

Data Path : Z:\VOASRV\HPCHEM1\MSVOA\_N\DATA\VN112718\  
 Data File : VN052484.D  
 Acq On : 27 Nov 2018 17:40  
 Operator : MD\SY  
 Sample : PB115074ZHE#01  
 Misc : 5.00mL/MSVOA\_N/WATER  
 ALS Vial : 19 Sample Multiplier: 28

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 PB115074ZHE#01

Quant Time: Nov 28 06:49:17 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_N\METHODS\82N112718W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Nov 28 01:11:38 2018  
 Response via : Initial Calibration

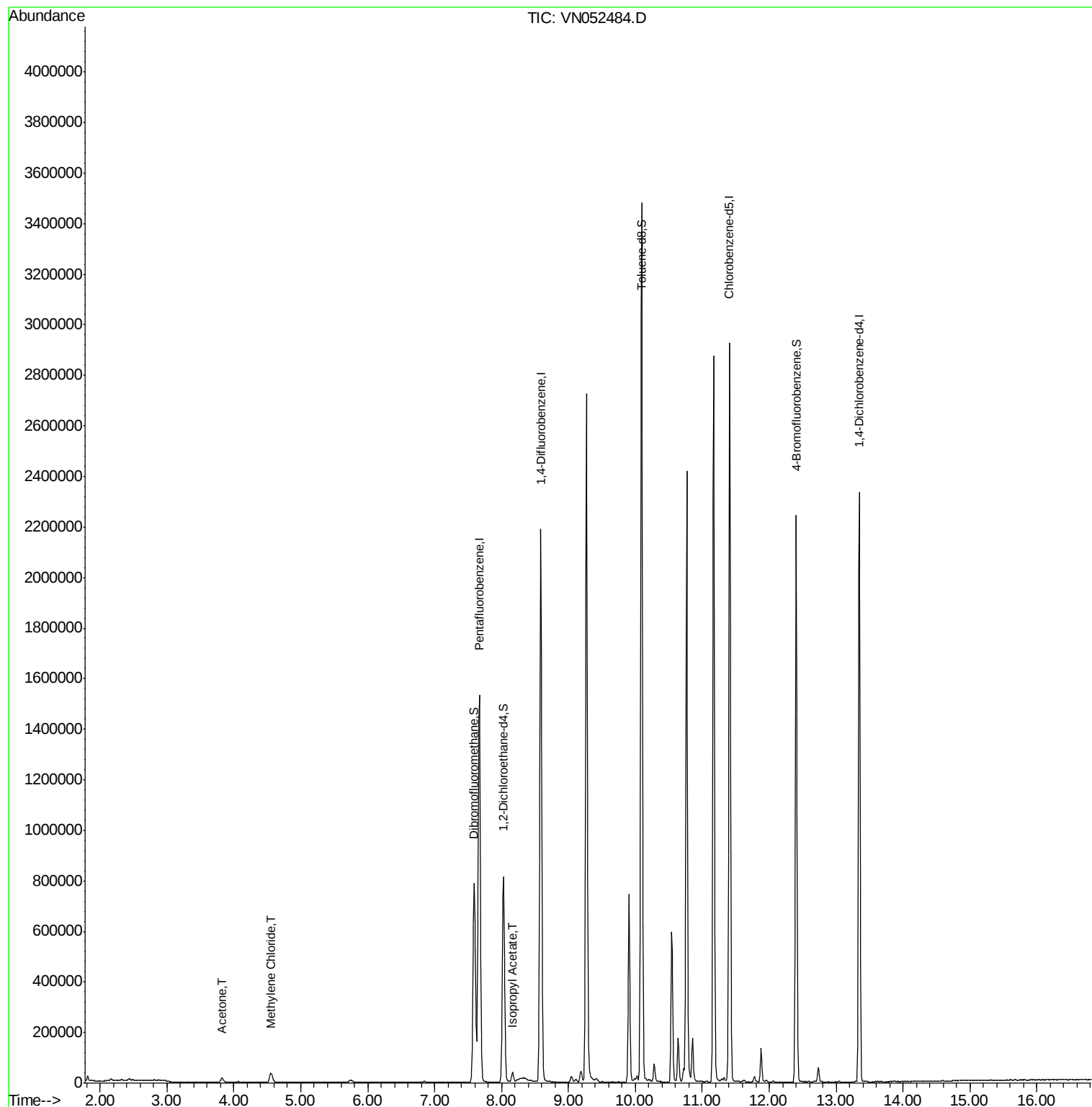
| Internal Standards          | R.T.  | QIon | Response | Conc  | Units   | Dev(Min) |
|-----------------------------|-------|------|----------|-------|---------|----------|
| 1) Pentafluorobenzene       | 7.67  | 168  | 1324696  | 50.00 | ug/l    | 0.00     |
| 34) 1,4-Difluorobenzene     | 8.59  | 114  | 2035845  | 50.00 | ug/l    | 0.00     |
| 63) Chlorobenzene-d5        | 11.41 | 117  | 1766756  | 50.00 | ug/l    | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 13.35 | 152  | 654272   | 50.00 | ug/l    | 0.00     |
| System Monitoring Compounds |       |      |          |       |         |          |
| 33) 1,2-Dichloroethane-d4   | 8.03  | 65   | 688240   | 47.72 | ug/l    | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =     | 95.44%  |          |
| 35) Dibromofluoromethane    | 7.59  | 113  | 614631   | 48.97 | ug/l    | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =     | 97.94%  |          |
| 50) Toluene-d8              | 10.09 | 98   | 2483804  | 50.84 | ug/l    | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =     | 101.68% |          |
| 62) 4-Bromofluorobenzene    | 12.40 | 95   | 781006   | 47.57 | ug/l    | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =     | 95.14%  |          |
| Target Compounds            |       |      |          |       |         |          |
| 16) Acetone                 | 3.82  | 43   | 31561    | 8.30  | ug/l    | 90       |
| 20) Methylene Chloride      | 4.55  | 84   | 29106    | 1.96  | ug/l    | 92       |
| 43) Isopropyl Acetate       | 8.17  | 43   | 44038    | 2.22  | ug/l #  | 88       |

