

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN081919\  
 Data File : VN057419.D  
 Acq On : 20 Aug 2019 00:01  
 Operator : JC/SP  
 Sample : K4386-22  
 Misc : 5.00mL/MSVOA N/WATER  
 ALS Vial : 39 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 T8-E3-(0)

Quant Time: Aug 20 09:09:23 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_N\METHODS\82N081519W.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Aug 15 11:33:14 2019  
 Response via : Initial Calibration

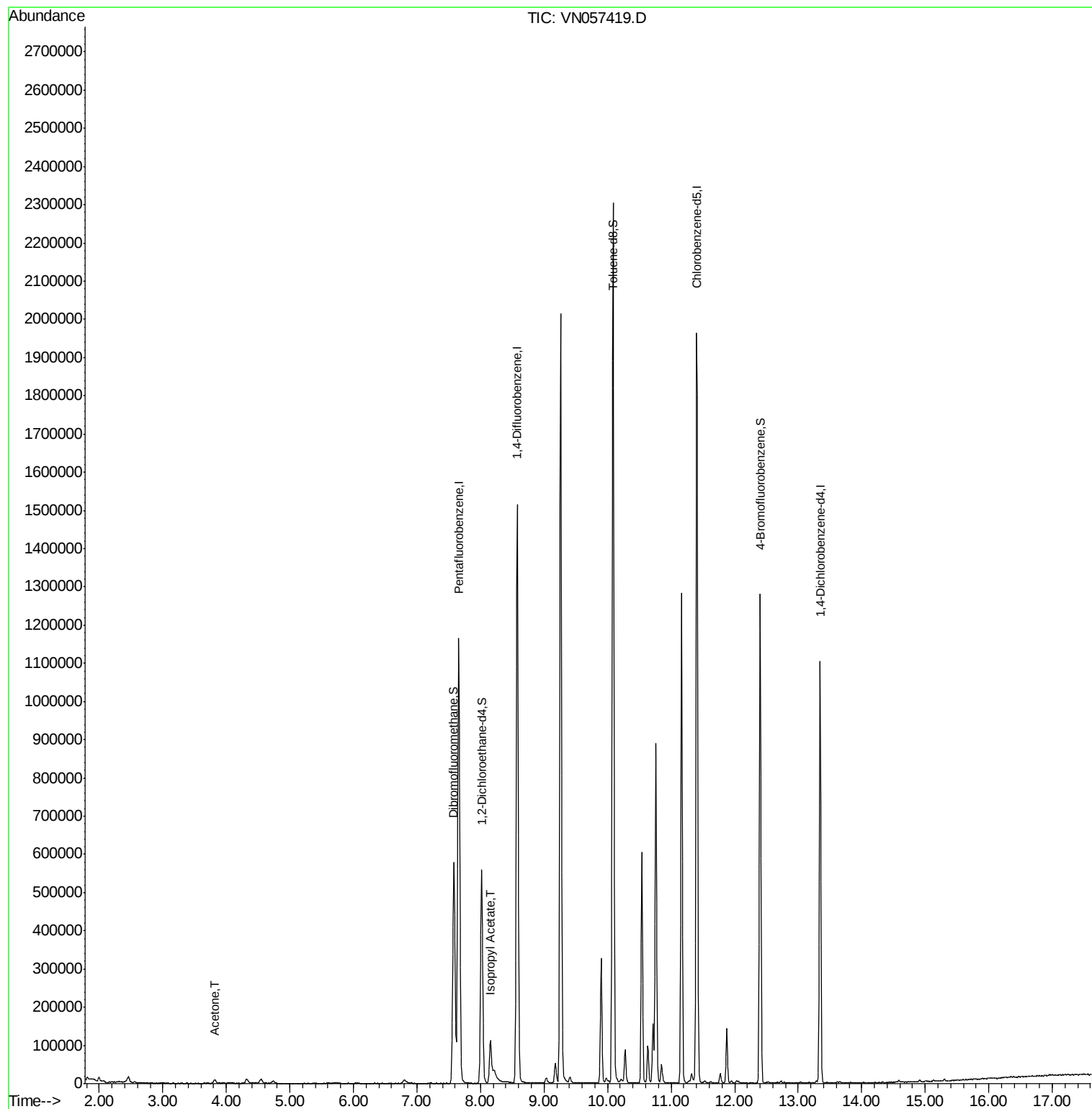
| Internal Standards          | R.T.  | QIon | Response | Conc  | Units  | Dev(Min) |
|-----------------------------|-------|------|----------|-------|--------|----------|
| 1) Pentafluorobenzene       | 7.66  | 168  | 1071807  | 50.00 | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene     | 8.58  | 114  | 1468311  | 50.00 | ug/l   | 0.00     |
| 63) Chlorobenzene-d5        | 11.41 | 117  | 1237849  | 50.00 | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 13.35 | 152  | 322328   | 50.00 | ug/l   | 0.00     |
| System Monitoring Compounds |       |      |          |       |        |          |
| 33) 1,2-Dichloroethane-d4   | 8.02  | 65   | 489357   | 42.00 | ug/l   | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =     | 84.00% |          |
| 35) Dibromofluoromethane    | 7.58  | 113  | 443600   | 46.09 | ug/l   | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =     | 92.18% |          |
| 50) Toluene-d8              | 10.08 | 98   | 1702916  | 48.37 | ug/l   | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =     | 96.74% |          |
| 62) 4-Bromofluorobenzene    | 12.40 | 95   | 449916   | 36.16 | ug/l   | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =     | 72.32% |          |
| Target Compounds            |       |      |          |       |        |          |
| 16) Acetone                 | 3.82  | 43   | 13214    | 3.269 | ug/l   | 95       |
| 43) Isopropyl Acetate       | 8.16  | 43   | 141879   | 6.321 | ug/l # | 91       |

