

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN082219\
 Data File : VN057450.D
 Acq On : 22 Aug 2019 22:58
 Operator : JC/SP
 Sample : K4403-33
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 T1-I(0)

Quant Time: Aug 23 05:38:46 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

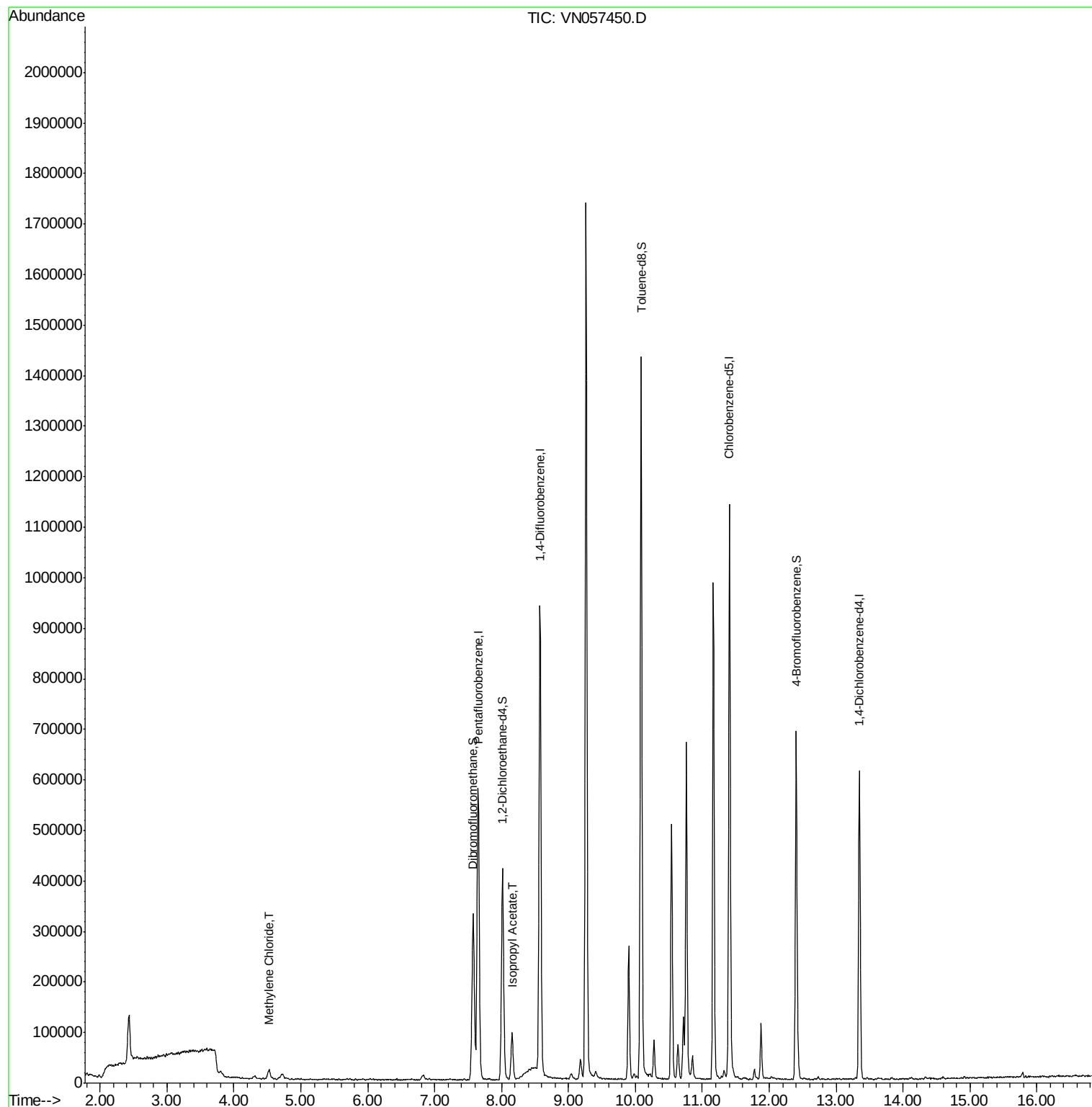
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	423179	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	736640	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	615846	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	149832	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.01	65	346635	46.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.12%	
35) Dibromofluoromethane	7.58	113	238296	47.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.78%	
50) Toluene-d8	10.08	98	936636	49.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.56%	
62) 4-Bromofluorobenzene	12.40	95	254819	39.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	79.94%	
Target Compounds						
20) Methylene Chloride	4.53	84	10963	2.091	ug/l #	79
43) Isopropyl Acetate	8.16	43	114218	8.375	ug/l	99

