

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN091219\
 Data File : VN057948.D
 Acq On : 12 Sep 2019 00:35
 Operator : JC/SP
 Sample : K4848-02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 CBH-139-B

Quant Time: Sep 12 03:56:00 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091019W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 10 03:02:13 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	280096	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	469250	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	421434	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	218933	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.01	65	303198	53.44	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.88%	
35) Dibromofluoromethane	7.58	113	205696	47.49	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.98%	
50) Toluene-d8	10.09	98	815629	48.51	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.02%	
62) 4-Bromofluorobenzene	12.41	95	268610	41.92	ug/l	0.00
Spiked Amount 50.000			Recovery	=	83.84%	

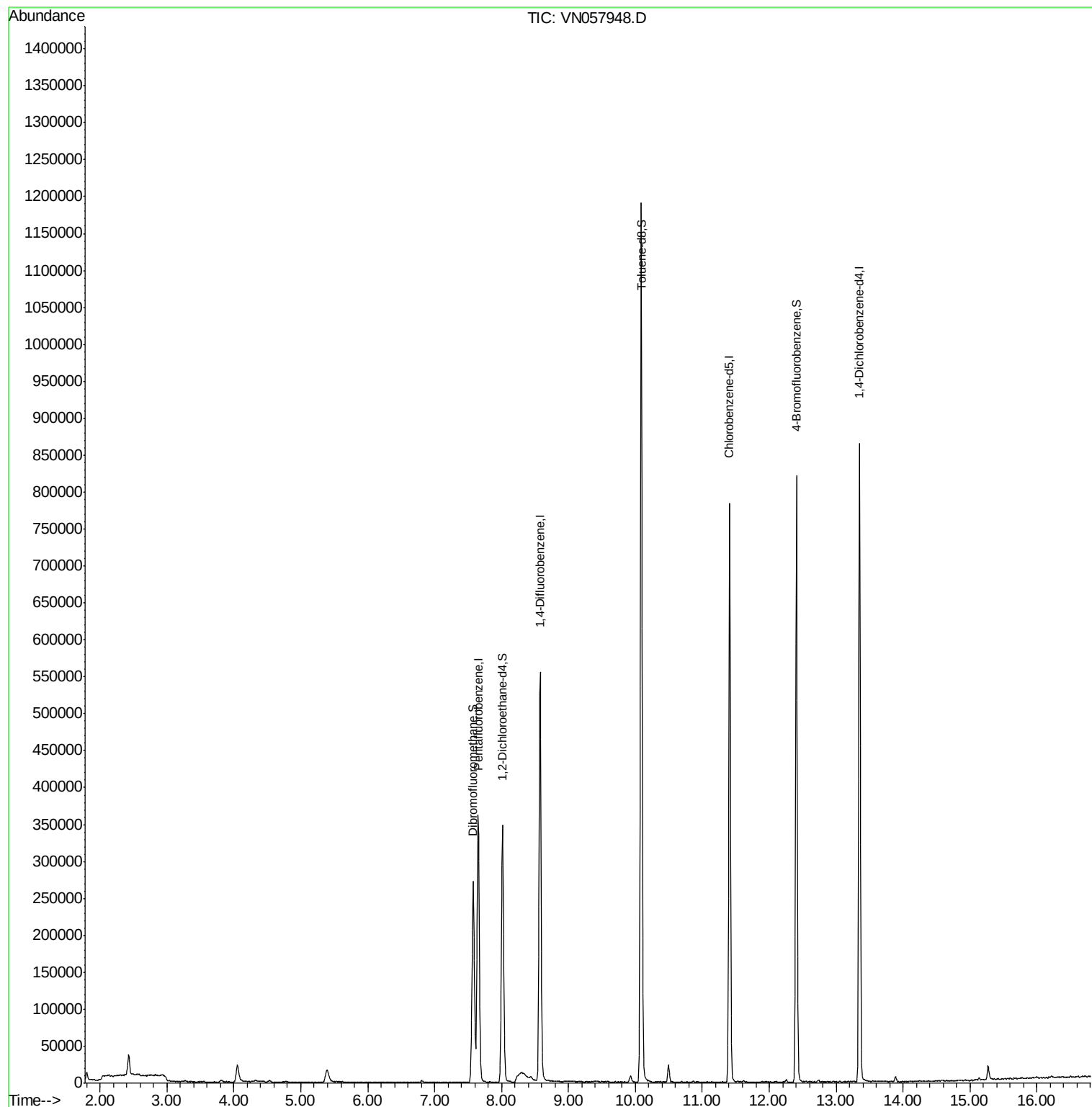
Target Compounds	Qvalue
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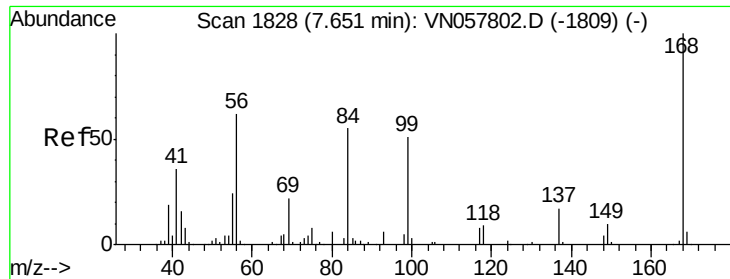
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.65 min Scan# 1829