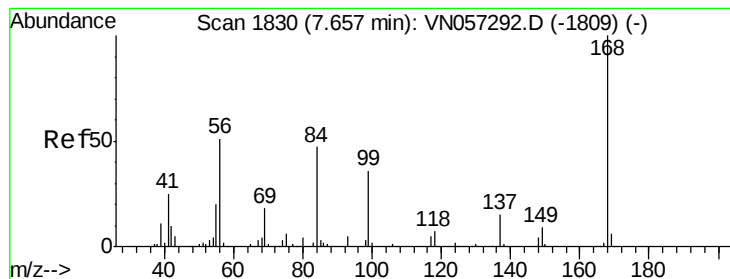
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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MSVOA\_N  
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T8-E3-(0)

Quant Time: Aug 20 09:09:23 2019  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_N\METHODS\82N081519W.M  
Quant Title : SW846 8260  
QLast Update : Thu Aug 15 11:33:14 2019  
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.66 min Scan# 1830

Delta R.T. 0.00 min

Lab File: VN057419.D

Acq: 20 Aug 2019 00:01

Instrument :

MSVOA\_N

ClientSampled :

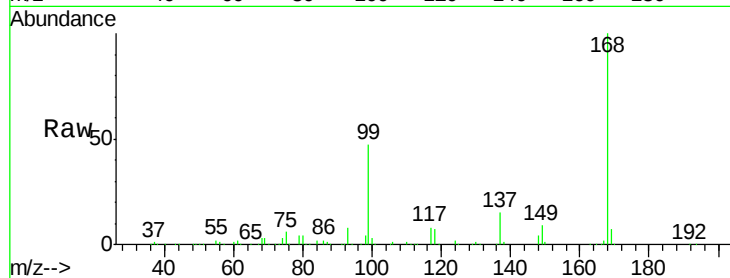
T8-E3-(0)

Tot Ion:168 Resp: 1071807

Ion Ratio Lower Upper

168 100

99 47.2 39.4 59.2



Abundance Ion 167.90 (167.60 to 168.60): VN057419.D (-1737) (-)

Ion 98.90 (98.60 to 99.60): VN057419.D (-1737) (-)

