

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN091019\
 Data File : VN057830.D
 Acq On : 10 Sep 2019 3:12
 Operator : JC/SP
 Sample : VN0910WBL02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0910WBL02

Quant Time: Sep 10 08:16:49 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	290860	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	490962	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	445673	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	227787	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.01	65	316981	53.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.62%	
35) Dibromofluoromethane	7.58	113	218344	48.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.36%	
50) Toluene-d8	10.09	98	894667	50.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.70%	
62) 4-Bromofluorobenzene	12.40	95	283916	42.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	84.70%	

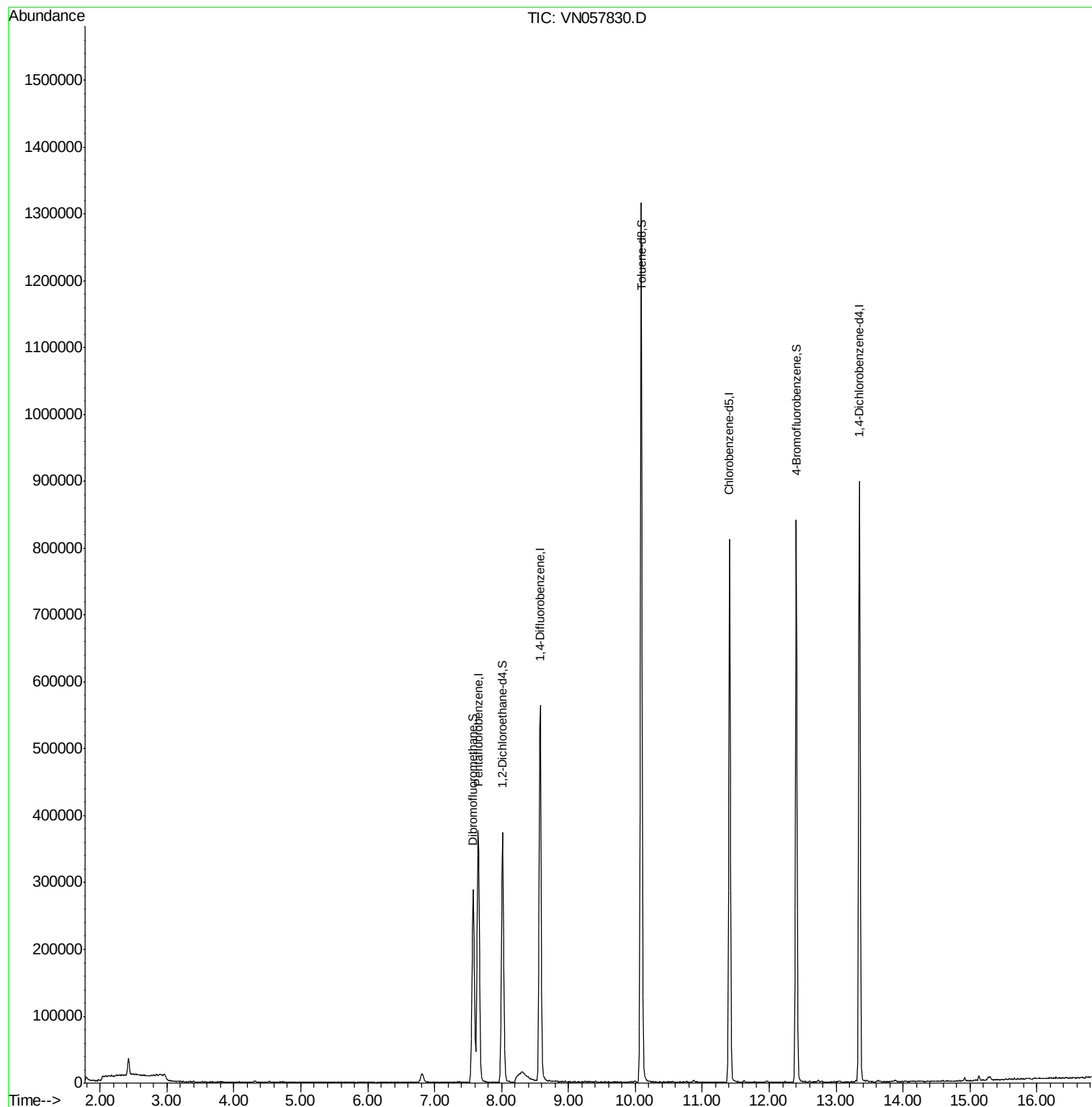
Target Compounds	Qvalue

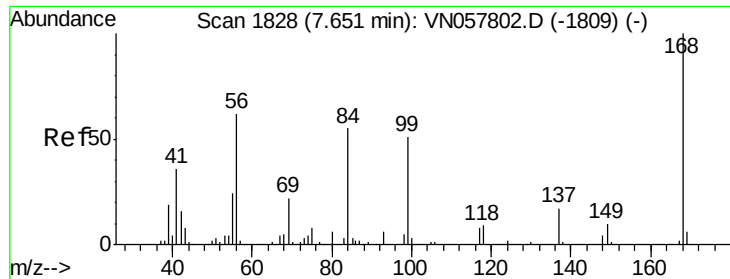
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Tue Sep 10 03:02:13 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.65 min Scan# 1828

Delta R.T. 0.00 min

Lab File: VN057830.D

Acq: 10 Sep 2019 3:12

Instrument :

MSVOA_N

ClientSampled :

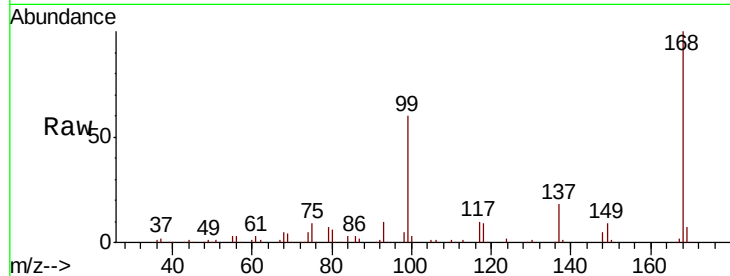
VN0910WBL02

Tot Ion:168 Resp: 290860

Ion Ratio Lower Upper

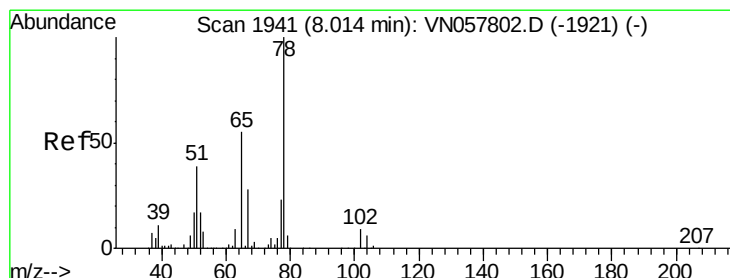
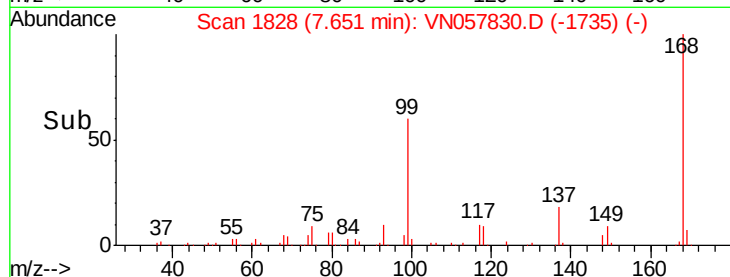
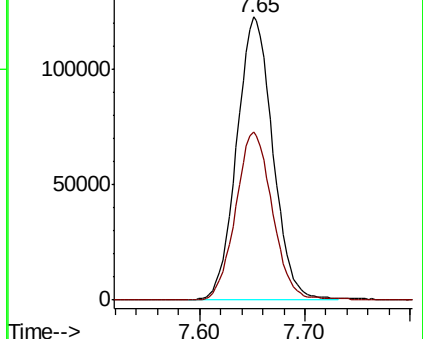
168 100