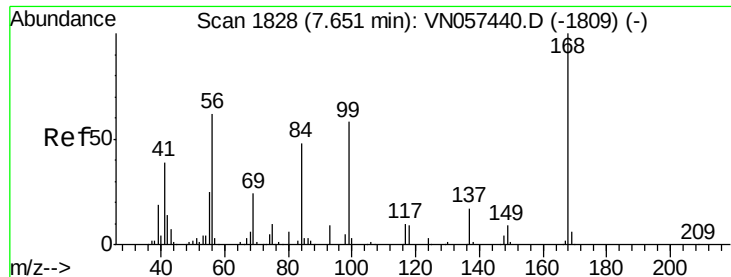
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN057450.D

Acq: 22 Aug 2019 22:58

Instrument :

MSVOA_N

ClientSampled :

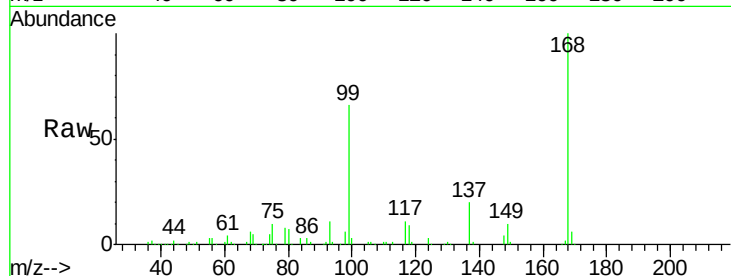
T1-I-(0)

Tot Ion:168 Resp: 423179

Ion Ratio Lower Upper

168 100

99 65.9 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

150000

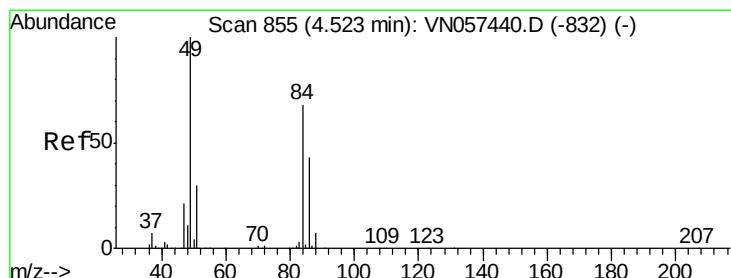
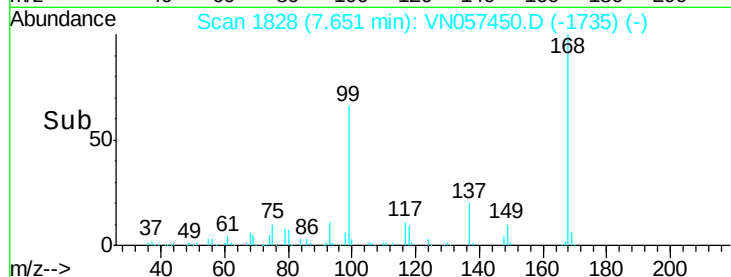
100000