7.66

400000

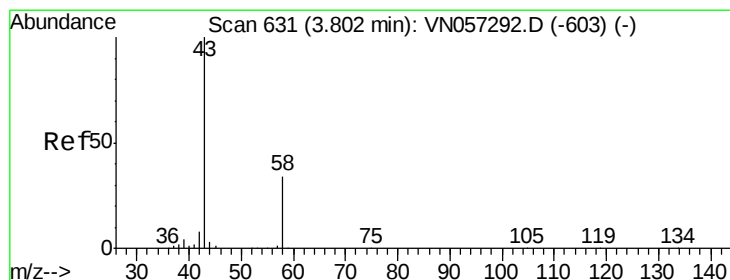
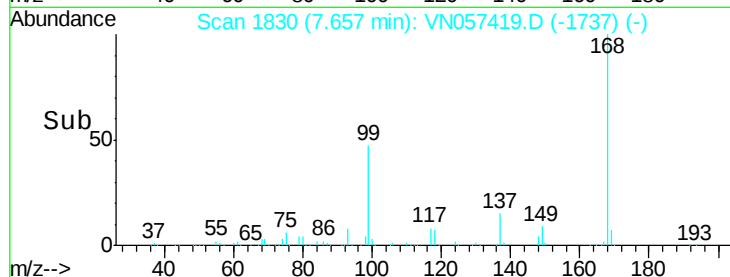
300000

200000

100000

0

Time-->



#16

Acetone

Concen: 3.269 ug/l

RT: 3.82 min Scan# 636

Delta R.T. 0.02 min

Lab File: VN057419.D

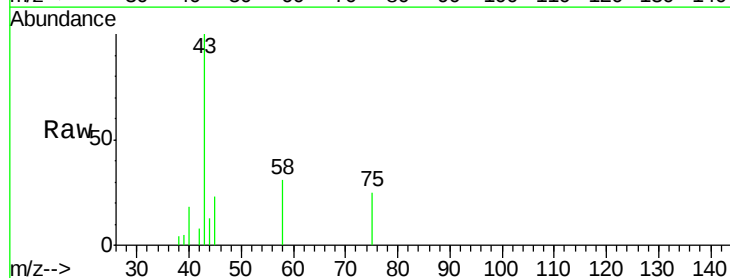
Acq: 20 Aug 2019 00:01

Tgt Ion: 43 Resp: 13214

Ion Ratio Lower Upper

43 100

58 31.1 27.0 40.6



Abundance Ion 43.00 (42.70 to 43.70): VN057419.D (-538) (-)

Ion 58.00 (57.70 to 58.70): VN057419.D (-538) (-)

3.82

5000

4000

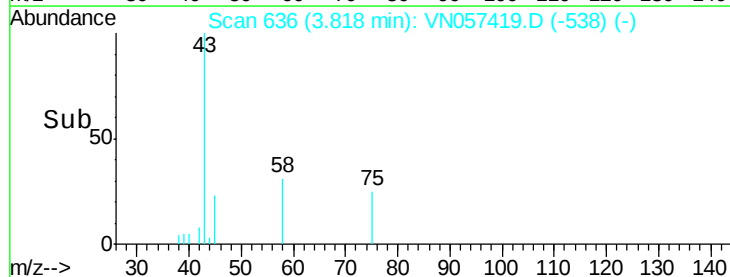
3000

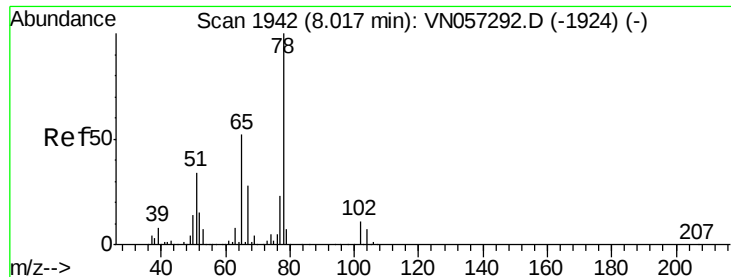
2000

1000

0

Time-->





#33

1,2-Dichloroethane-d4

Concen: 41.999 ug/l

RT: 8.02 min Scan# 1942

Delta R.T. 0.00 min

Lab File: VN057419.D

Acq: 20 Aug 2019 00:01

Instrument :

MSVOA\_N

ClientSampleId :

