

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN100720\
 Data File : VN063937.D
 Acq On : 7 Oct 2020 12:08
 Operator : JC/MD
 Sample : L4253-01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 STORAGE-BLANK-SOIL-REF-6

Quant Time: Oct 08 05:20:50 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N093020W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 01 01:46:38 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	231725	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	416422	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	427143	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	164710	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.99	65	198798	51.93	ug/l	0.00
Spiked Amount						
			Recovery	=	103.86%	
35) Dibromofluoromethane	7.55	113	145241	50.27	ug/l	0.00
Spiked Amount						
			Recovery	=	100.54%	
50) Toluene-d8	10.06	98	536113	48.94	ug/l	0.00
Spiked Amount						
			Recovery	=	97.88%	
62) 4-Bromofluorobenzene	12.38	95	204968	49.78	ug/l	0.00
Spiked Amount						
			Recovery	=	99.56%	

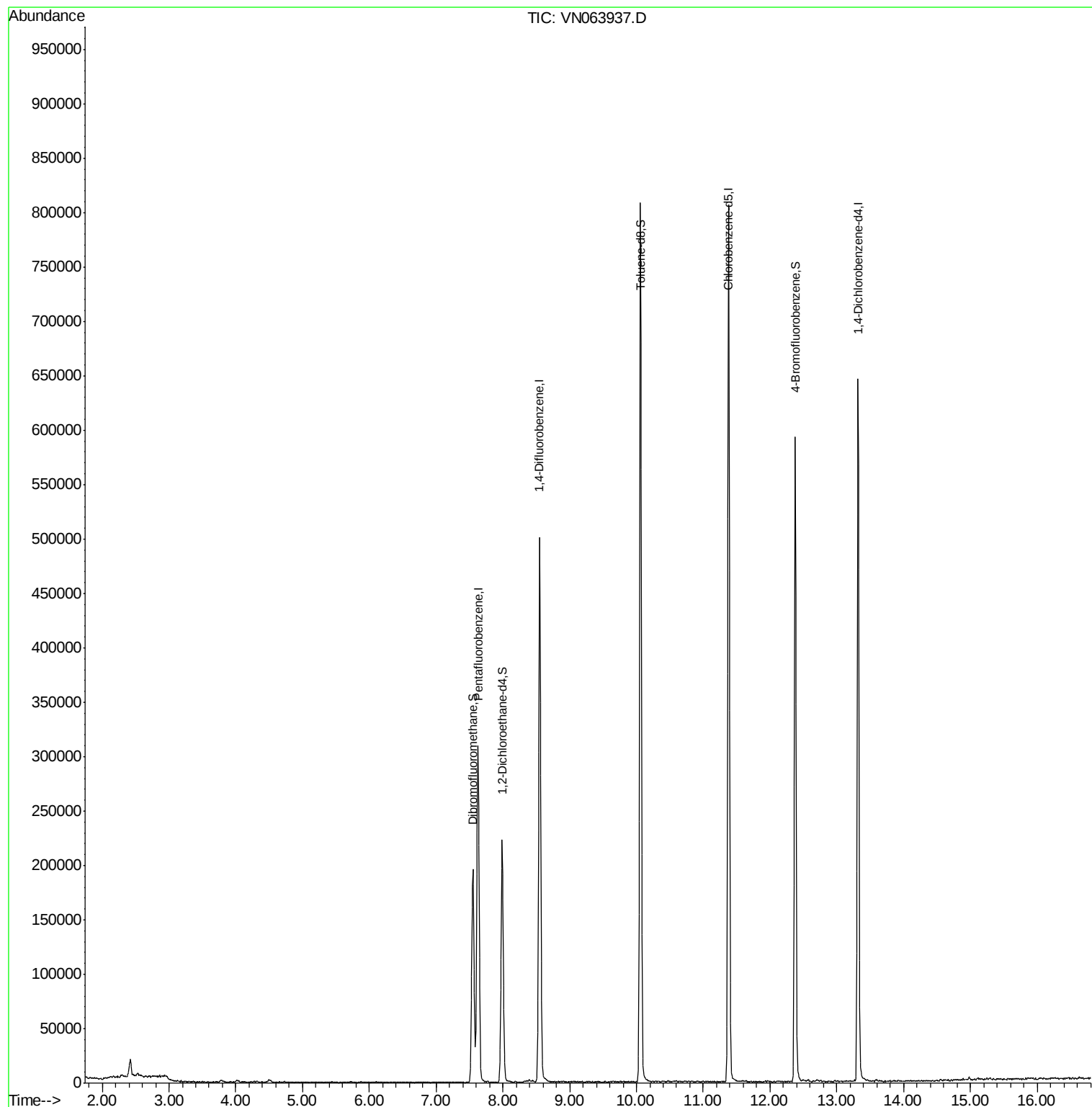
Target Compounds	Qvalue

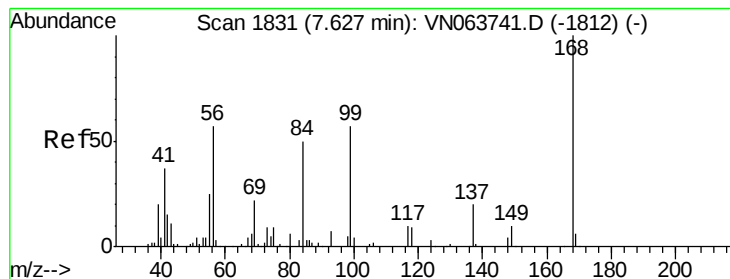
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1831

Delta R.T. 0.00 min

Lab File: VN063937.D

Acq: 7 Oct 2020 12:08

Instrument :

MSVOA_N

ClientSampleId :

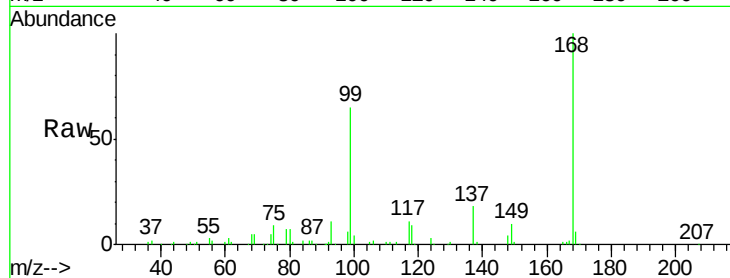
STORAGE-BLANK-SOIL-REF-6

Tot Ion:168 Resp: 231725

Ion Ratio Lower Upper

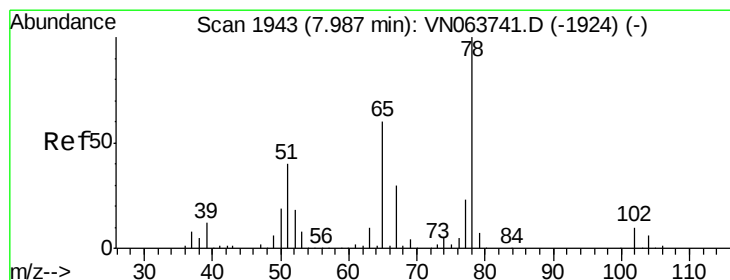
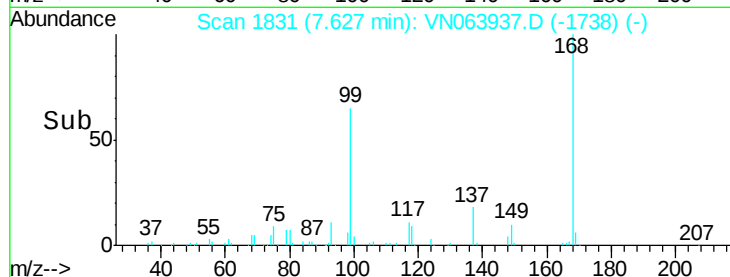
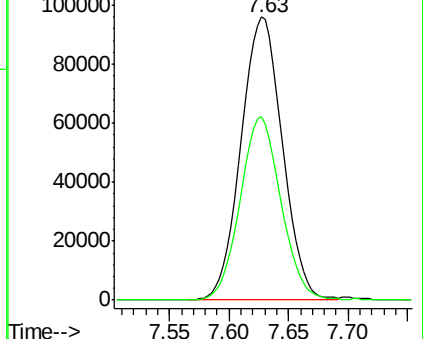
168 100