99 59.6 48.0 72.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0



#33

1,2-Dichloroethane-d4

Concen: 53.806 ug/l

RT: 8.01 min Scan# 1941

Delta R.T. 0.00 min

Lab File: VN057830.D

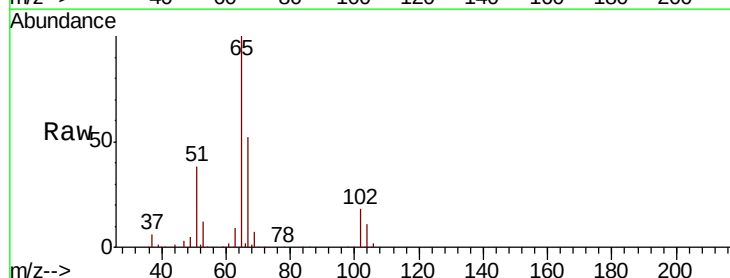
Acq: 10 Sep 2019 3:12

Tgt Ion: 65 Resp: 316981

Ion Ratio Lower Upper

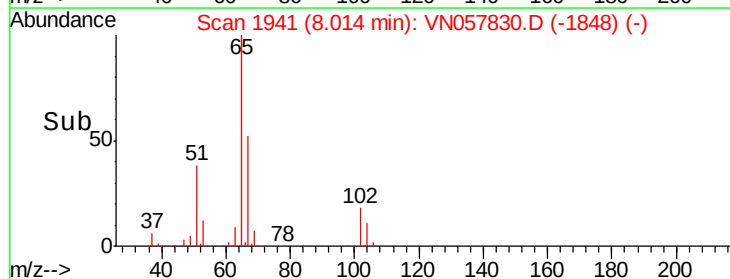
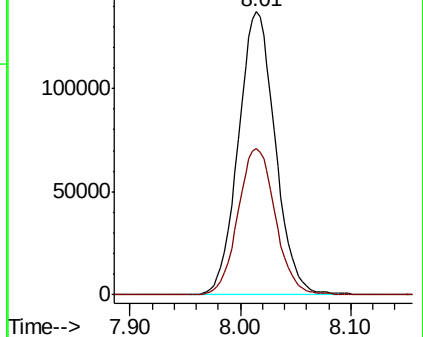
65 100

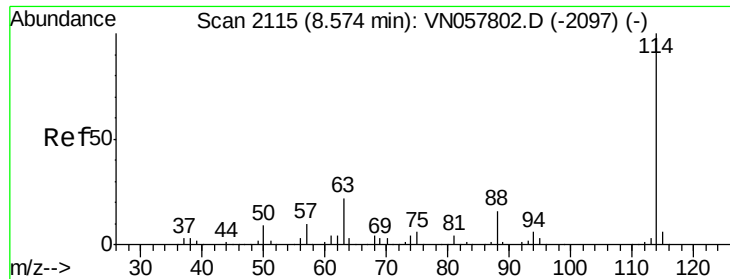
67 52.6 0.0 104.0



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0

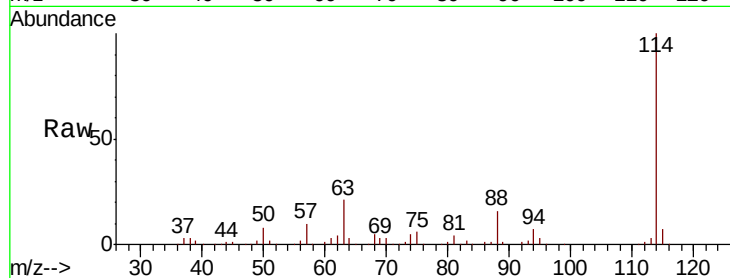




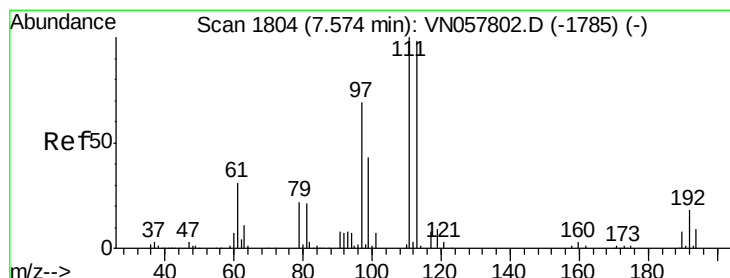
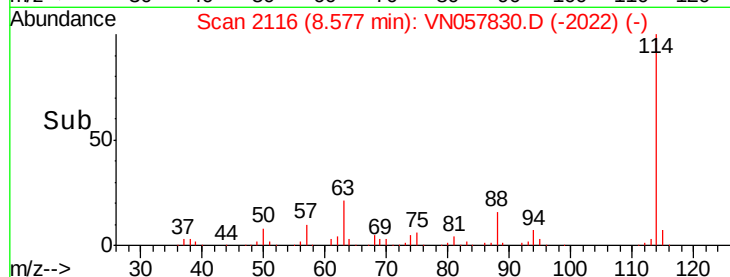
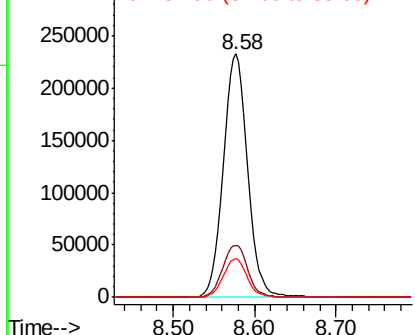
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.58 min Scan# 2116
 Delta R.T. 0.00 min
 Lab File: VN057830.D
 Acq: 10 Sep 2019 3:12