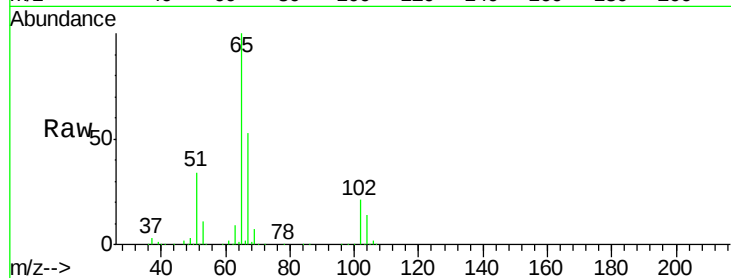
T8-E3-(0)

Tot Ion: 65 Resp: 489357

Ion Ratio Lower Upper

65 100

67 53.0 0.0 107.4



Abundance Ion 64.90 (64.60 to 65.60): VN057292.D (-1924) (-)

Ion 66.90 (66.60 to 67.60): VN057292.D (-1924) (-)

8.02

200000

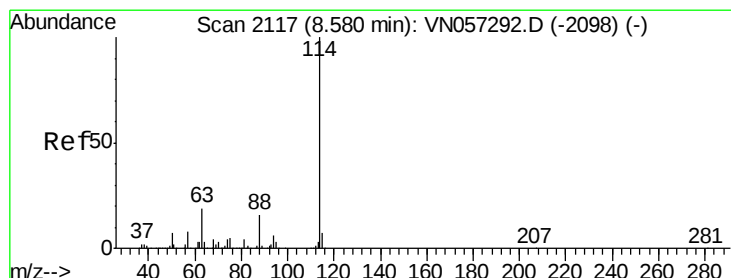
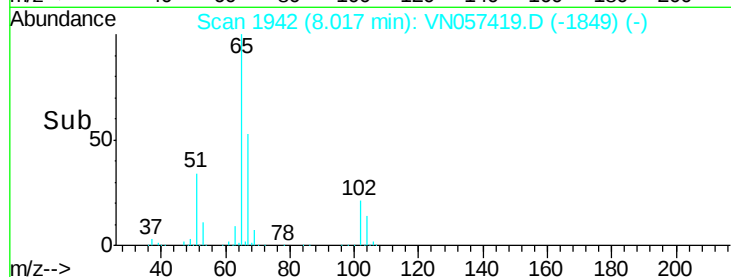
150000

100000

50000

0

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.58 min Scan# 2117

Delta R.T. 0.00 min

Lab File: VN057419.D

Acq: 20 Aug 2019 00:01

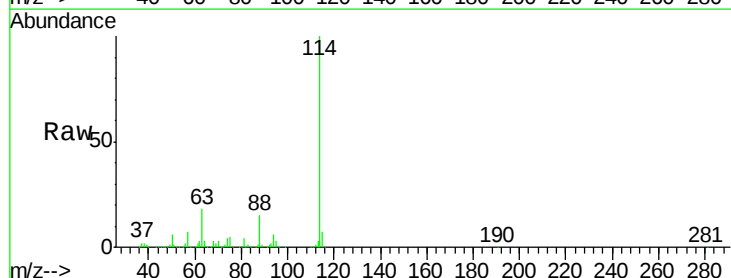
Tgt Ion: 114 Resp: 1468311

Ion Ratio Lower Upper

114 100

63 18.3 0.0 38.8

88 15.2 0.0 31.4



Abundance Ion 113.90 (113.60 to 114.60): VN057292.D (-2098) (-)

Ion 63.00 (62.70 to 63.70): VN057292.D (-2098) (-)

Ion 87.90 (87.60 to 88.60): VN057292.D (-2098) (-)