99 64.7 51.8 77.6



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: 51.929 ug/l

RT: 7.99 min Scan# 1943

Delta R.T. 0.00 min

Lab File: VN063937.D

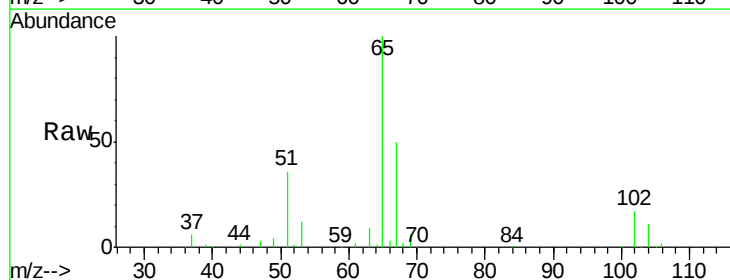
Acq: 7 Oct 2020 12:08

Tgt Ion: 65 Resp: 198798

Ion Ratio Lower Upper

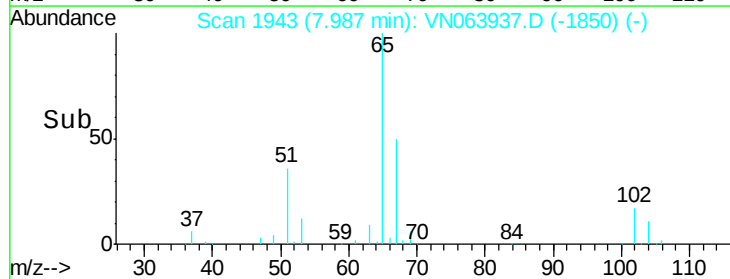
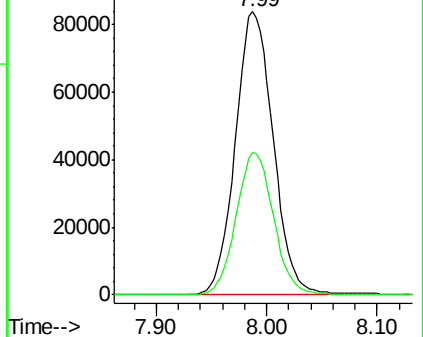
65 100

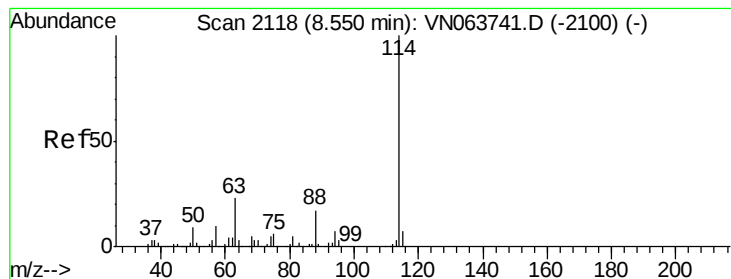
67 49.9 0.0 99.6



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: 8.55 min Scan# 2118

Delta R.T. 0.00 min

Lab File: VN063937.D

Acq: 7 Oct 2020 12:08

Instrument :

MSVOA_N

ClientSampleId :