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0910WBL02

Tot Ion:114 Resp: 490962
 Ion Ratio Lower Upper
 114 100
 63 21.5 0.0 44.0
 88 16.0 0.0 31.4

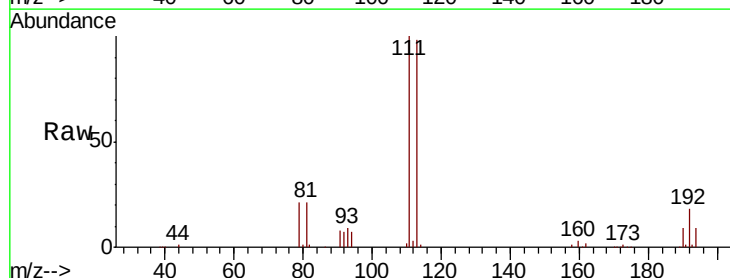


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

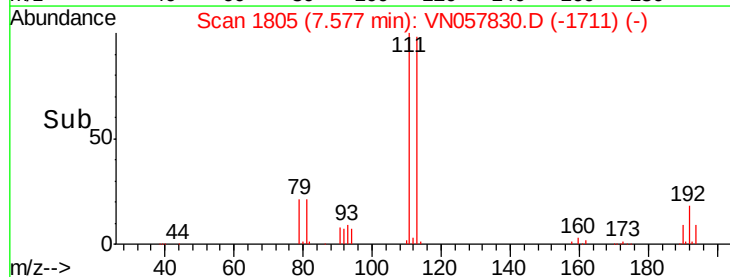
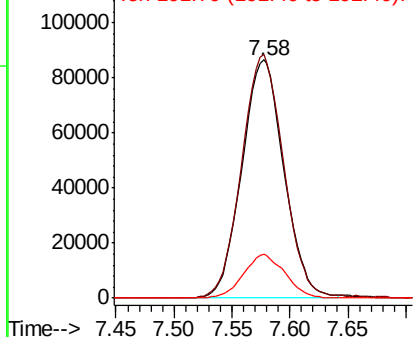


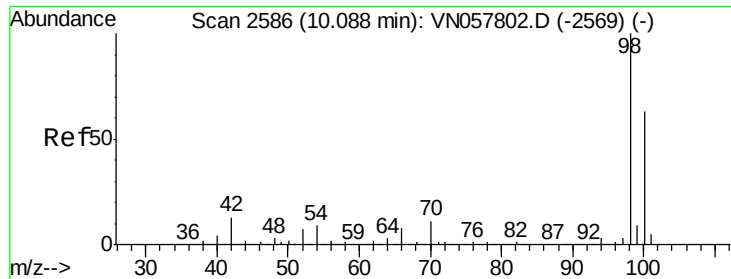
#35
 Dibromofluoromethane
 Concen: 48.185 ug/l
 RT: 7.58 min Scan# 1805
 Delta R.T. 0.00 min
 Lab File: VN057830.D
 Acq: 10 Sep 2019 3:12

Tgt Ion:113 Resp: 218344
 Ion Ratio Lower Upper
 113 100
 111 102.5 81.3 121.9
 192 18.2 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: 50.853 ug/l

RT: 10.09 min Scan# 2586

Delta R.T. 0.00 min

Lab File: VN057830.D

Acq: 10 Sep 2019 3:12

Instrument :

MSVOA_N

ClientSampleId :