50000

0

7.60 7.70

Time-->



#20

Methylene Chloride

Concen: 2.091 ug/l

RT: 4.53 min Scan# 857

Delta R.T. 0.01 min

Lab File: VN057450.D

Acq: 22 Aug 2019 22:58

Tgt Ion: 84 Resp: 10963

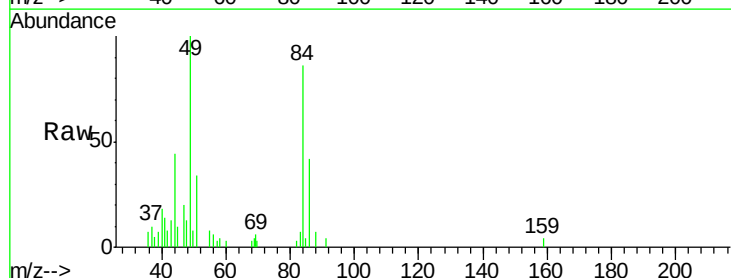
Ion Ratio Lower Upper

84 100

49 112.6 117.0 175.4#

51 37.7 35.5 53.3

86 50.4 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

4.53

8000

6000

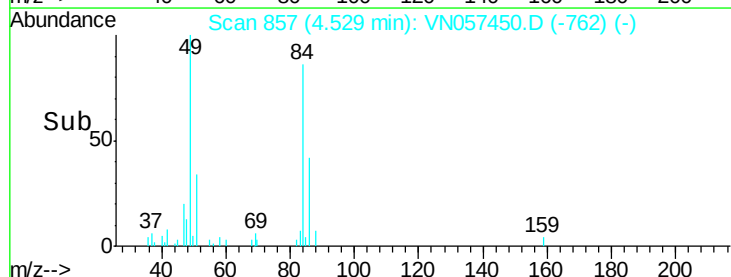
4000

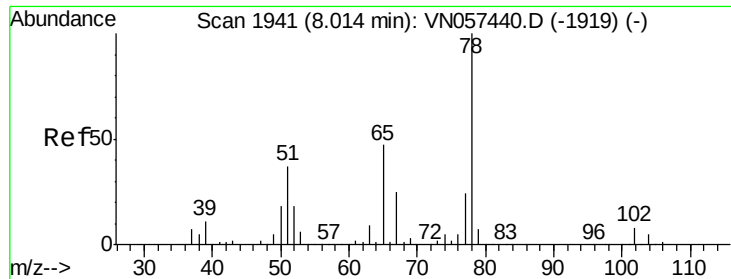
2000

0

4.45 4.50 4.55 4.60

Time-->

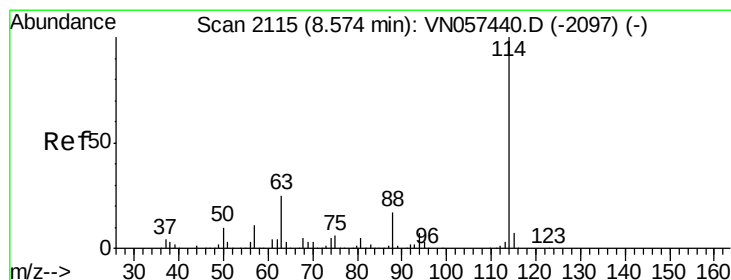
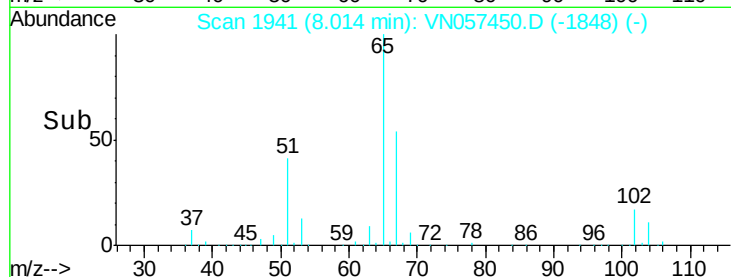
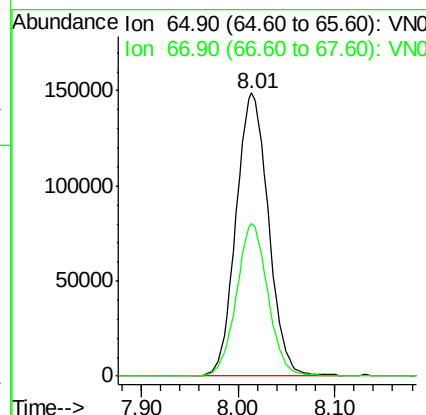
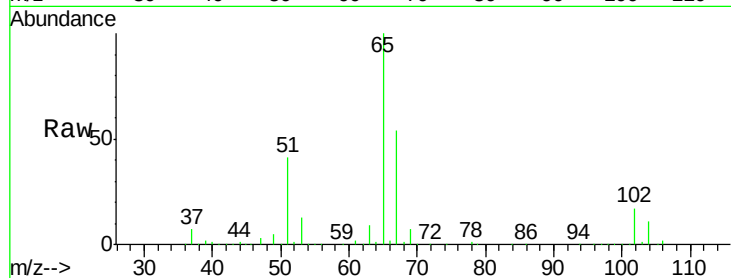




