

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN082219\
 Data File : VN057448.D
 Acq On : 22 Aug 2019 22:07
 Operator : JC/SP
 Sample : K4403-30
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 T1-G-(0)

Quant Time: Aug 23 05:34:42 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N082219W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 23 05:07:29 2019
 Response via : Initial Calibration

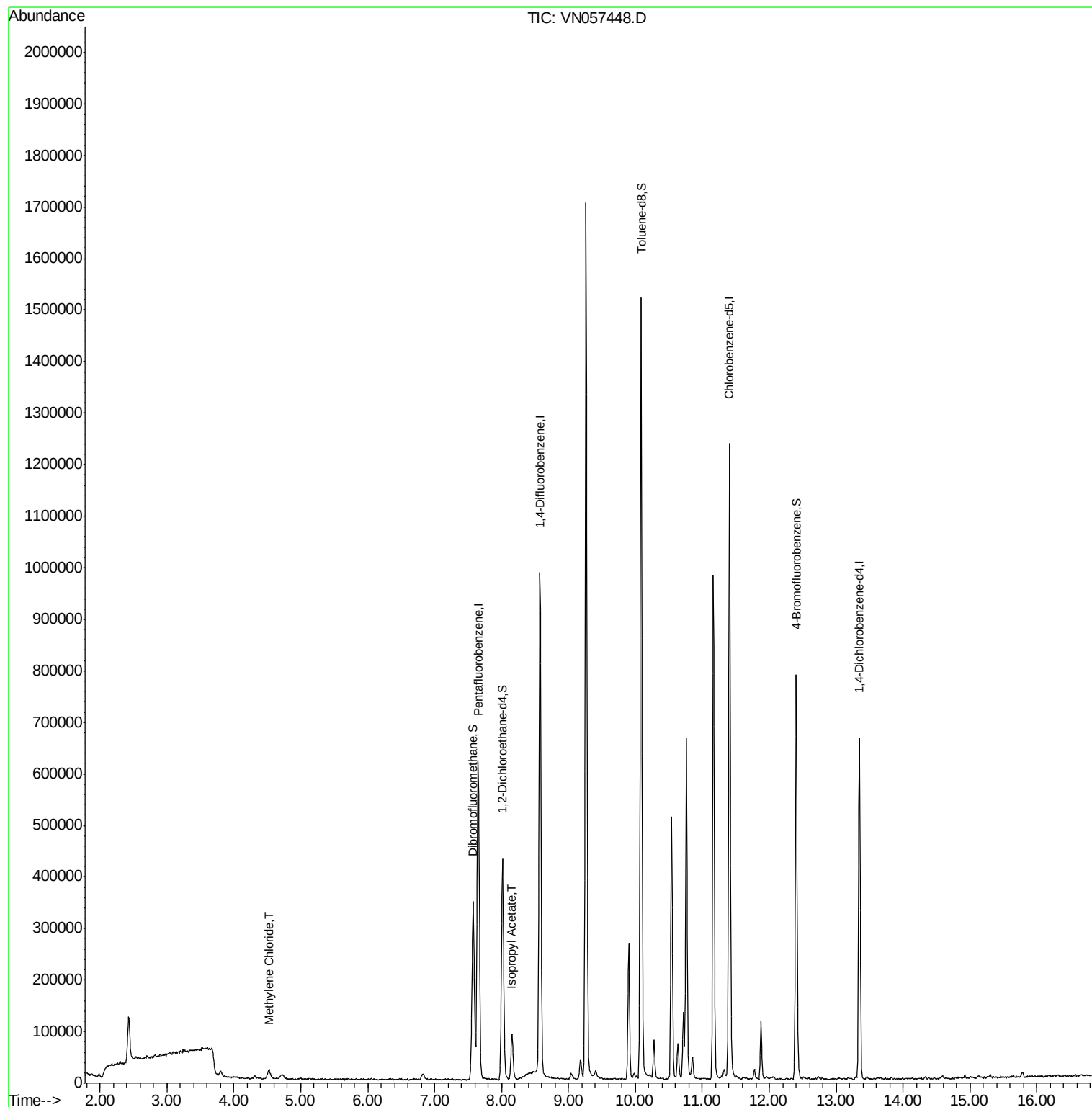
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	453618	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	783171	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	650850	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	166954	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.01	65	360724	45.21	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.42%	
35) Dibromofluoromethane	7.58	113	251376	47.52	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.04%	
50) Toluene-d8	10.09	98	991986	49.59	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.18%	
62) 4-Bromofluorobenzene	12.40	95	277426	40.93	ug/l	0.00
Spiked Amount 50.000			Recovery	=	81.86%	
Target Compounds						
20) Methylene Chloride	4.52	84	12355	2.202	ug/l	96
43) Isopropyl Acetate	8.15	43	113914	7.856	ug/l	99