STORAGE-BLANK-SOIL-REF-6

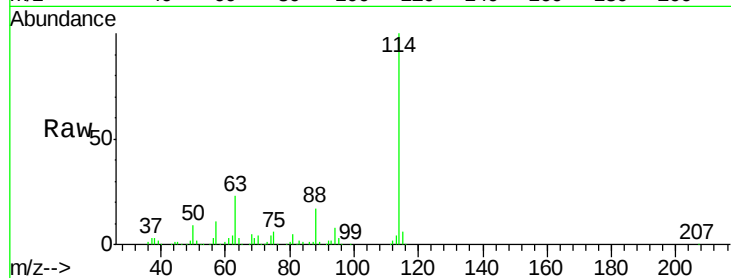
Tot Ion:114 Resp: 416422

Ion Ratio Lower Upper

114 100

63 23.2 0.0 45.0

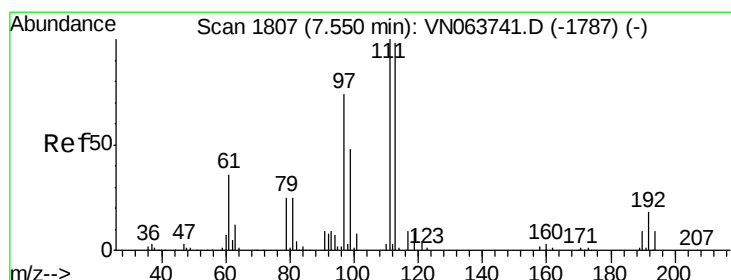
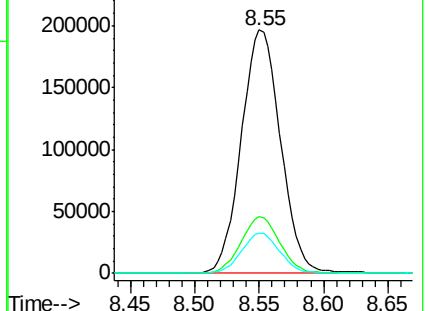
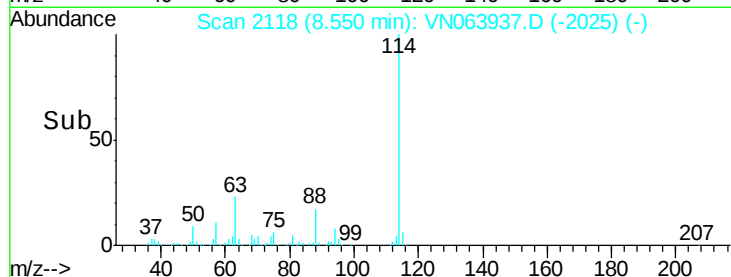
88 16.7 0.0 34.0



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: 50.266 ug/l

RT: 7.55 min Scan# 1807

Delta R.T. 0.00 min

Lab File: VN063937.D

Acq: 7 Oct 2020 12:08

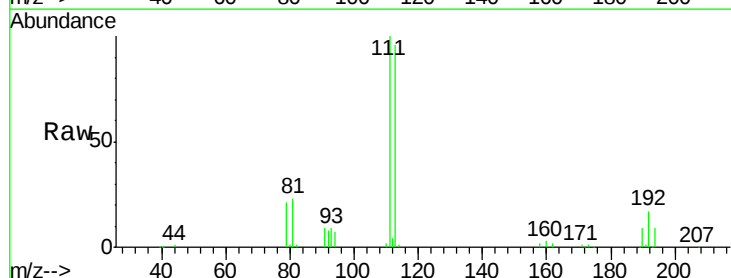
Tgt Ion:113 Resp: 145241

Ion Ratio Lower Upper

113 100

111 106.2 81.8 122.8

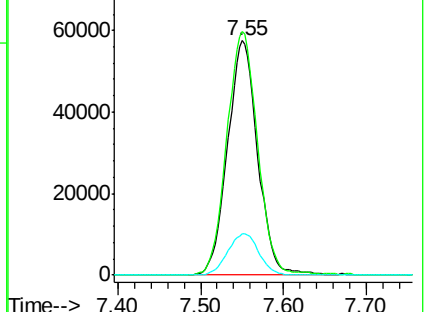
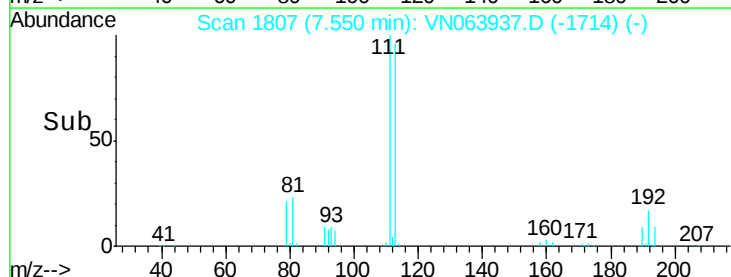
192 18.2 14.2 21.2

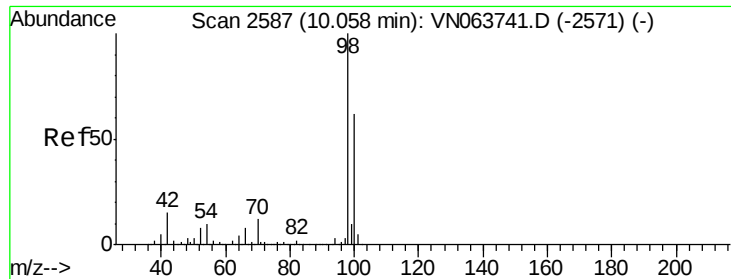


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 48.944 ug/l

RT: 10.06 min Scan# 2588

Delta R.T. 0.00 min

Lab File: VN063937.D

Acq: 7 Oct 2020 12:08

Instrument :

MSVOA_N

ClientSampleId :

