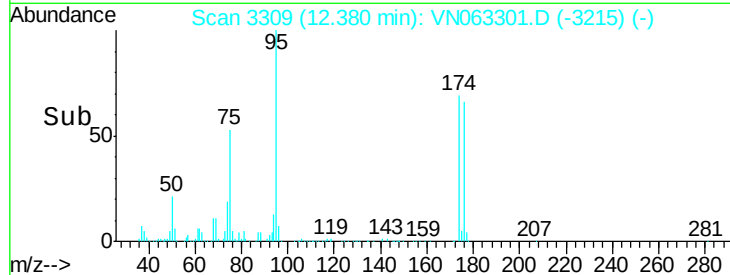
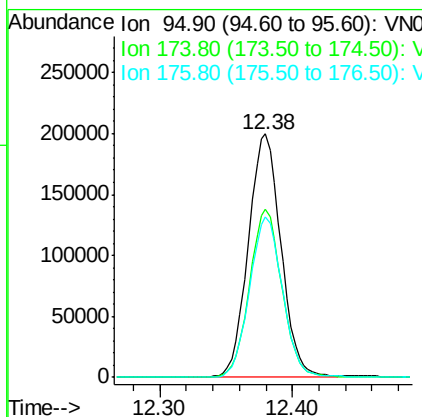
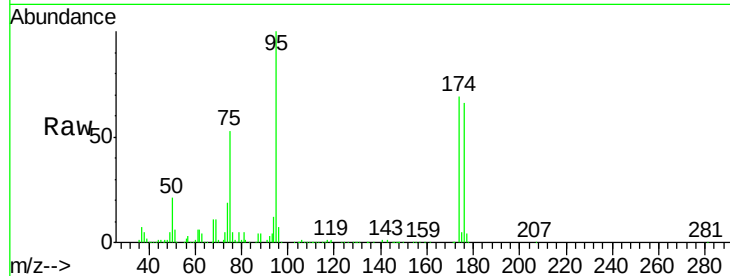




#62  
 4-Bromofluorobenzene  
 Concen: 51.014 ug/l  
 RT: 12.38 min Scan# 3309  
 Delta R.T. 0.00 min  
 Lab File: VN063301.D  
 Acq: 10 Sep 2020 18:10

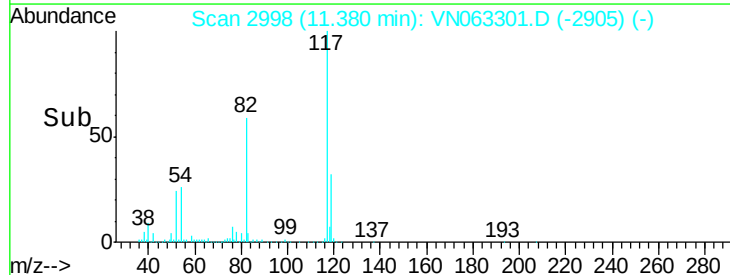
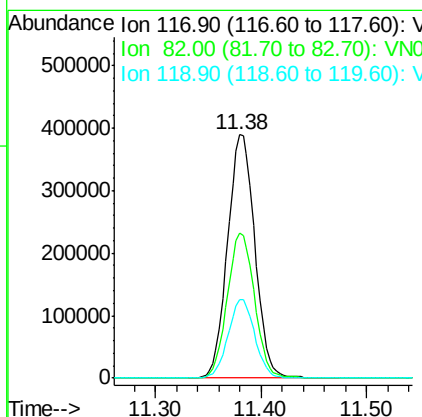
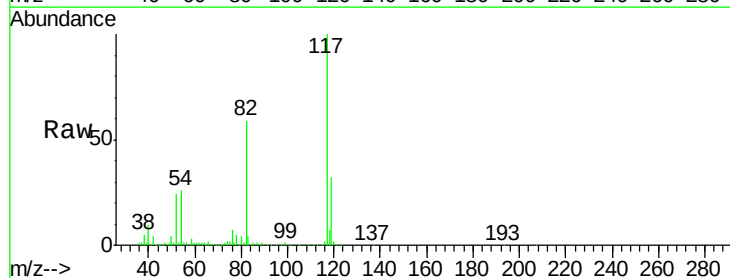
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 72-11977

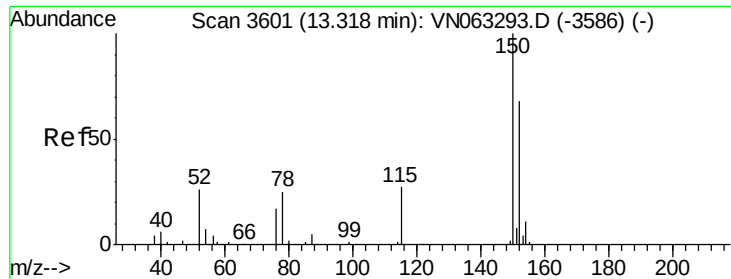
Tot Ion: 95 Resp: 342322  
 Ion Ratio Lower Upper  
 95 100  
 174 68.5 0.0 136.6  
 176 66.7 0.0 132.8



#63  
 Chlorobenzene-d5  
 Concen: 50.000 ug/l  
 RT: 11.38 min Scan# 2998  
 Delta R.T. 0.00 min  
 Lab File: VN063301.D  
 Acq: 10 Sep 2020 18:10

Tgt Ion: 117 Resp: 697381  
 Ion Ratio Lower Upper  
 117 100  
 82 59.4 46.4 69.6  
 119 32.1 24.8 37.2





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3602

Delta R.T. 0.00 min

Lab File: VN063301.D

Acq: 10 Sep 2020 18:10

Instrument :

MSVOA\_N

ClientSampleId :

72-11977

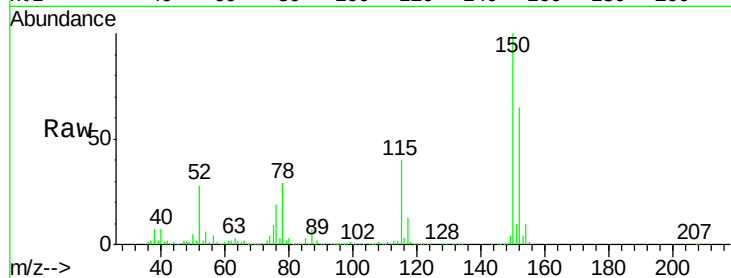
Tot Ion:152 Resp: 281723

Ion Ratio Lower Upper

152 100

115 64.1 31.5 94.5

150 156.5 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