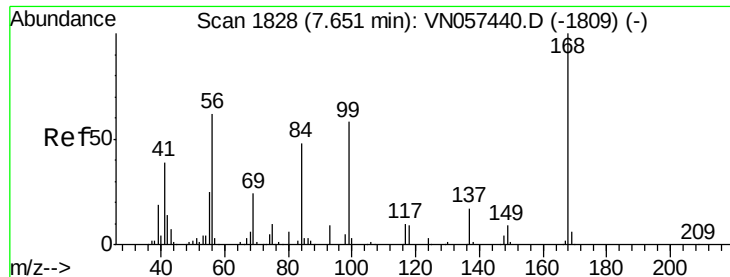
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Aug 23 05:07:29 2019
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.65 min Scan# 1828

Delta R.T. -0.00 min

Lab File: VN057448.D

Acq: 22 Aug 2019 22:07

Instrument :

MSVOA_N

ClientSampleId :

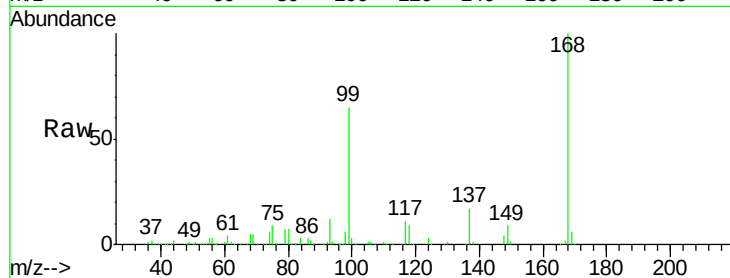
T1-G-(0)

Tot Ion:168 Resp: 453618

Ion Ratio Lower Upper

168 100

99 65.1 50.6 76.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.65

200000

150000

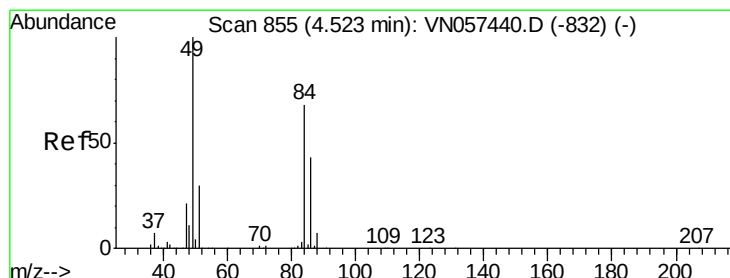
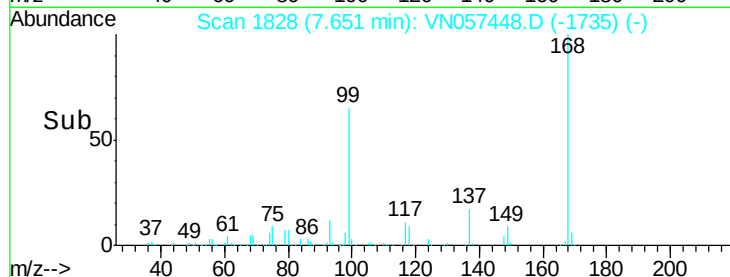
100000

