

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN092719\
 Data File : VN058407.D
 Acq On : 27 Sep 2019 15:02
 Operator : JC/SP
 Sample : K5087-01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 12 Sample Multiplier: 1

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

Quant Time: Sep 30 08:16:39 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N092719W.M
 Quant Title : SW846 8260
 QLast Update : Mon Sep 30 08:07:38 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	457595	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	733865	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	619070	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	238534	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.01	65	314502	47.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.06%	
35) Dibromofluoromethane	7.57	113	221907	49.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.68%	
50) Toluene-d8	10.09	98	899454	51.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.10%	
62) 4-Bromofluorobenzene	12.41	95	284025	44.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.16%	

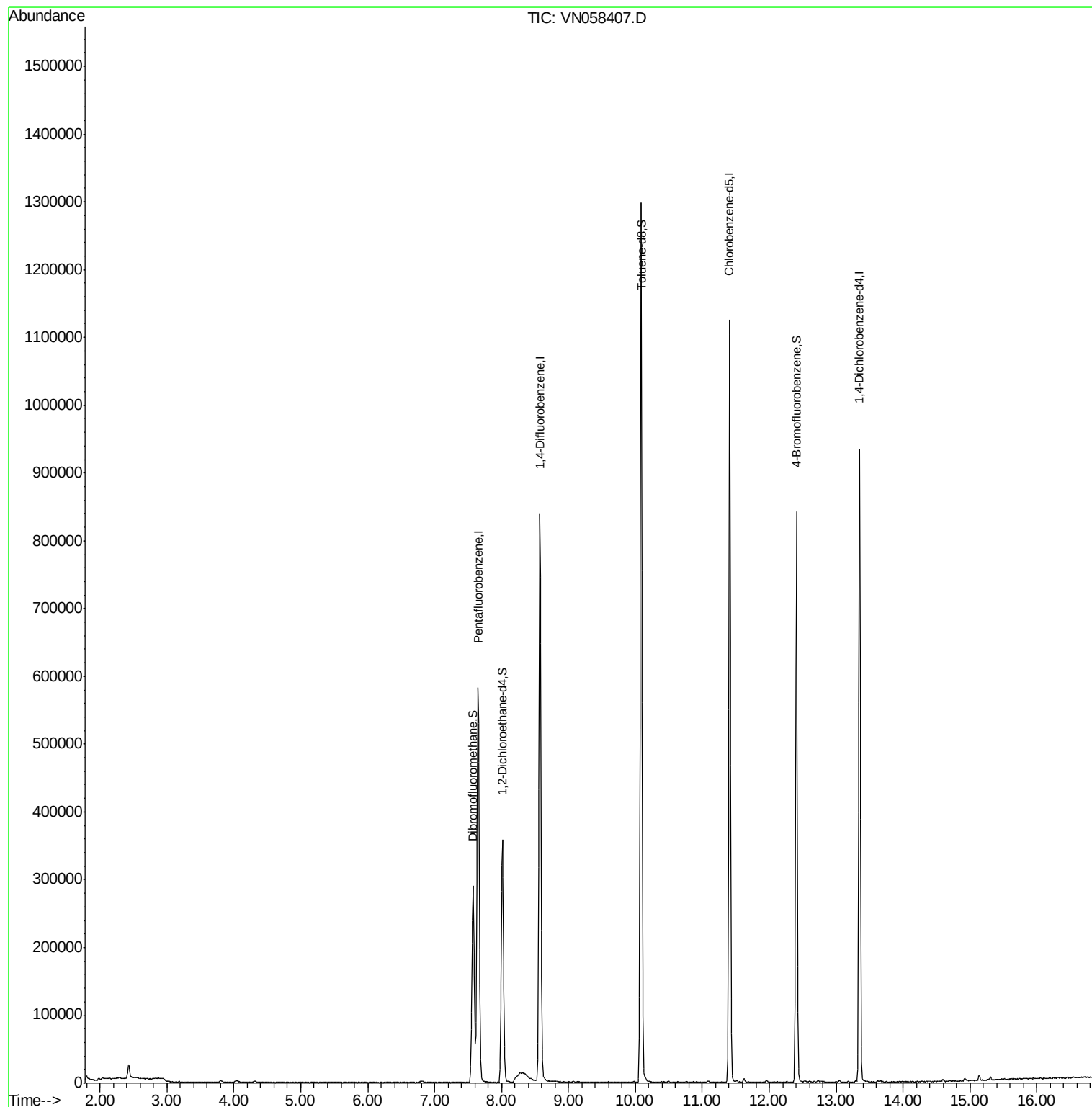
Target Compounds	Qvalue

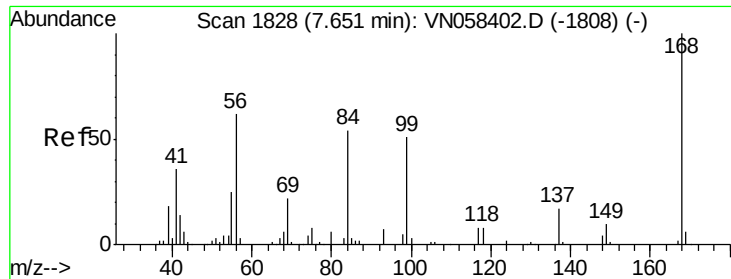
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.65 min Scan# 1828