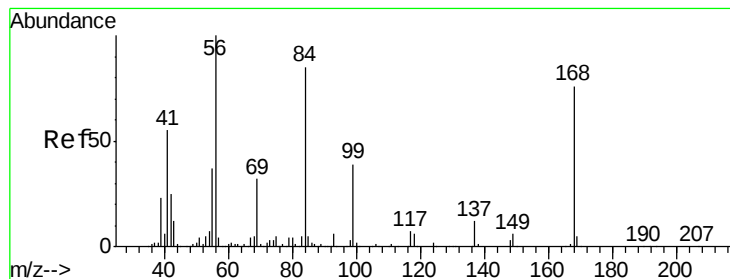
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. -0.00 min

Lab File: VN052484.D

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MSVOA\_N

ClientSampleId :

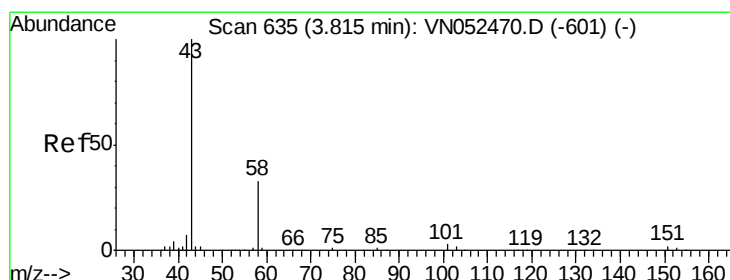
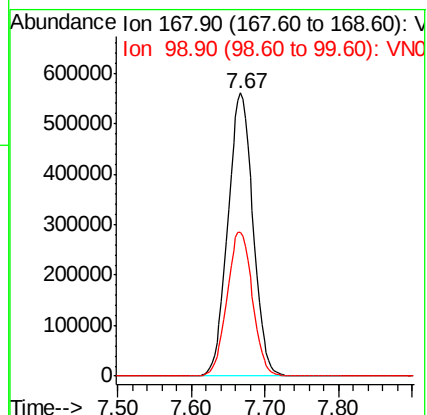
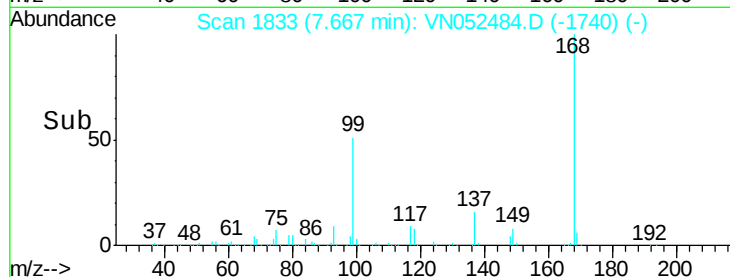
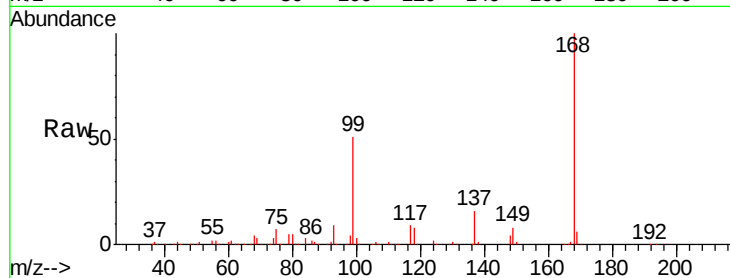
PB115074ZHE#01