50000

0

7.60 7.70 7.80

Time-->



#20

Methylene Chloride

Concen: 2.202 ug/l

RT: 4.52 min Scan# 855

Delta R.T. 0.00 min

Lab File: VN057448.D

Acq: 22 Aug 2019 22:07

Tgt Ion: 84 Resp: 12355

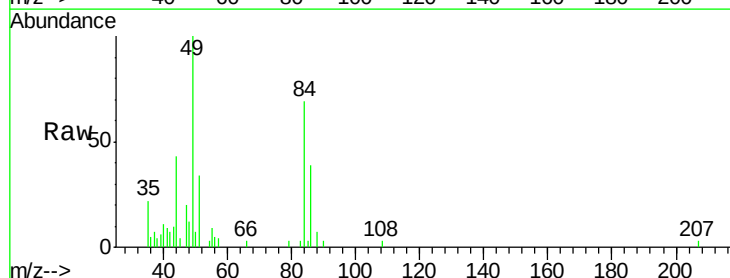
Ion Ratio Lower Upper

84 100

49 141.5 117.0 175.4

51 45.0 35.5 53.3

86 56.1 49.8 74.8



Abundance Ion 83.90 (83.60 to 84.60): VNO

Ion 48.90 (48.60 to 49.60): VNO

Ion 50.90 (50.60 to 51.60): VNO

Ion 85.90 (85.60 to 86.60): VNO

8000

6000

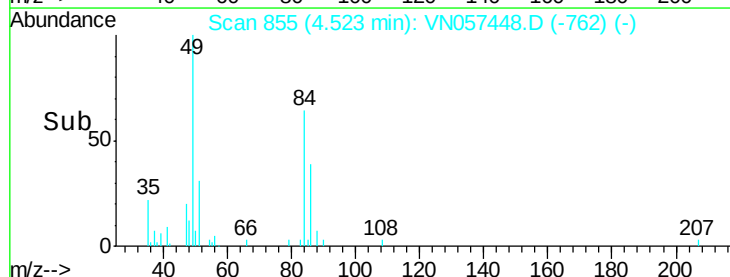
4000