Delta R.T. 0.00 min

Lab File: VN057948.D

Acq: 12 Sep 2019 00:35

Instrument :

MSVOA_N

ClientSampled :

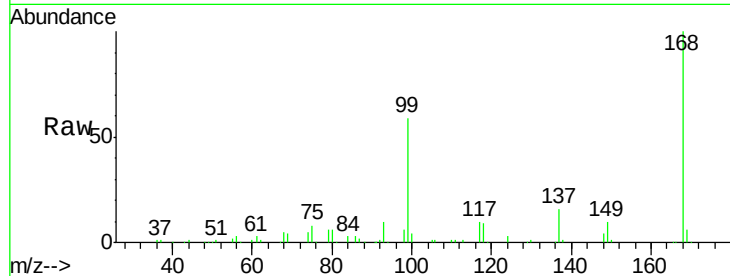
CBH-139-B

Tot Ion:168 Resp: 280096

Ion Ratio Lower Upper

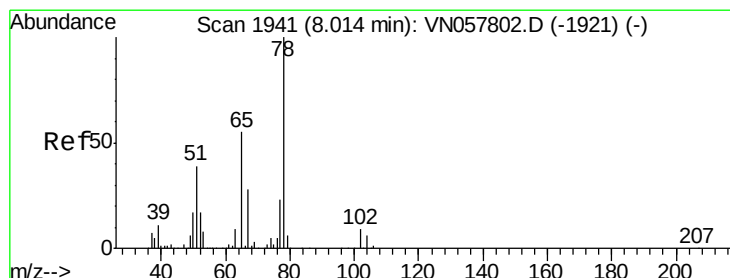
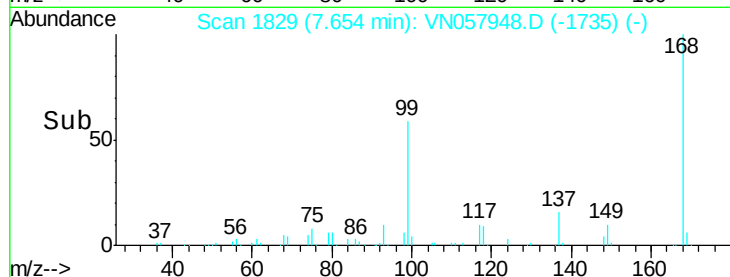
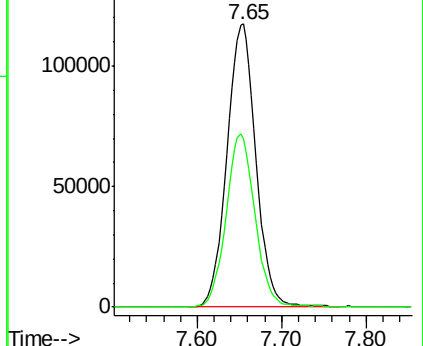
168 100