#33
 1,2-Dichloroethane-d4
 Concen: 46.564 ug/l
 RT: 8.01 min Scan# 1941
 Delta R.T. -0.00 min
 Lab File: VN057450.D
 Acq: 22 Aug 2019 22:58

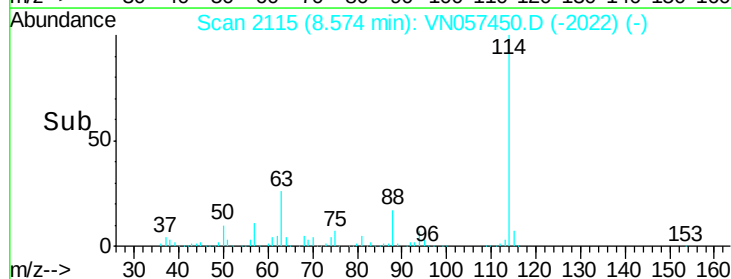
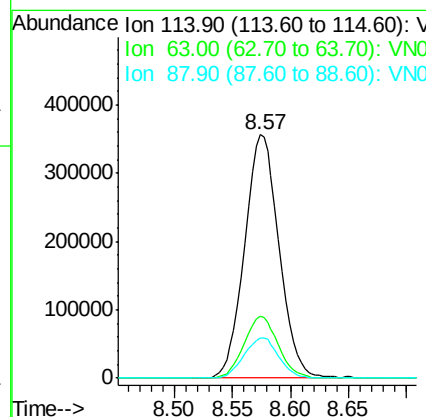
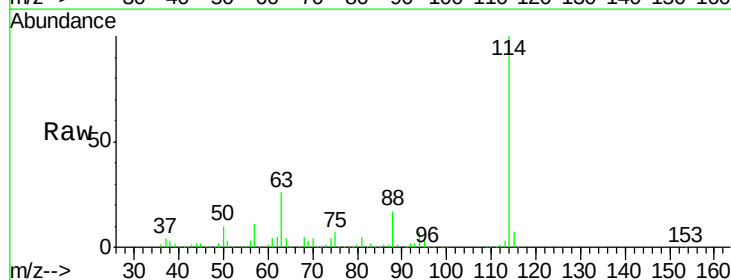
Instrument :
 MSVOA_N
 ClientSampleId :
 T1-I-(0)