8.58

800000

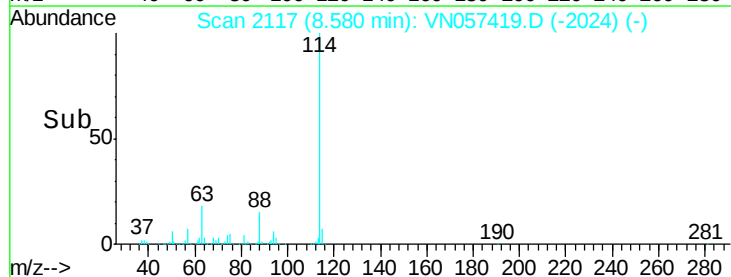
600000

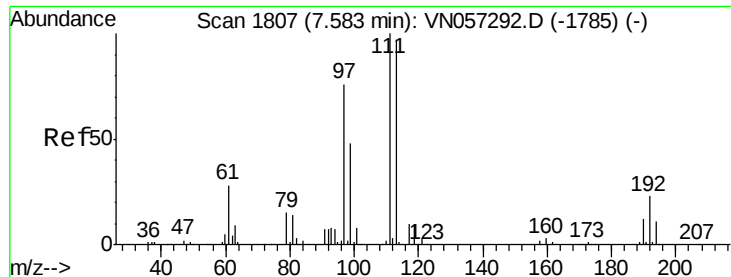
400000

200000

0

Time-->





#35

Dibromofluoromethane

Concen: 46.088 ug/l

RT: 7.58 min Scan# 1806

Delta R.T. -0.00 min

Lab File: VN057419.D

Acq: 20 Aug 2019 00:01

Instrument :

MSVOA\_N

ClientSampleId :

T8-E3-(0)

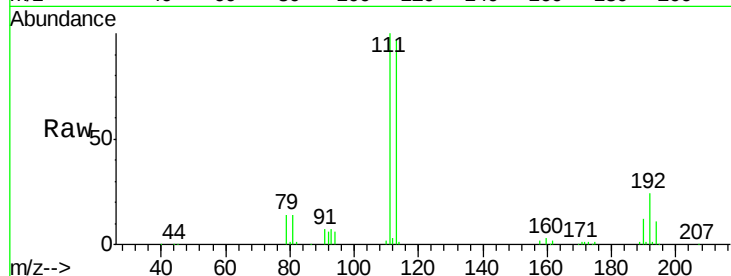
Tot Ion:113 Resp: 443600

Ion Ratio Lower Upper

113 100

111 102.7 82.1 123.1

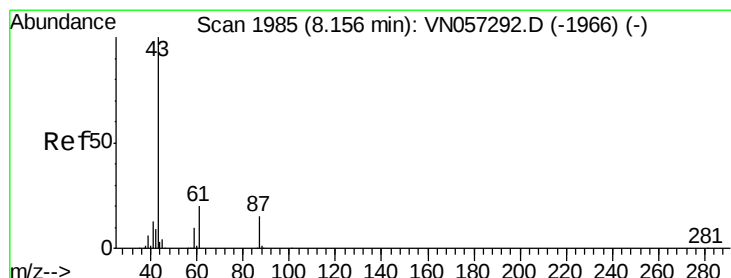
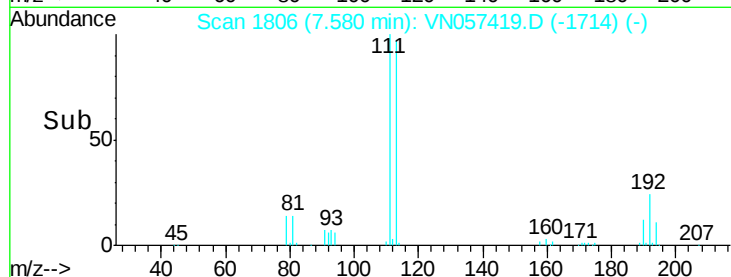
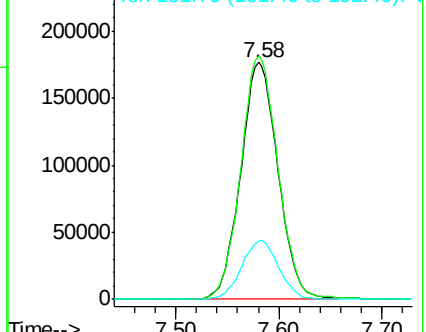
192 24.8 19.3 28.9