Tgt Ion:168 Resp: 1324696

Ion Ratio Lower Upper

168 100

99 51.0 41.7 62.5



#16

Acetone

Concen: 8.30 ug/l

RT: 3.82 min Scan# 637

Delta R.T. 0.01 min

Lab File: VN052484.D

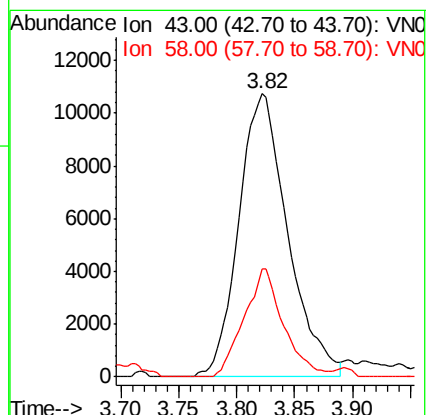
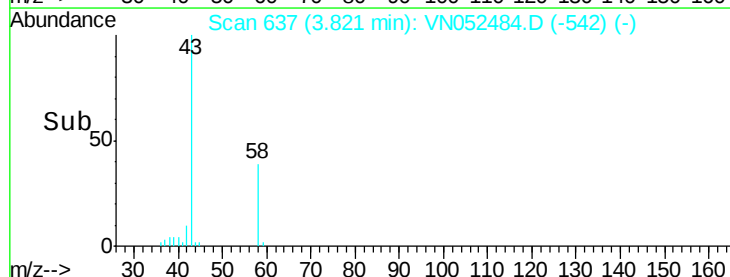
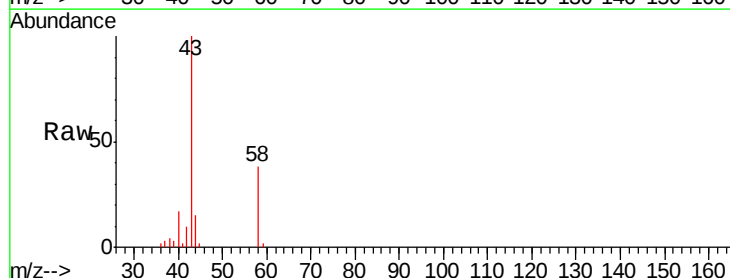
Acq: 27 Nov 2018 17:40