99 59.4 48.0 72.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#33

1,2-Dichloroethane-d4

Concen: 53.445 ug/l

RT: 8.01 min Scan# 1941

Delta R.T. 0.00 min

Lab File: VN057948.D

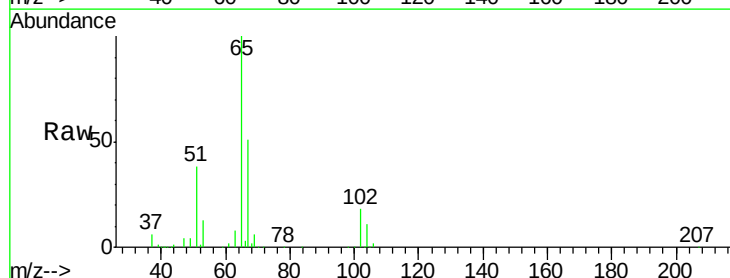
Acq: 12 Sep 2019 00:35

Tgt Ion: 65 Resp: 303198

Ion Ratio Lower Upper

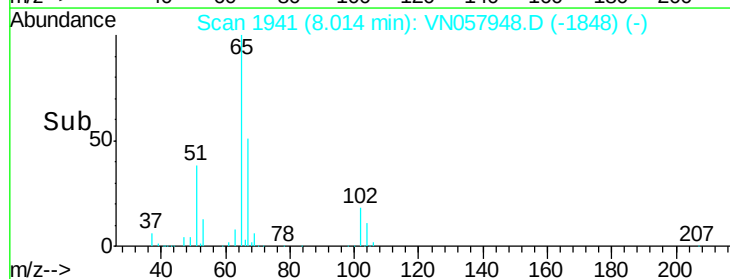
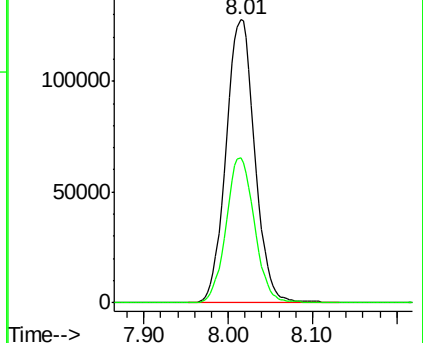
65 100

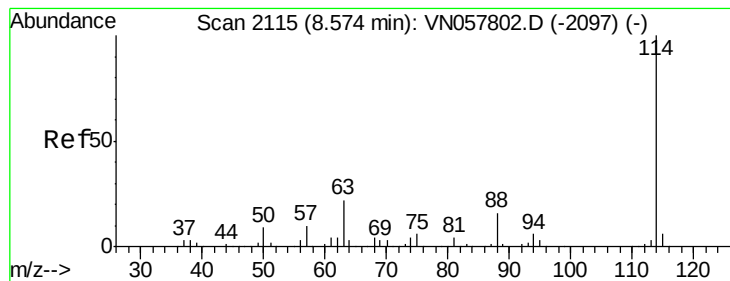
67 50.4 0.0 104.0



Abundance Ion 64.90 (64.60 to 65.60): VNO

Ion 66.90 (66.60 to 67.60): VNO





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.57 min Scan# 2115

Delta R.T. 0.00 min

Lab File: VN057948.D

Acq: 12 Sep 2019 00:35

Instrument :

MSVOA_N

ClientSampleId :