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: 6.321 ug/l

RT: 8.16 min Scan# 1985

Delta R.T. 0.00 min

Lab File: VN057419.D

Acq: 20 Aug 2019 00:01

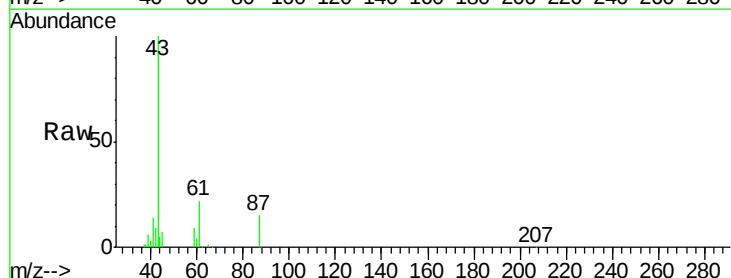
Tgt Ion: 43 Resp: 141879

Ion Ratio Lower Upper

43 100

61 20.2 21.6 32.4#

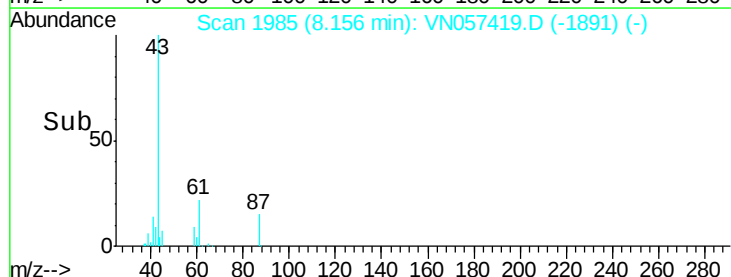
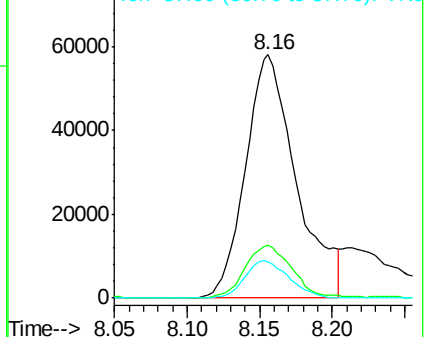
87 13.3 11.4 17.0

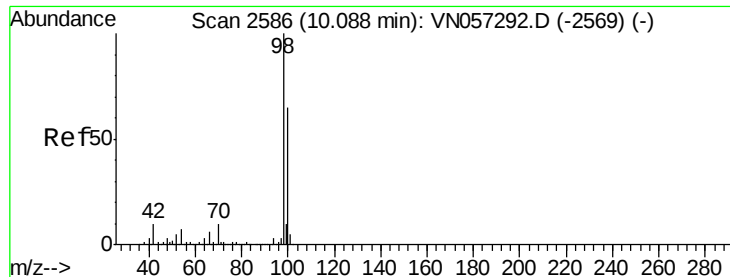


Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 61.00 (60.70 to 61.70): VNO

Ion 87.00 (86.70 to 87.70): VNO





#50

Toluene-d8

Concen: 48.373 ug/l

RT: 10.08 min Scan# 2585

Delta R.T. -0.00 min

Lab File: VN057419.D

Acq: 20 Aug 2019 00:01

Instrument :

MSVOA\_N

ClientSampled :