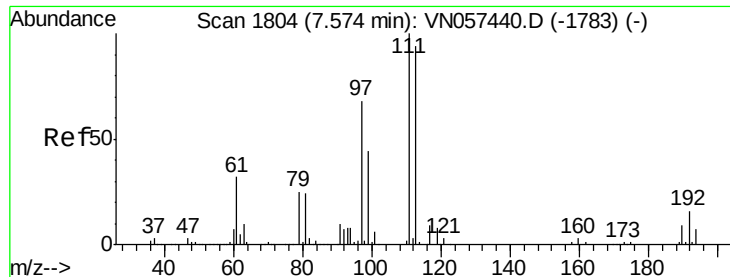
Tot Ion: 65 Resp: 346635
 Ion Ratio Lower Upper
 65 100
 67 52.5 0.0 103.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2115
 Delta R.T. -0.00 min
 Lab File: VN057450.D
 Acq: 22 Aug 2019 22:58

Tgt Ion: 114 Resp: 736640
 Ion Ratio Lower Upper
 114 100
 63 25.7 0.0 50.2
 88 16.5 0.0 34.6





#35

Dibromofluoromethane

Concen: 47.892 ug/l

RT: 7.58 min Scan# 1805

Delta R.T. 0.00 min

Lab File: VN057450.D

Acq: 22 Aug 2019 22:58

Instrument :
MSVOA_N
ClientSampleId :
T1-I(0)

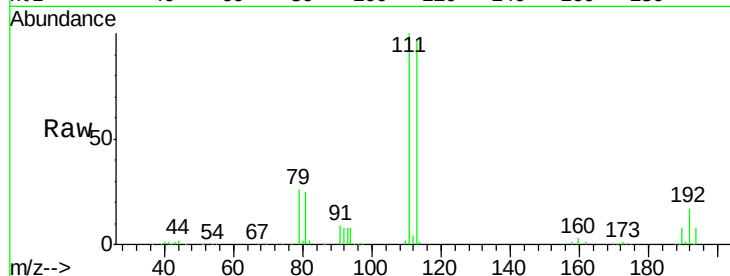
Tot Ion:113 Resp: 238296

Ion Ratio Lower Upper

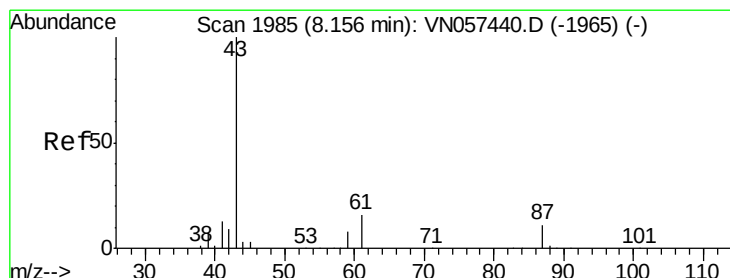
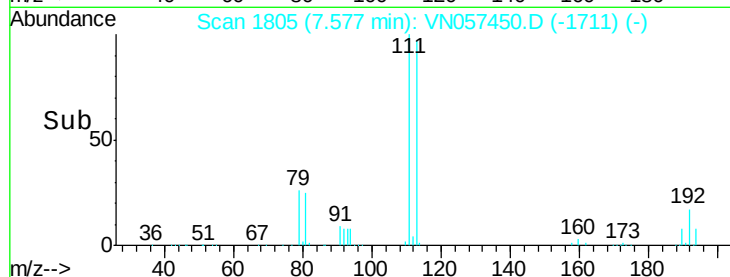
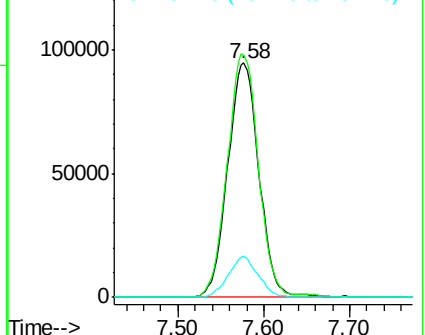
113 100