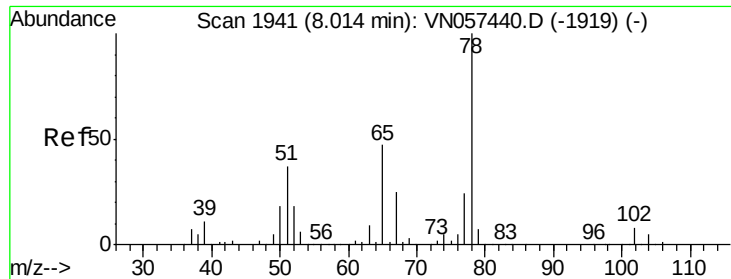
2000

0

4.50 4.60

Time-->

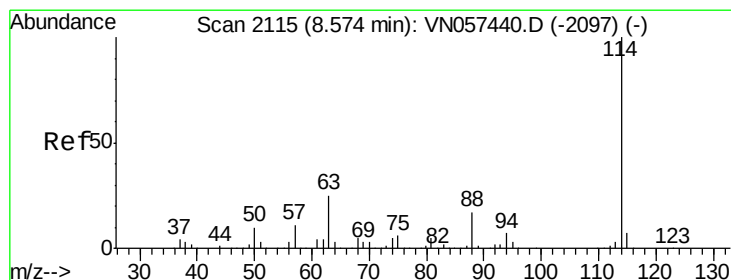
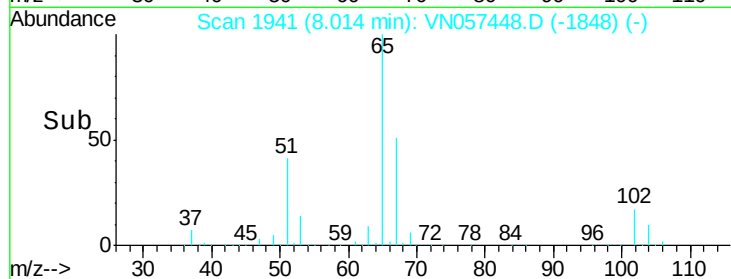
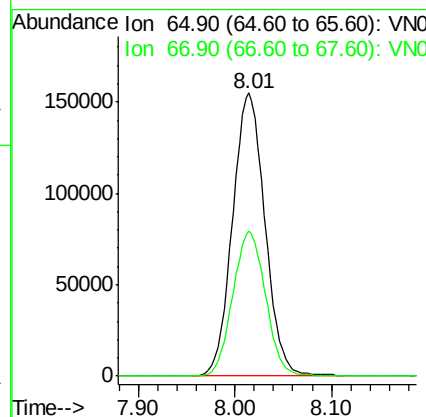
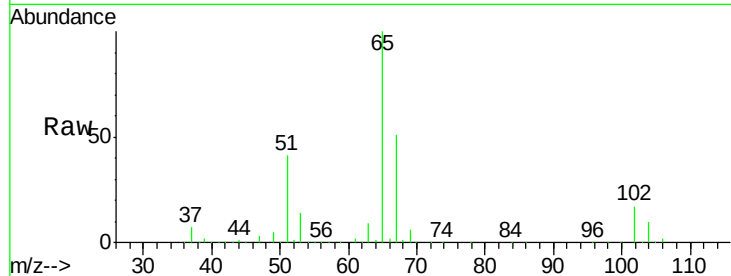




#33
 1,2-Dichloroethane-d4
 Concen: 45.205 ug/l
 RT: 8.01 min Scan# 1941
 Delta R.T. -0.00 min
 Lab File: VN057448.D
 Acq: 22 Aug 2019 22:07

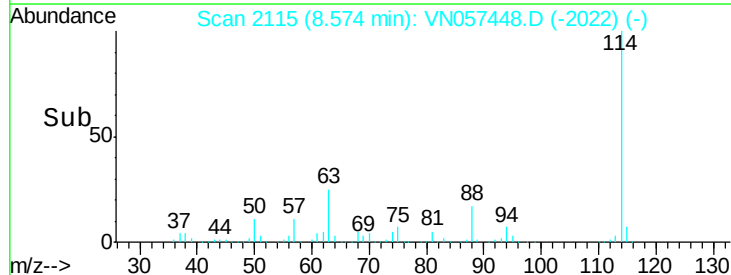
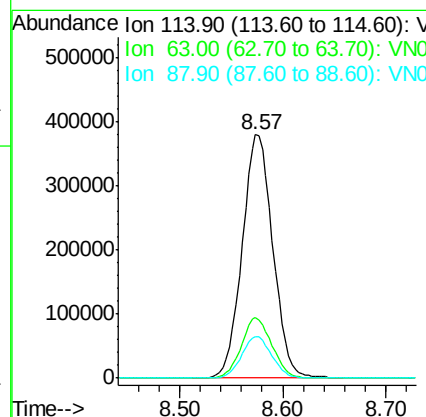
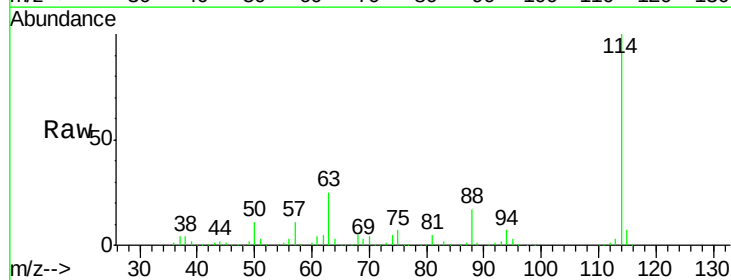
Instrument :
 MSVOA_N
 ClientSampleId :
 T1-G-(0)