CBH-139-B

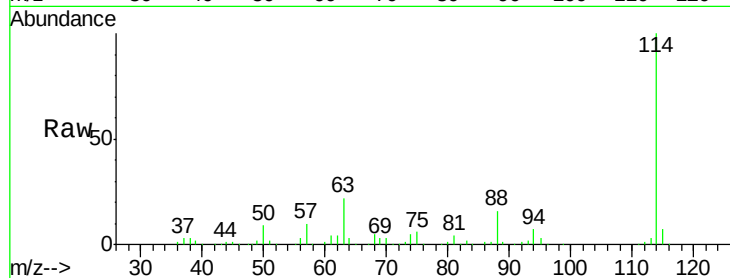
Tot Ion:114 Resp: 469250

Ion Ratio Lower Upper

114 100

63 22.3 0.0 44.0

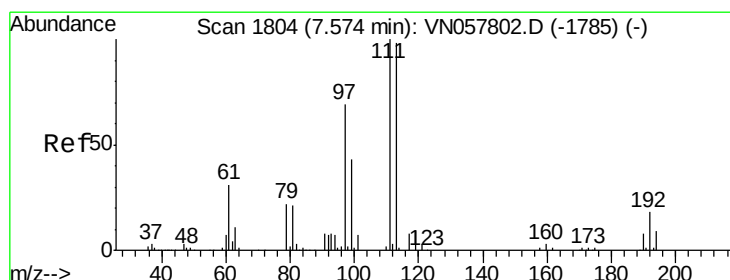
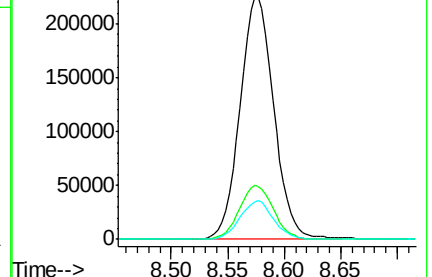
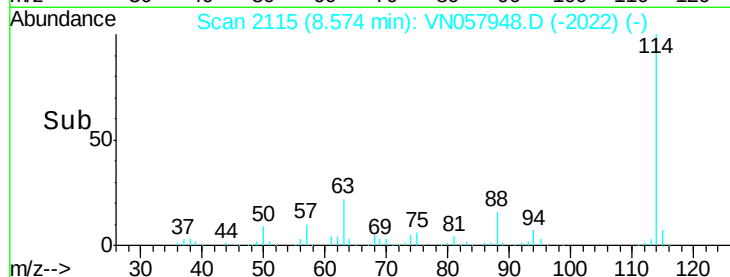
88 15.5 0.0 31.4



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: 47.494 ug/l

RT: 7.58 min Scan# 1805

Delta R.T. 0.00 min

Lab File: VN057948.D

Acq: 12 Sep 2019 00:35

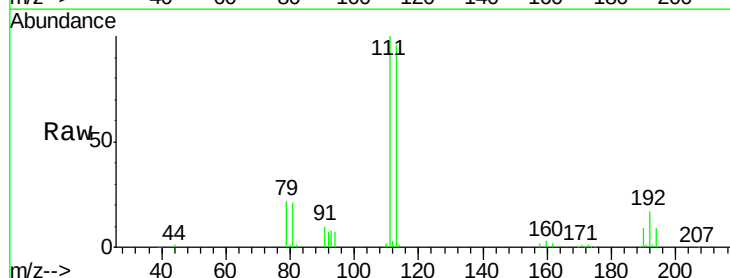
Tgt Ion:113 Resp: 205696

Ion Ratio Lower Upper

113 100

111 102.3 81.3 121.9

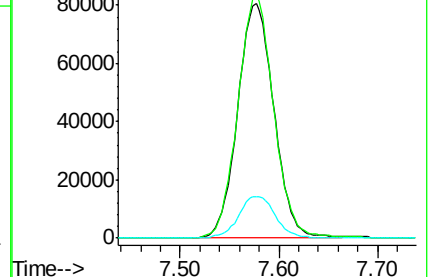
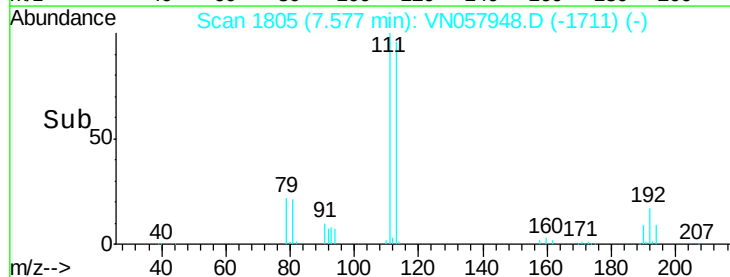
192 18.0 14.6 22.0