111 103.5 83.8 125.6

192 16.8 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: 8.375 ug/l

RT: 8.16 min Scan# 1986

Delta R.T. 0.00 min

Lab File: VN057450.D

Acq: 22 Aug 2019 22:58

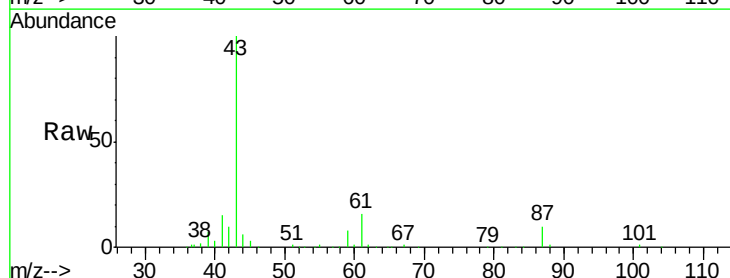
Tgt Ion: 43 Resp: 114218

Ion Ratio Lower Upper

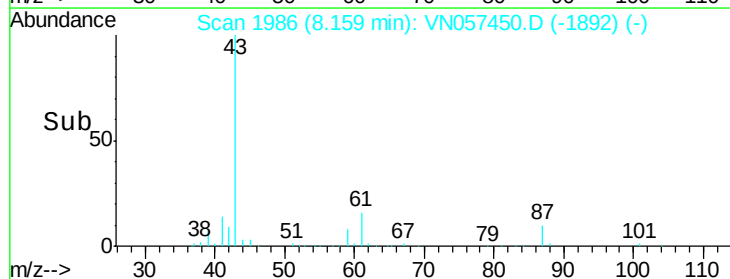
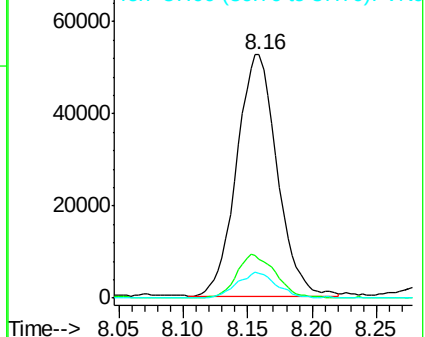
43 100

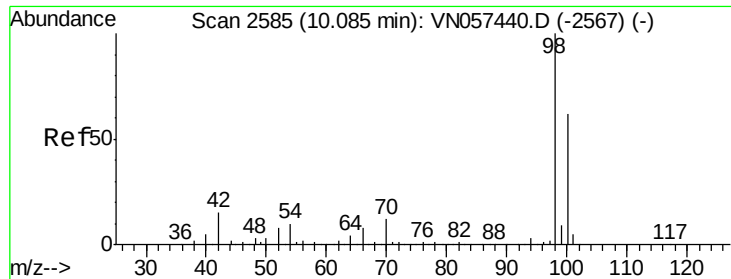
61 17.6 14.5 21.7

87 10.4 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: 49.784 ug/l

RT: 10.08 min Scan# 2585

Delta R.T. -0.00 min

Lab File: VN057450.D

Acq: 22 Aug 2019 22:58

Instrument :

MSVOA_N

ClientSampled :

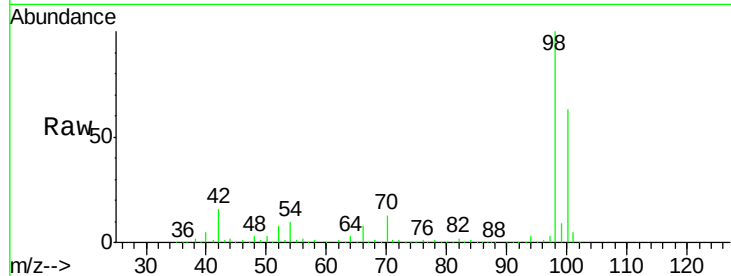
T1-I(0)