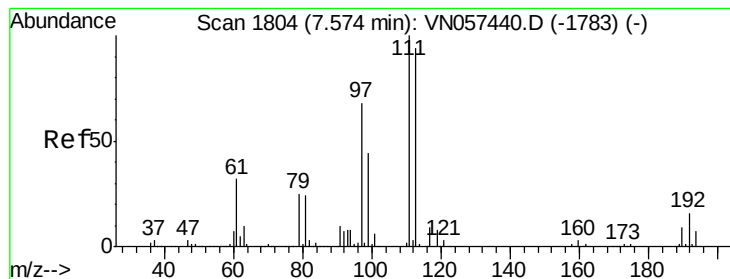
Tot Ion: 65 Resp: 360724
 Ion Ratio Lower Upper
 65 100
 67 51.8 0.0 103.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2115
 Delta R.T. -0.00 min
 Lab File: VN057448.D
 Acq: 22 Aug 2019 22:07

Tgt Ion: 114 Resp: 783171
 Ion Ratio Lower Upper
 114 100
 63 24.9 0.0 50.2
 88 17.2 0.0 34.6





#35

Dibromofluoromethane

Concen: 47.519 ug/l

RT: 7.58 min Scan# 1805

Delta R.T. 0.00 min

Lab File: VN057448.D

Acq: 22 Aug 2019 22:07

Instrument :

MSVOA_N

ClientSampleId :

T1-G-(0)

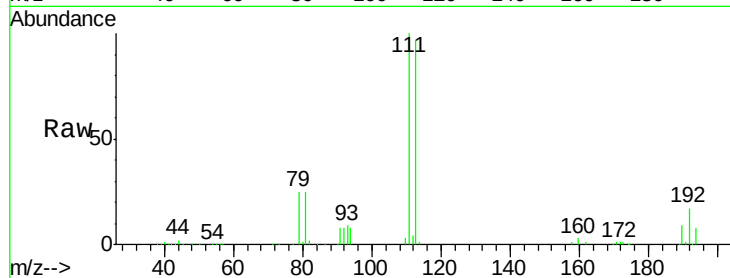
Tot Ion:113 Resp: 251376

Ion Ratio Lower Upper

113 100

111 103.2 83.8 125.6

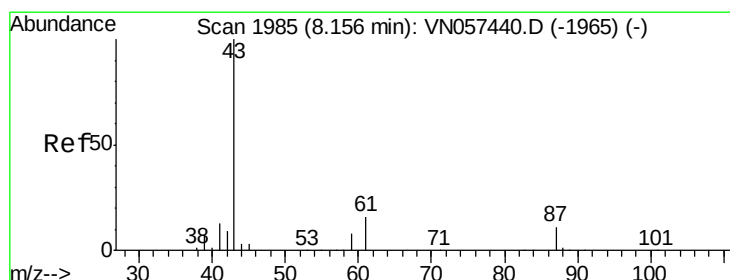
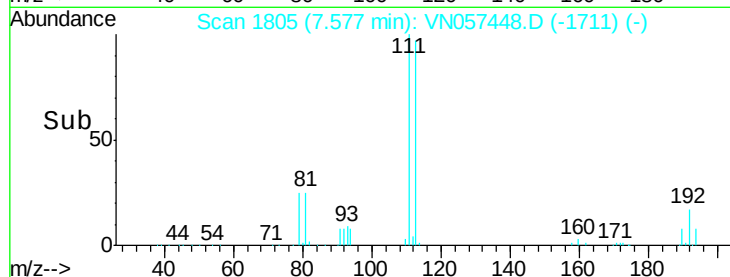
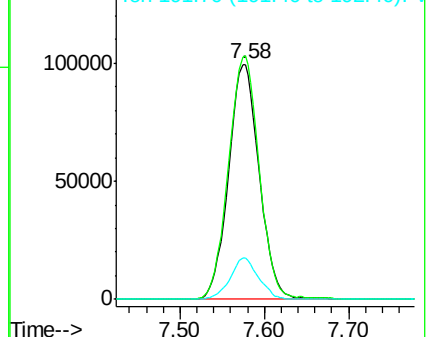
192 16.4 13.5 20.3