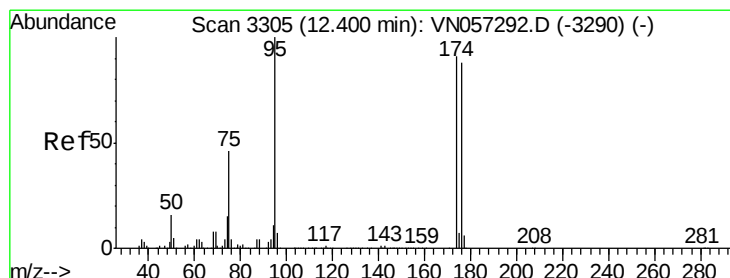
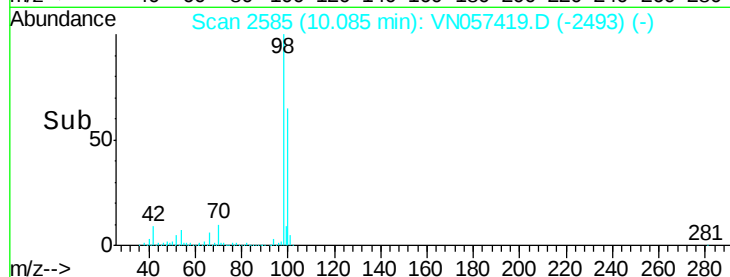
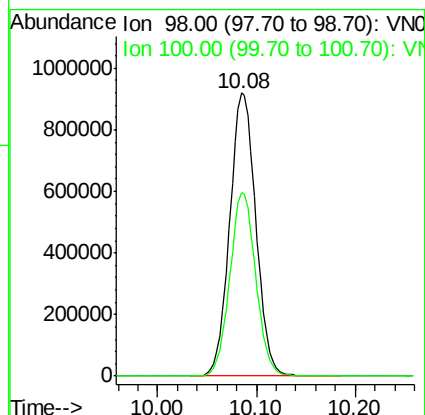
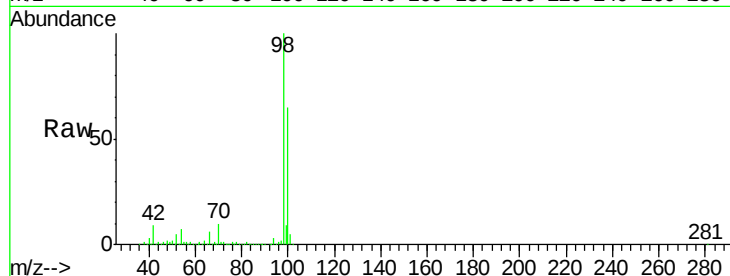
T8-E3-(0)

Tot Ion: 98 Resp: 1702916

Ion Ratio Lower Upper

98 100

100 64.4 51.9 77.9



#62

4-Bromofluorobenzene

Concen: 36.164 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN057419.D

Acq: 20 Aug 2019 00:01

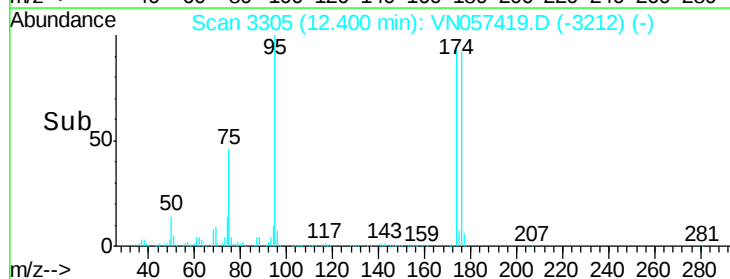
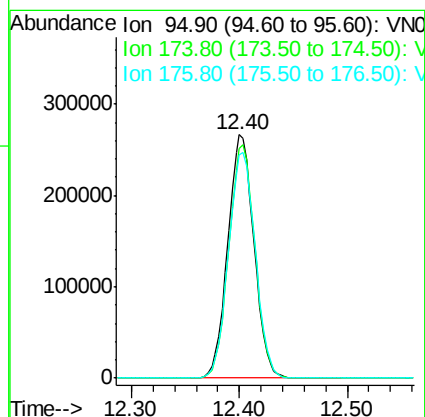
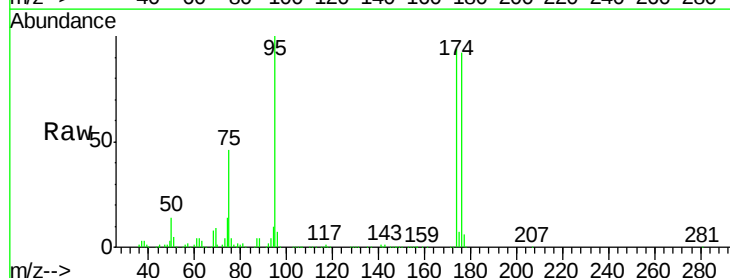
Tgt Ion: 95 Resp: 449916