Tot Ion: 98 Resp: 936636

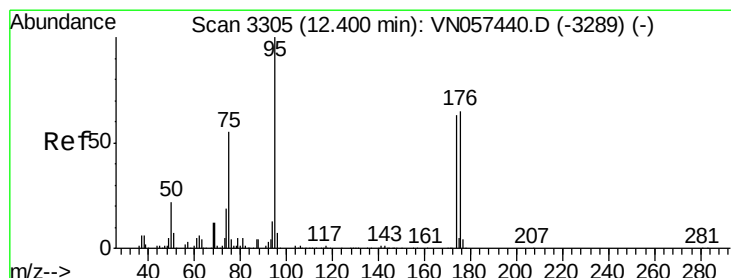
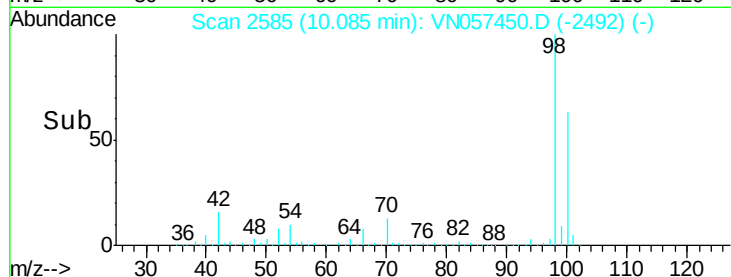
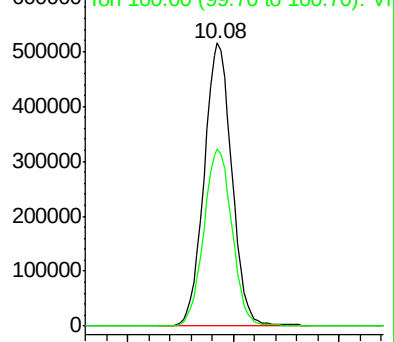
Ion Ratio Lower Upper

98 100

100 64.0 50.4 75.6



Abundance Ion 98.00 (97.70 to 98.70): VN057440.D (-2567) (-)



#62

4-Bromofluorobenzene

Concen: 39.967 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN057450.D

Acq: 22 Aug 2019 22:58

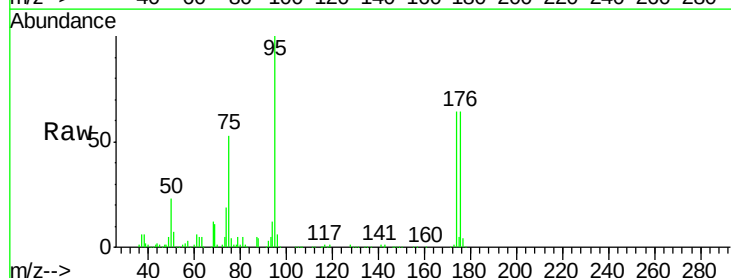
Tgt Ion: 95 Resp: 254819

Ion Ratio Lower Upper

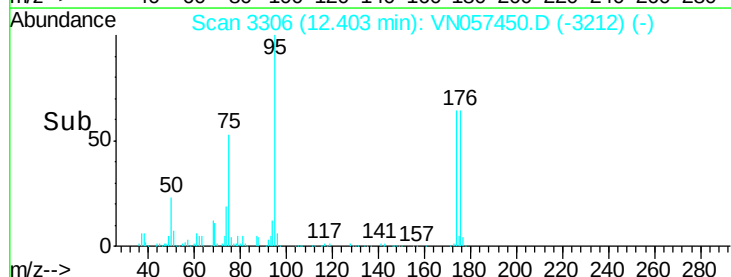
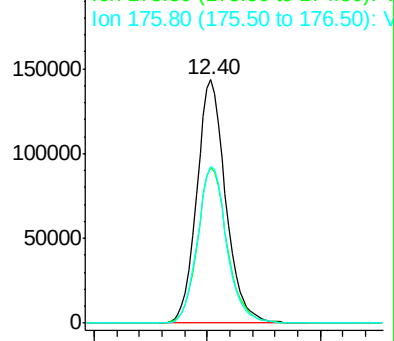
95 100