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: 7.856 ug/l

RT: 8.15 min Scan# 1984

Delta R.T. -0.00 min

Lab File: VN057448.D

Acq: 22 Aug 2019 22:07

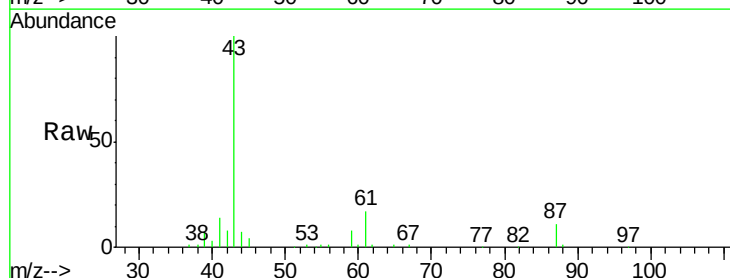
Tgt Ion: 43 Resp: 113914

Ion Ratio Lower Upper

43 100

61 17.3 14.5 21.7

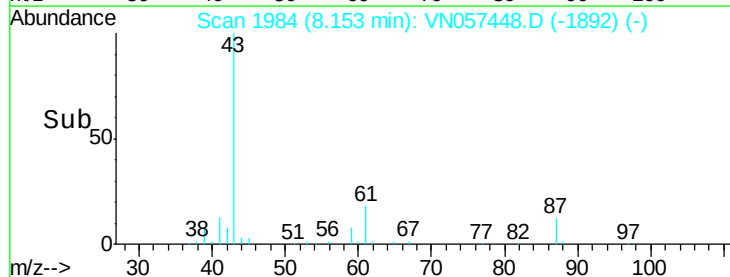
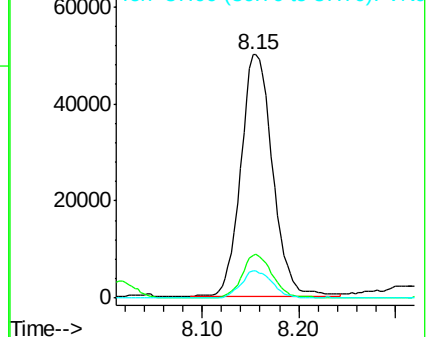
87 11.0 8.6 12.8

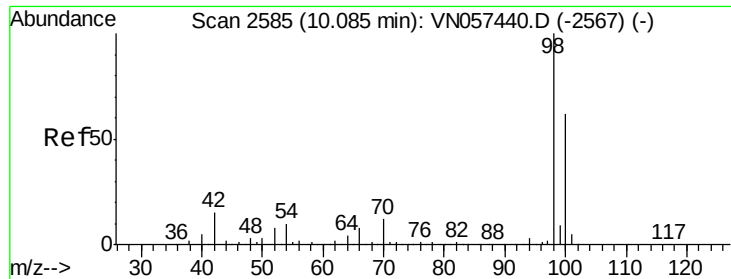


Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 61.00 (60.70 to 61.70): VNO

Ion 87.00 (86.70 to 87.70): VNO





#50

Toluene-d8

Concen: 49.593 ug/l

RT: 10.09 min Scan# 2585

Delta R.T. -0.00 min

Lab File: VN057448.D

Acq: 22 Aug 2019 22:07

Instrument :

MSVOA_N

ClientSampled :