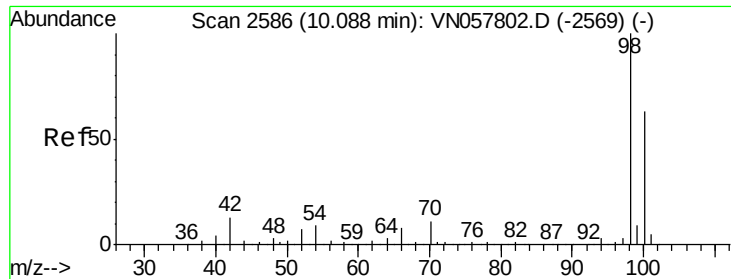


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

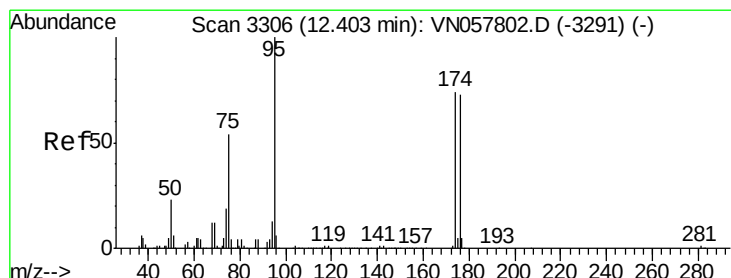
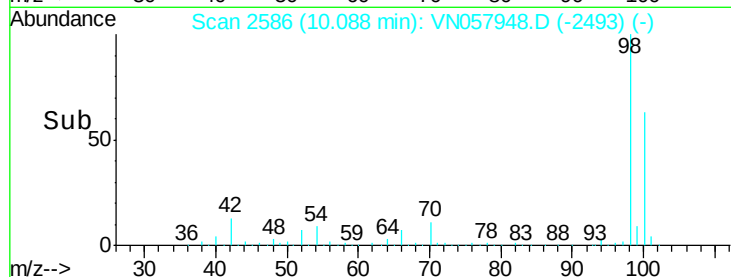
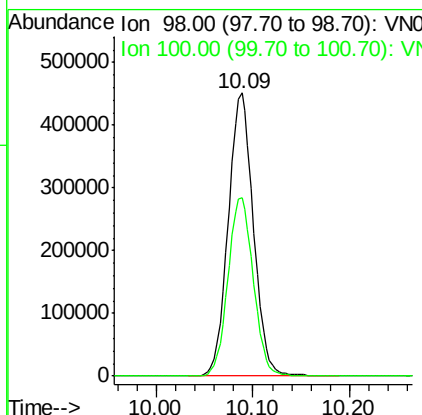
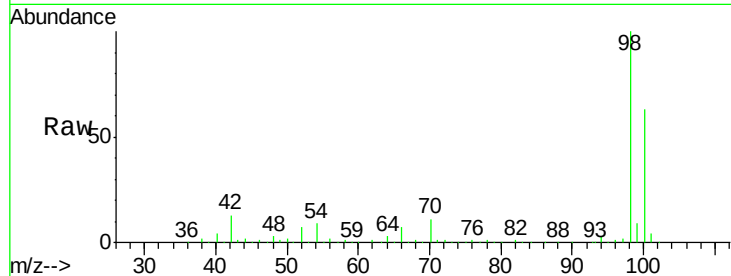




#50
Toluene-d8
Concen: 48.505 ug/l
RT: 10.09 min Scan# 2586
Delta R.T. 0.00 min
Lab File: VN057948.D
Acq: 12 Sep 2019 00:35

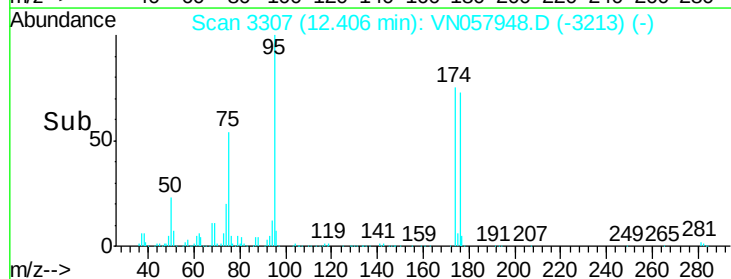
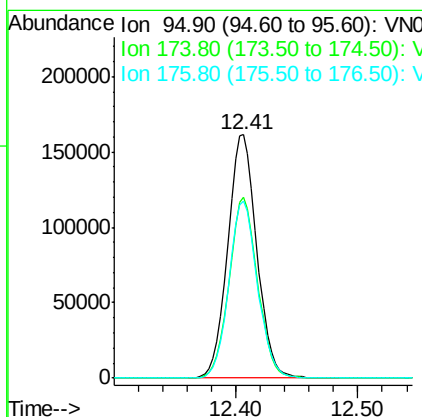
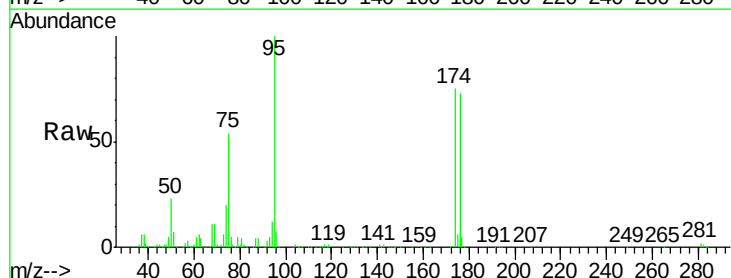
Instrument :
MSVOA_N
ClientSampled :
CBH-139-B