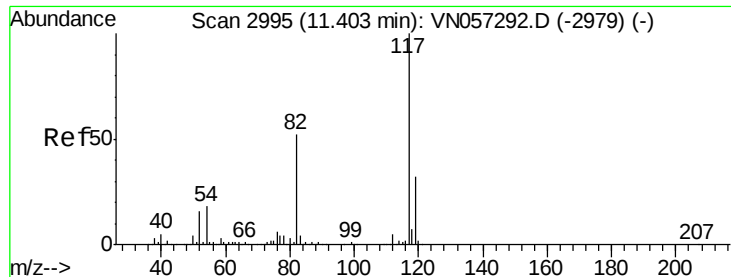
Ion Ratio Lower Upper

95 100

174 95.8 0.0 185.0

176 95.1 0.0 181.0

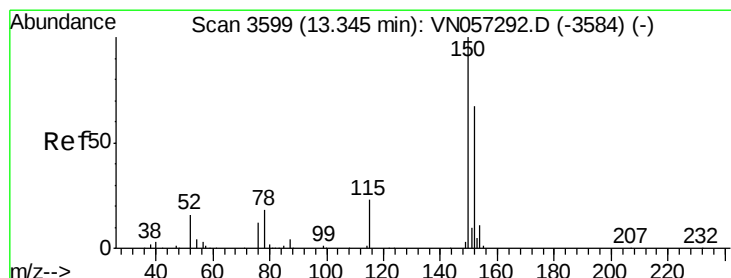
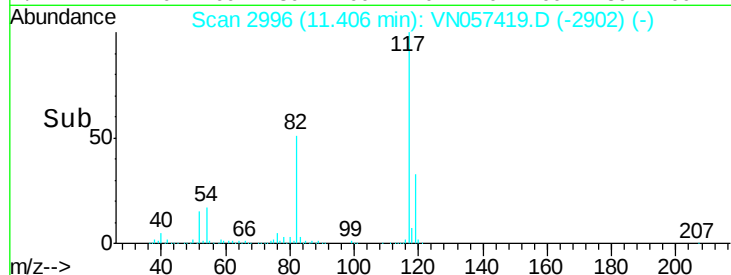
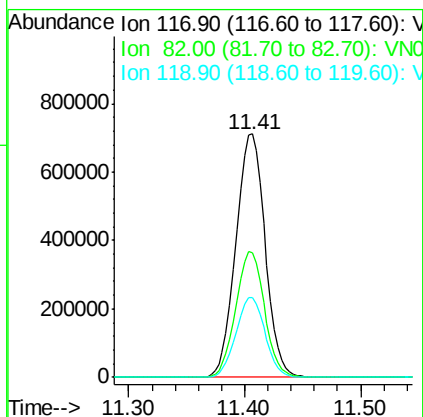
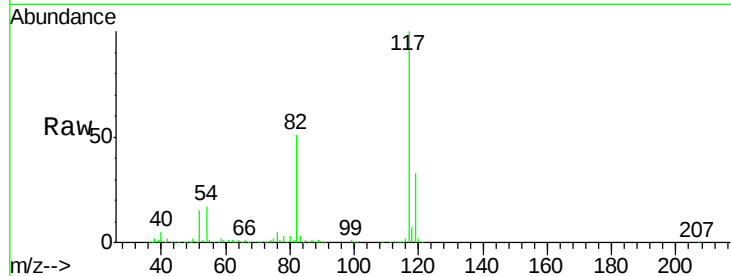




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.41 min Scan# 2996  
Delta R.T. 0.00 min  
Lab File: VN057419.D  
Acq: 20 Aug 2019 00:01

Instrument :  
MSVOA\_N  
ClientSampled :  
T8-E3-(0)

Tot Ion:117 Resp: 1237849  
Ion Ratio Lower Upper  
117 100  
82 51.4 41.2 61.8  
119 32.8 25.8 38.8



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.35 min Scan# 3599  
Delta R.T. 0.00 min  
Lab File: VN057419.D  
Acq: 20 Aug 2019 00:01

Tgt Ion:152 Resp: 322328  
Ion Ratio Lower Upper  
152 100  
115 55.0 27.3 81.9  
150 156.3 0.0 344.4