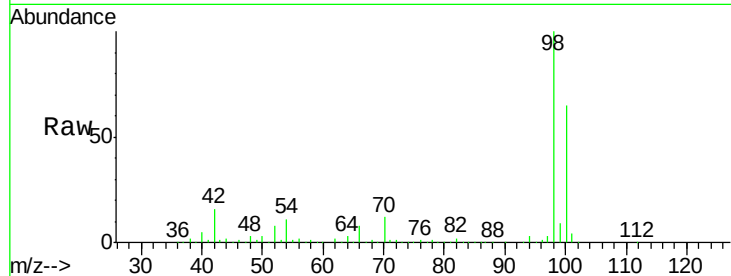
T1-G-(0)

Tot Ion: 98 Resp: 991986

Ion Ratio Lower Upper

98 100

100 63.7 50.4 75.6



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN

10.09

600000

500000

400000

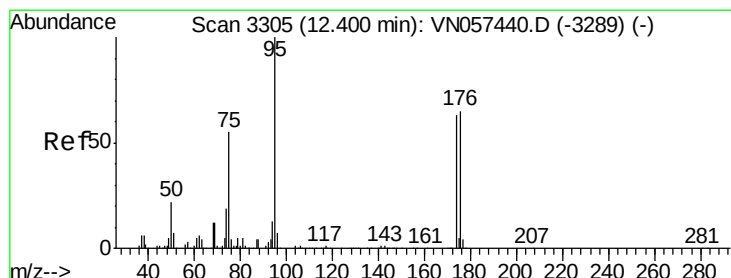
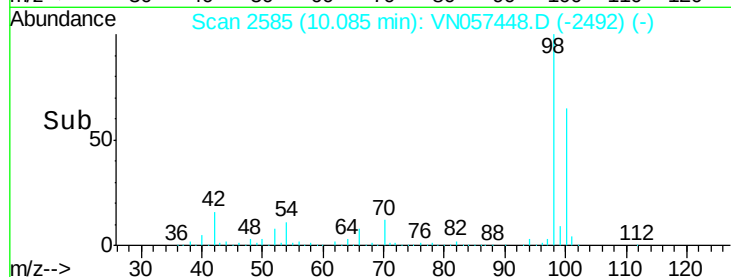
300000

200000

100000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 40.927 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN057448.D