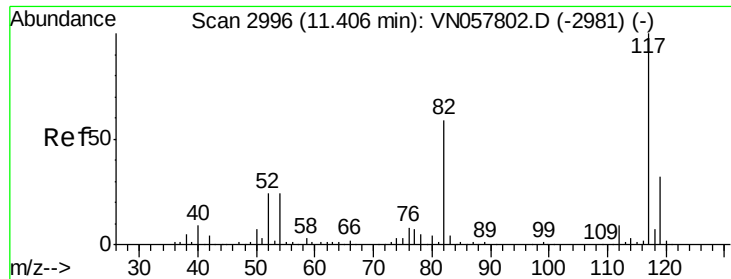
Tot Ion: 98 Resp: 815629
Ion Ratio Lower Upper
98 100
100 63.5 50.3 75.5



#62
4-Bromofluorobenzene
Concen: 41.917 ug/l
RT: 12.41 min Scan# 3307
Delta R.T. 0.00 min
Lab File: VN057948.D
Acq: 12 Sep 2019 00:35

Tgt Ion: 95 Resp: 268610
Ion Ratio Lower Upper
95 100
174 73.1 0.0 150.2
176 71.4 0.0 146.0

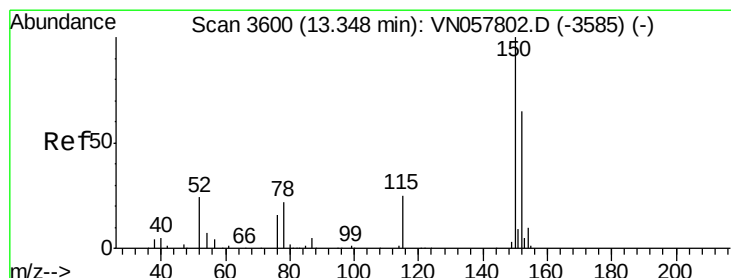
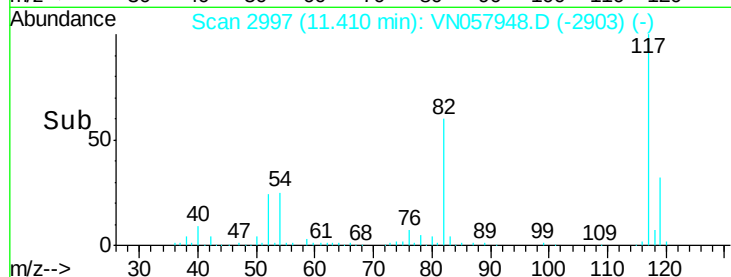
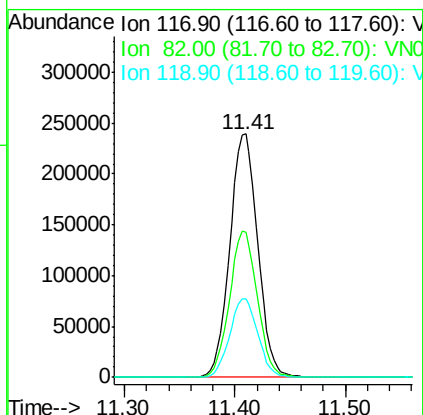
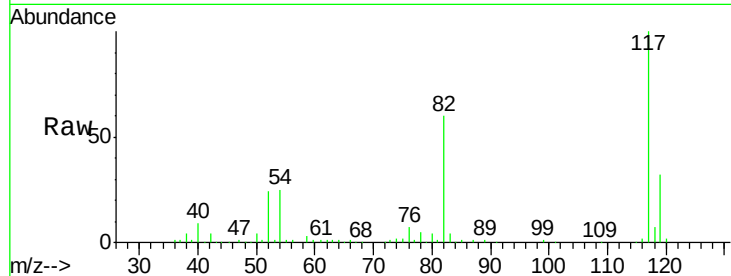




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2997
Delta R.T. 0.00 min
Lab File: VN057948.D
Acq: 12 Sep 2019 00:35

Instrument :
MSVOA_N
ClientSampled :
CBH-139-B

Tot Ion:117 Resp: 421434
Ion Ratio Lower Upper
117 100
82 59.6 47.2 70.8
119 32.3 25.3 37.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3600
Delta R.T. 0.00 min
Lab File: VN057948.D
Acq: 12 Sep 2019 00:35

Tgt Ion:152 Resp: 218933
Ion Ratio Lower Upper
152 100
115 59.9 30.3 91.0
150 155.5 0.0 352.4