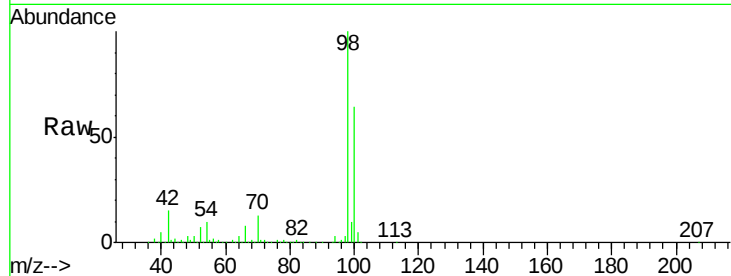
STORAGE-BLANK-SOIL-REF-6

Tot Ion: 98 Resp: 536113

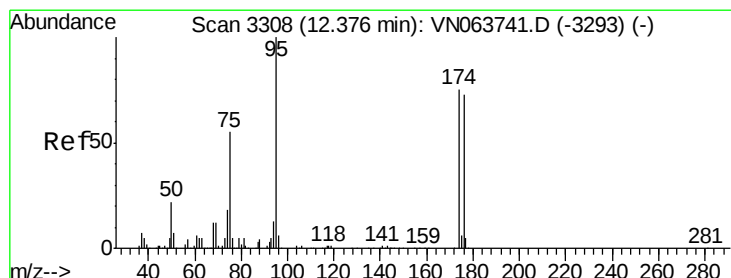
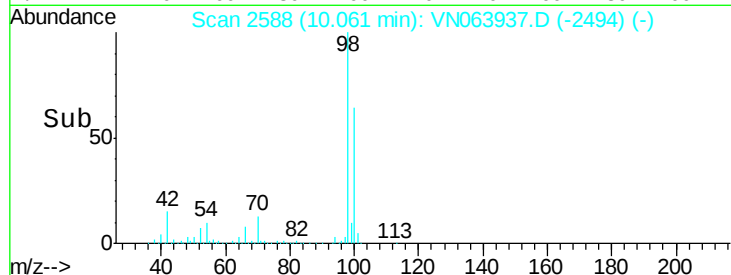
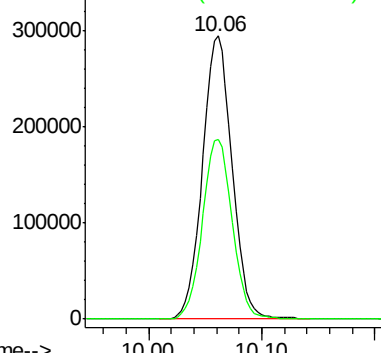
Ion Ratio Lower Upper

98 100

100 63.7 49.8 74.6



Abundance Ion 98.00 (97.70 to 98.70): VN063937.D (-2571) (-)



#62

4-Bromofluorobenzene

Concen: 49.779 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. 0.00 min

Lab File: VN063937.D

Acq: 7 Oct 2020 12:08

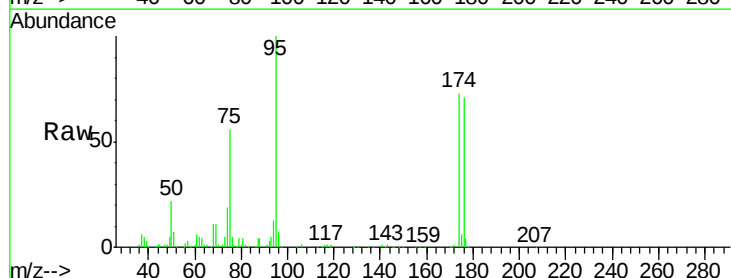
Tgt Ion: 95 Resp: 204968

Ion Ratio Lower Upper

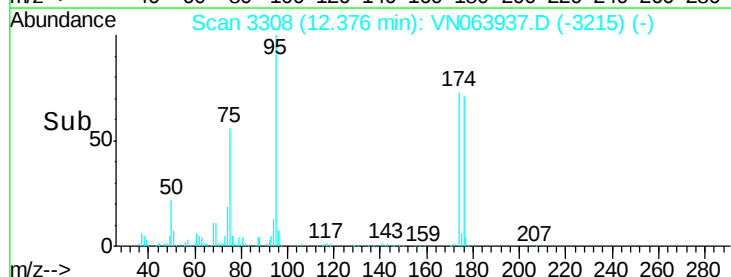
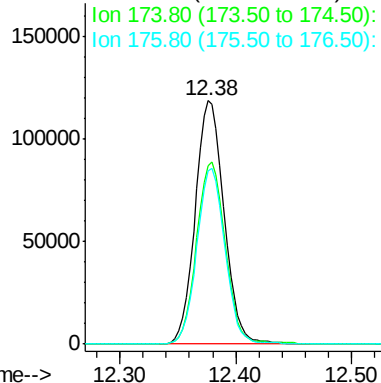
95 100