Acq: 22 Aug 2019 22:07

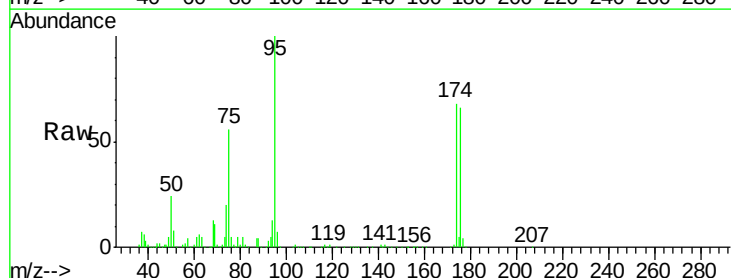
Tgt Ion: 95 Resp: 277426

Ion Ratio Lower Upper

95 100

174 68.4 0.0 133.0

176 65.4 0.0 130.8



Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

200000

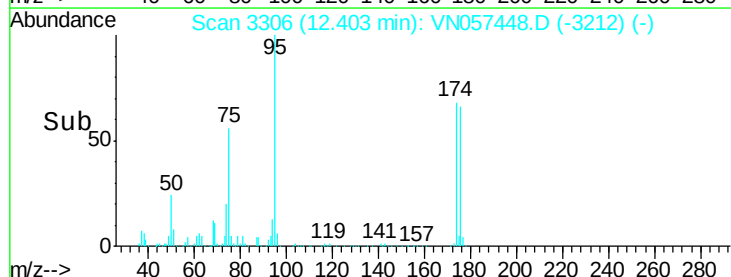
150000

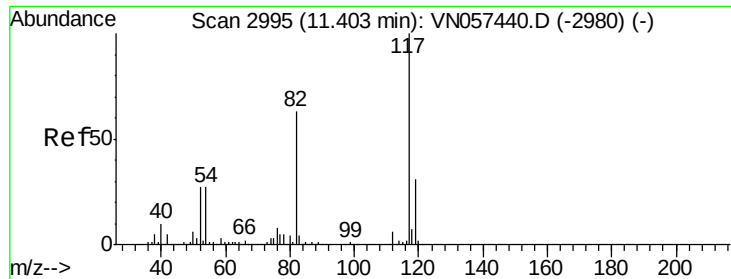
100000

50000

0

Time-->

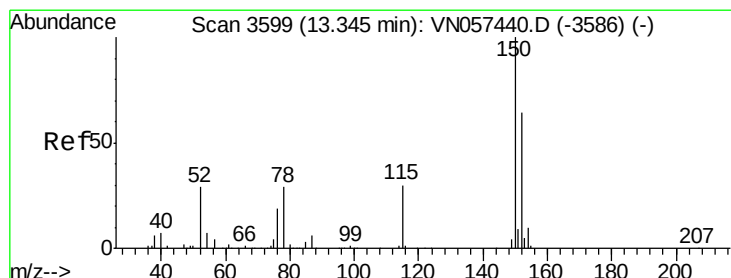
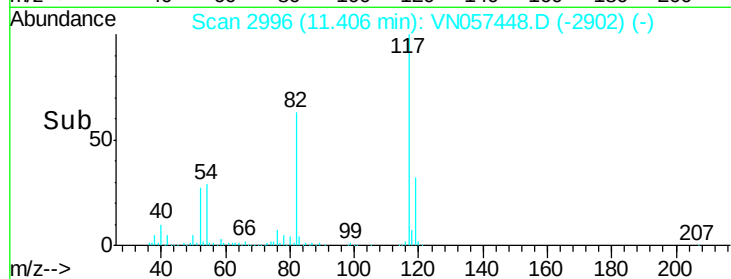
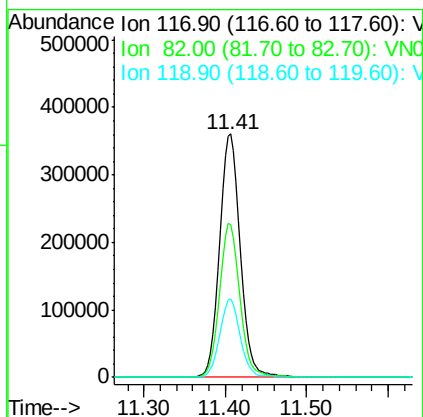
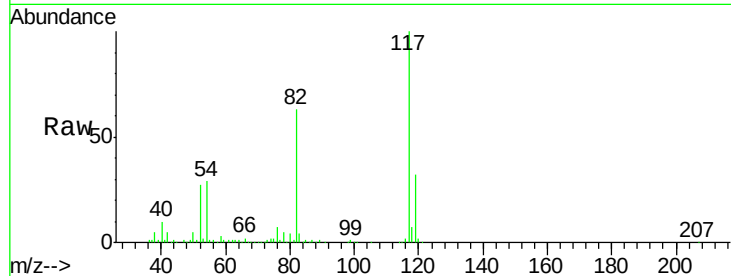




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN057448.D
Acq: 22 Aug 2019 22:07

Instrument :
MSVOA_N
ClientSampleId :
T1-G-(0)

Tot Ion:117 Resp: 650850
Ion Ratio Lower Upper
117 100
82 62.7 50.6 75.8
119 32.2 24.6 36.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3600
Delta R.T. 0.00 min
Lab File: VN057448.D
Acq: 22 Aug 2019 22:07

Tgt Ion:152 Resp: 166954
Ion Ratio Lower Upper
152 100
115 62.2 32.0 96.0
150 155.8 0.0 346.6