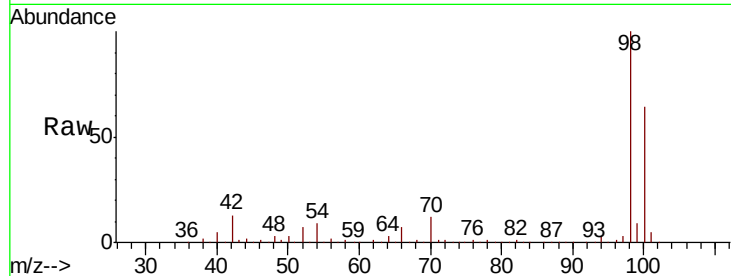
VN0910WBL02

Tot Ion: 98 Resp: 894667

Ion Ratio Lower Upper

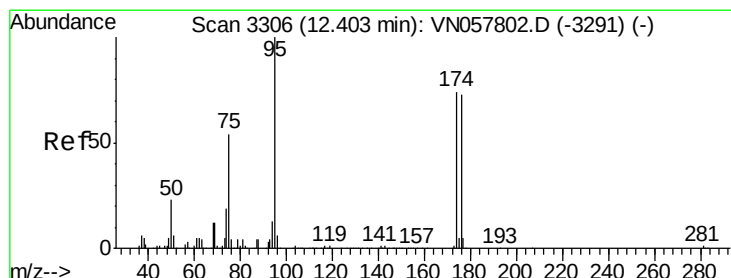
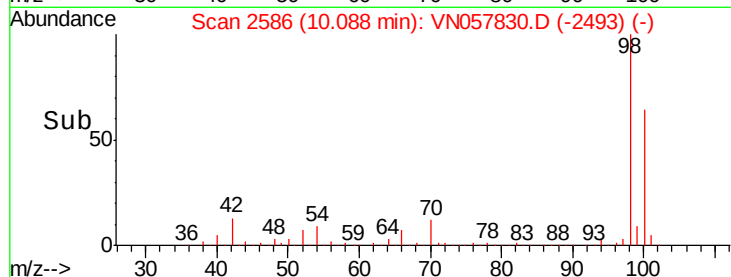
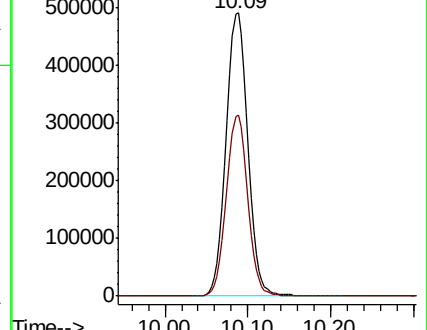
98 100

100 63.1 50.3 75.5



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN



#62

4-Bromofluorobenzene

Concen: 42.347 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN057830.D

Acq: 10 Sep 2019 3:12

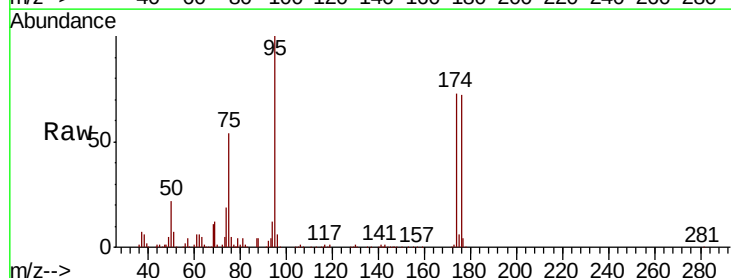
Tgt Ion: 95 Resp: 283916

Ion Ratio Lower Upper

95 100

174 74.2 0.0 150.2

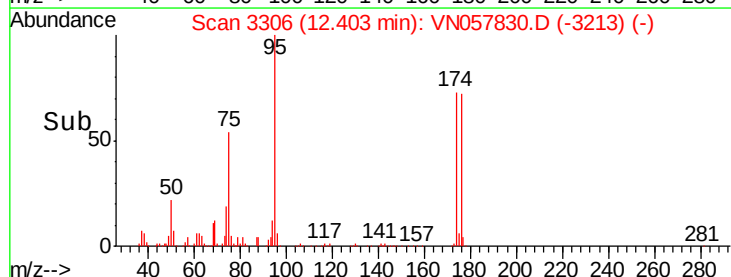
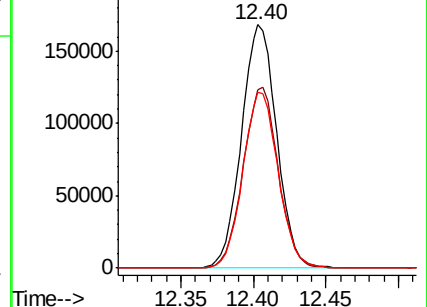
176 72.5 0.0 146.0