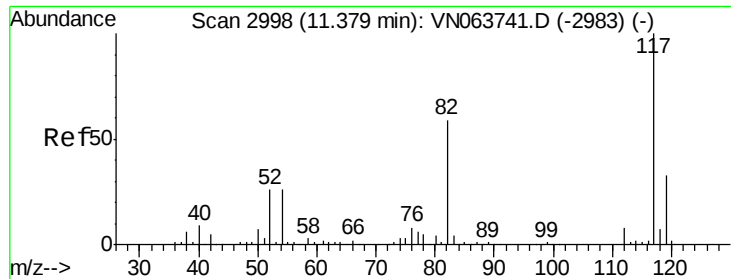
174 74.2 0.0 150.6

176 70.6 0.0 145.4



Abundance Ion 94.90 (94.60 to 95.60): VN063937.D (-3215) (-)

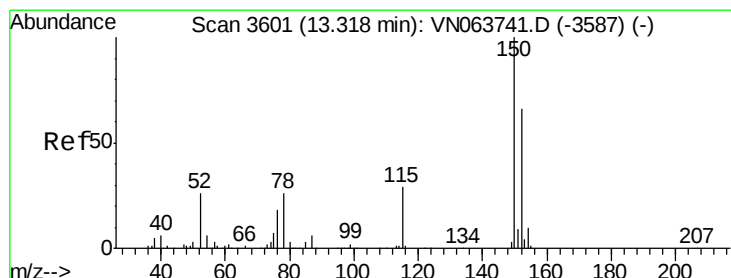
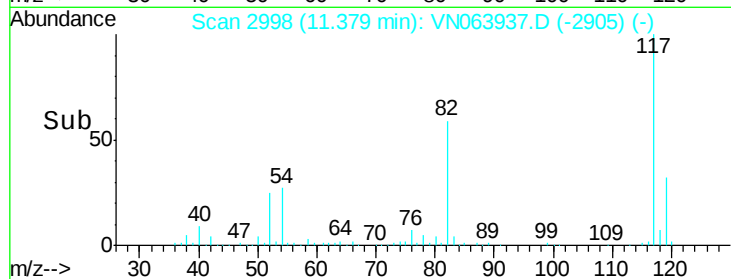
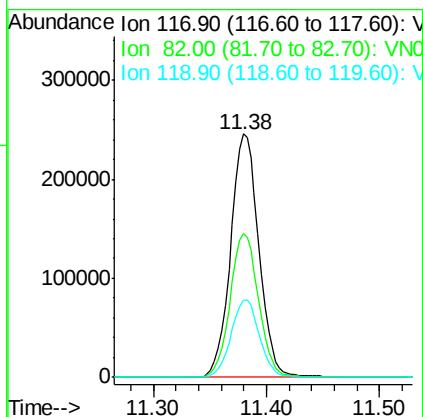
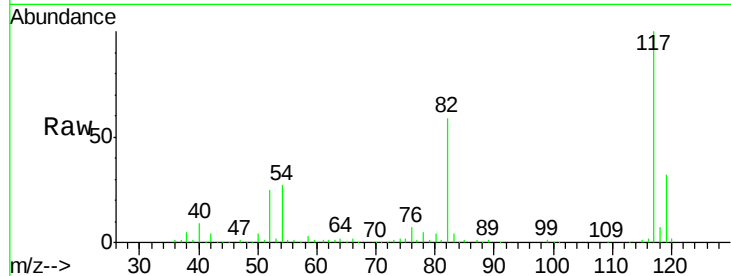




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. 0.00 min
Lab File: VN063937.D
Acq: 7 Oct 2020 12:08

Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6

Tot Ion:117 Resp: 427143
Ion Ratio Lower Upper
117 100
82 59.2 47.4 71.2
119 31.7 26.4 39.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3601
Delta R.T. 0.00 min
Lab File: VN063937.D
Acq: 7 Oct 2020 12:08

Tgt Ion:152 Resp: 164710
Ion Ratio Lower Upper
152 100
115 62.6 31.3 93.8
150 155.0 0.0 341.8