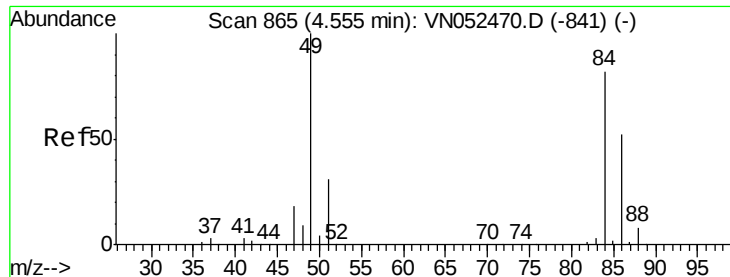
Tgt Ion: 43 Resp: 31561

Ion Ratio Lower Upper

43 100

58 38.0 26.0 39.0

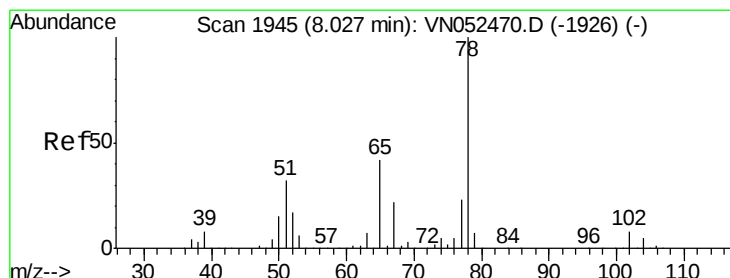
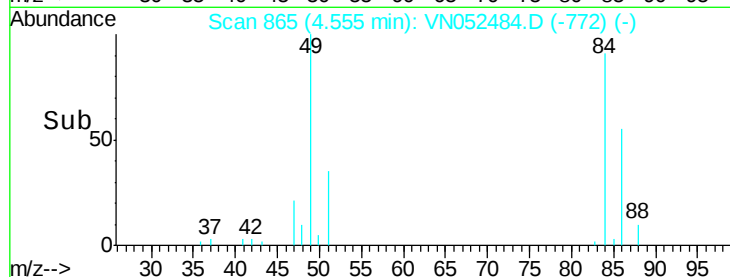
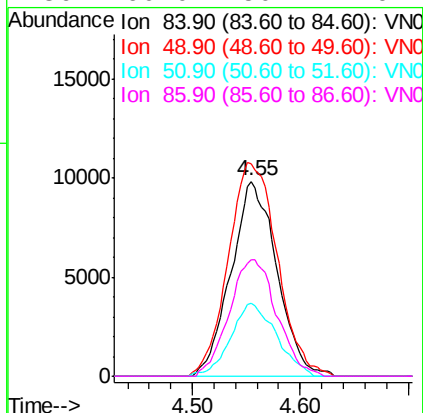
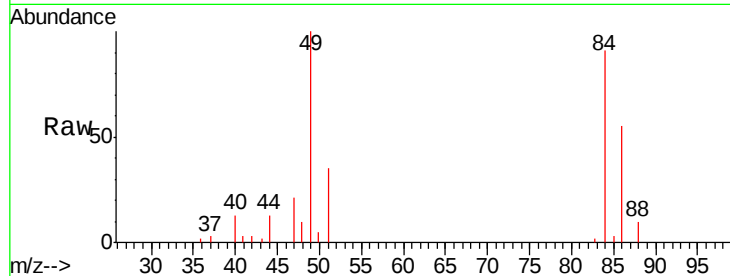




#20  
Methylene Chloride  
Concen: 1.96 ug/l  
RT: 4.55 min Scan# 865  
Delta R.T. -0.00 min  
Lab File: VN052484.D  
Acq: 27 Nov 2018 17:40

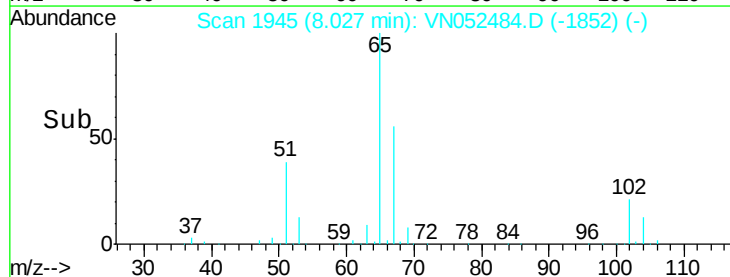
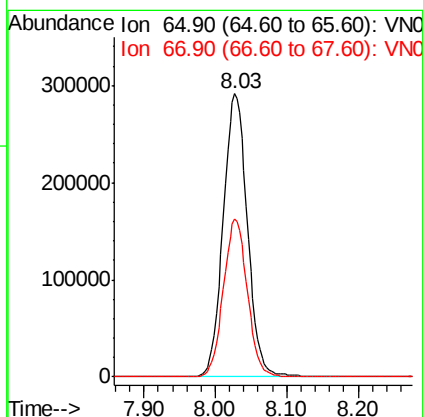
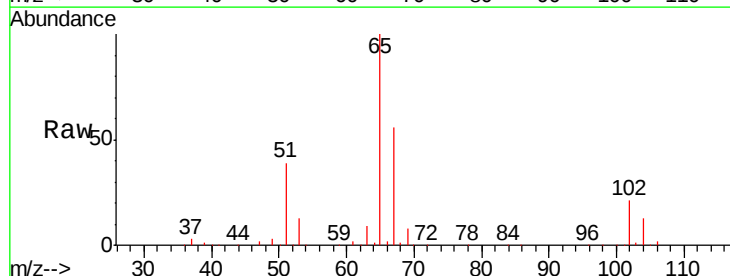
Instrument :  
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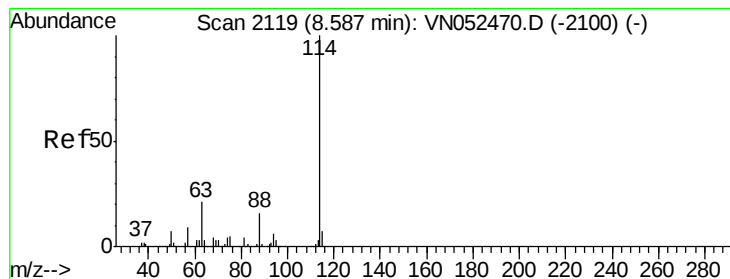
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 84    | Resp: | 29106 |
| Ion      | Ratio | Lower | Upper |
| 84       | 100   |       |       |
| 49       | 109.3 | 98.0  | 147.0 |
| 51       | 37.8  | 30.1  | 45.1  |
| 86       | 60.0  | 50.7  | 76.1  |