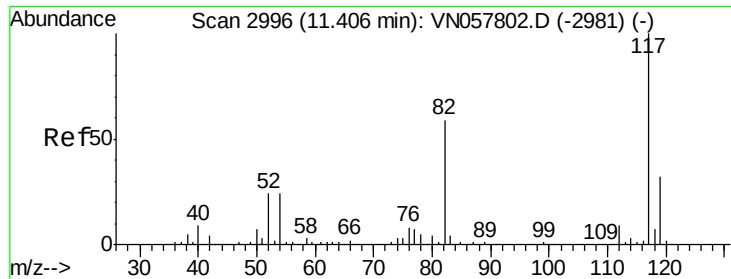


Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

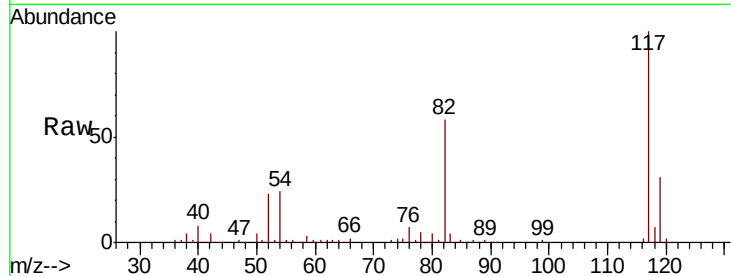




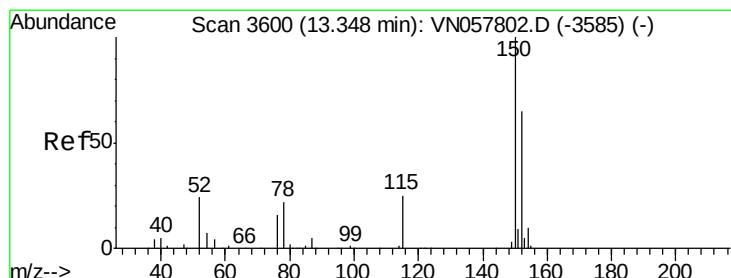
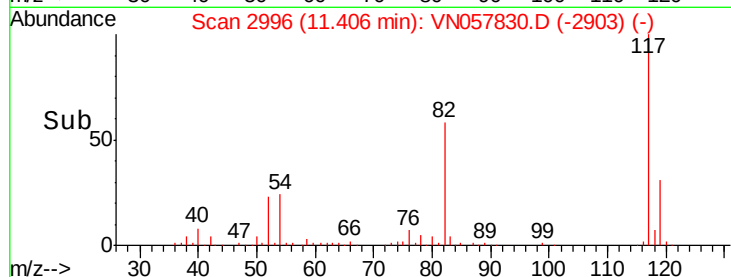
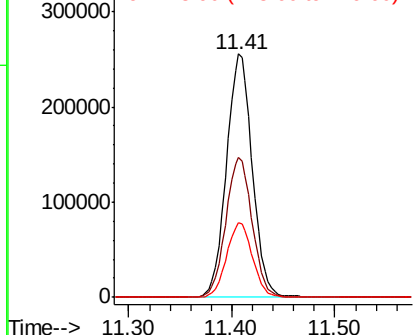
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN057830.D
Acq: 10 Sep 2019 3:12

Instrument :
MSVOA_N
ClientSampleId :
VN0910WBL02

Tot Ion:117 Resp: 445673
Ion Ratio Lower Upper
117 100
82 57.6 47.2 70.8
119 30.8 25.3 37.9

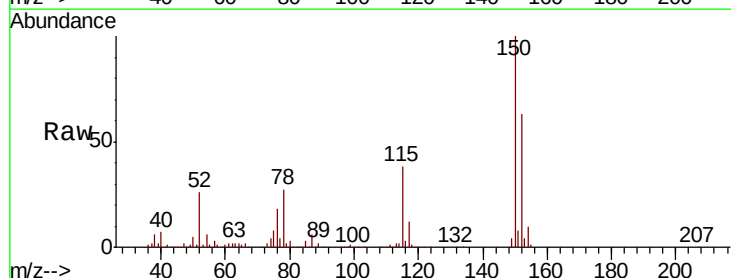


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3600
Delta R.T. 0.00 min
Lab File: VN057830.D
Acq: 10 Sep 2019 3:12

Tgt Ion:152 Resp: 227787
Ion Ratio Lower Upper
152 100
115 60.3 30.3 91.0
150 158.5 0.0 352.4



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V