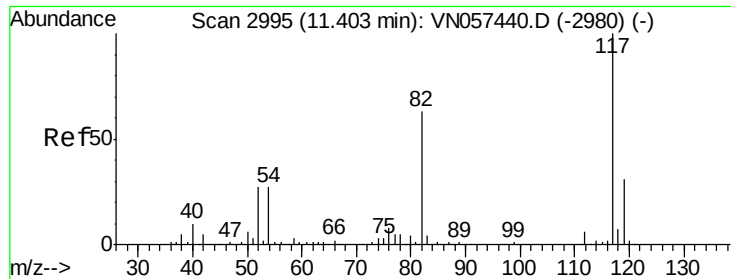
174 65.5 0.0 133.0

176 65.2 0.0 130.8



Abundance Ion 94.90 (94.60 to 95.60): VN057440.D (-3289) (-)

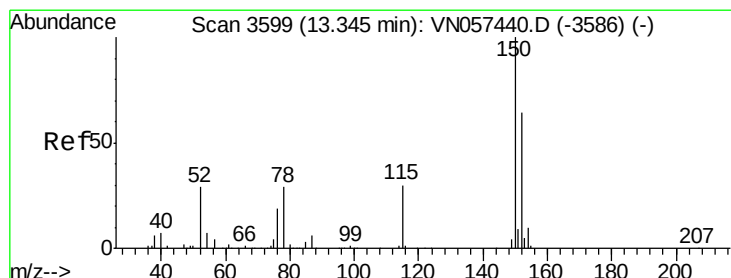
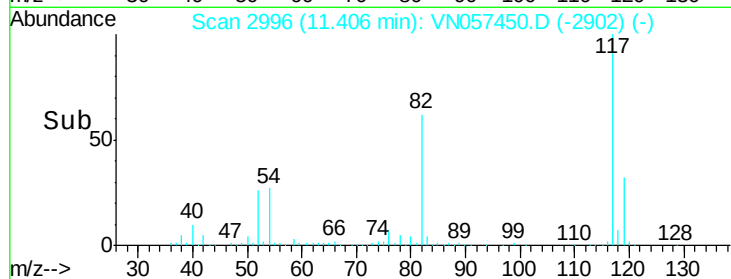
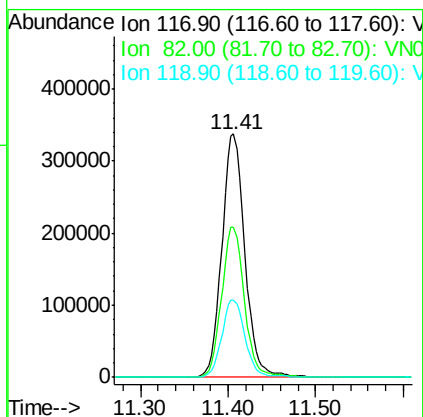
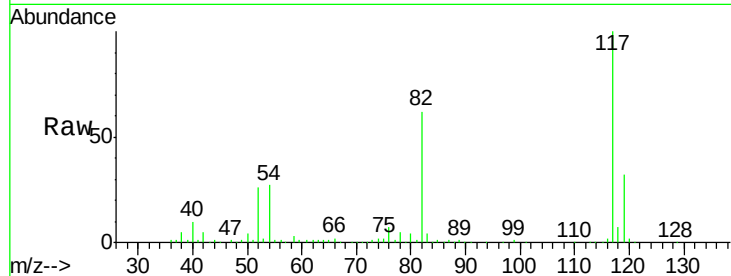




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN057450.D
Acq: 22 Aug 2019 22:58

Instrument :
MSVOA_N
ClientSampled :
T1-I(0)

Tot Ion:117 Resp: 615846
Ion Ratio Lower Upper
117 100
82 61.7 50.6 75.8
119 31.6 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: VN057450.D
Acq: 22 Aug 2019 22:58

Tgt Ion:152 Resp: 149832
Ion Ratio Lower Upper
152 100
115 64.5 32.0 96.0
150 158.3 0.0 346.6