#33  
1,2-Dichloroethane-d4  
Concen: Below ug/l  
RT: 8.03 min Scan# 1945  
Delta R.T. -0.00 min  
Lab File: VN052484.D  
Acq: 27 Nov 2018 17:40

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 65    | Resp: | 688240 |
| Ion      | Ratio | Lower | Upper  |
| 65       | 100   |       |        |
| 67       | 55.0  | 0.0   | 109.8  |





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.59 min Scan# 2119

Delta R.T. -0.00 min

Lab File: VN052484.D

Acq: 27 Nov 2018 17:40

Instrument :

MSVOA\_N

ClientSampleId :

PB115074ZHE#01

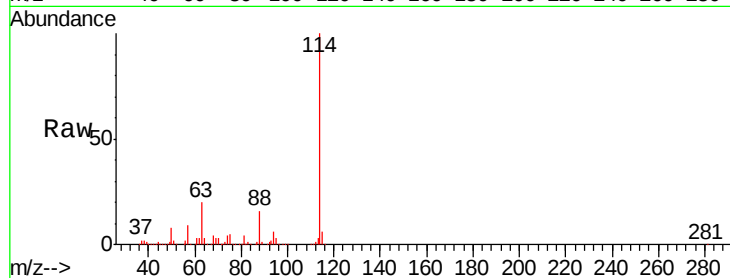
Tgt Ion:114 Resp: 2035845

Ion Ratio Lower Upper

114 100

63 20.2 0.0 41.8

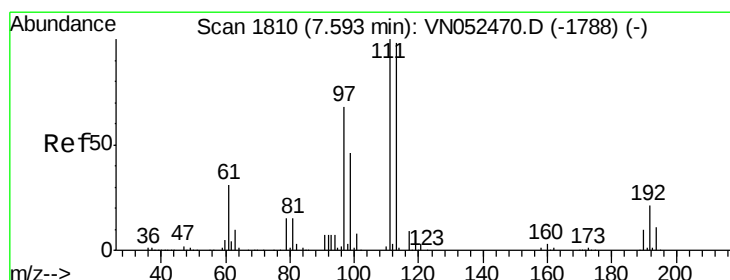
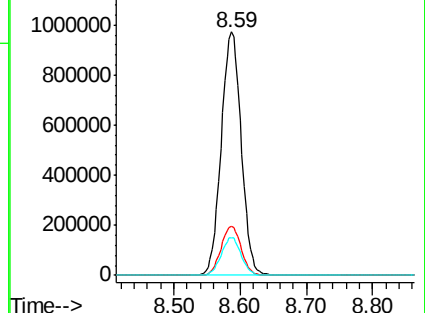
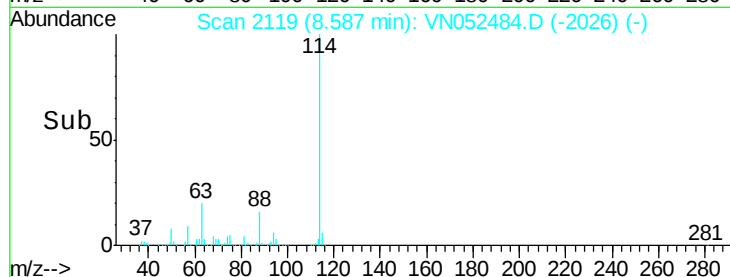
88 15.7 0.0 31.6



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: 50.00 ug/l

RT: 7.59 min Scan# 1809

Delta R.T. -0.00 min

Lab File: VN052484.D

Acq: 27 Nov 2018 17:40

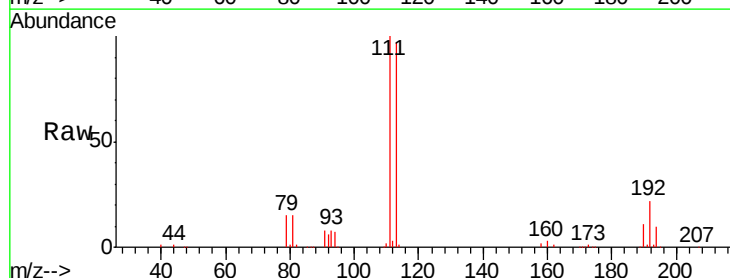
Tgt Ion:113 Resp: 614631

Ion Ratio Lower Upper

113 100

111 102.0 82.0 123.0

192 21.7 17.0 25.6



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