Delta R.T. 0.00 min

Lab File: VN058407.D

Acq: 27 Sep 2019 15:02

Instrument :

MSVOA_N

ClientSampleId :

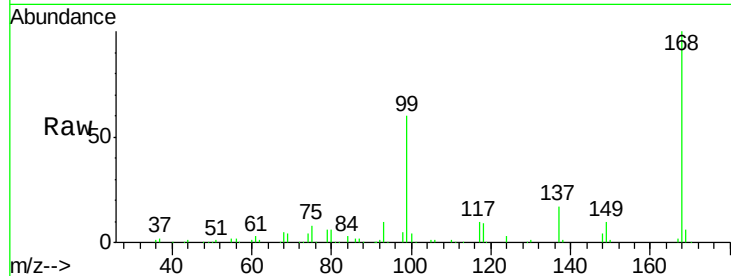
STORAGE-BLANK-SOIL-REF-6

Tot Ion:168 Resp: 457595

Ion Ratio Lower Upper

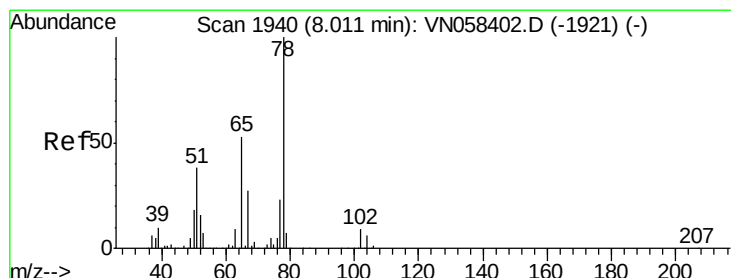
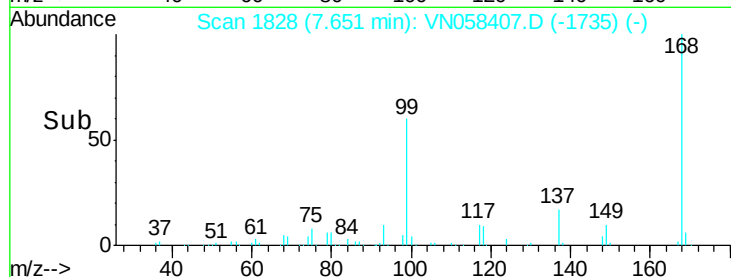
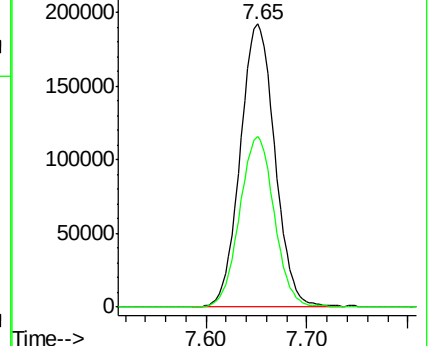
168 100

99 60.2 47.7 71.5



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: 47.032 ug/l

RT: 8.01 min Scan# 1940

Delta R.T. 0.00 min

Lab File: VN058407.D

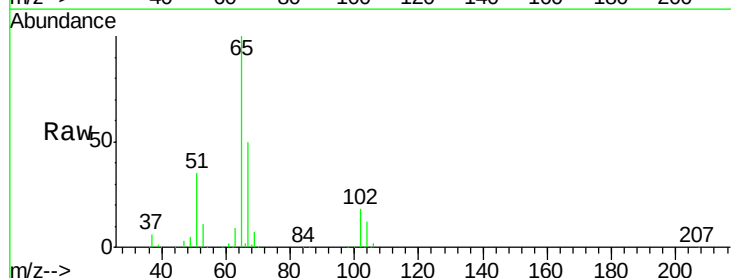
Acq: 27 Sep 2019 15:02

Tgt Ion: 65 Resp: 314502

Ion Ratio Lower Upper

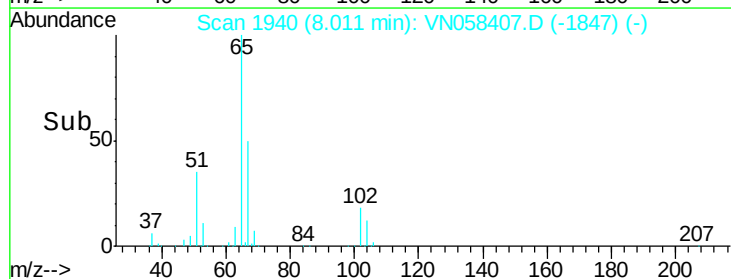
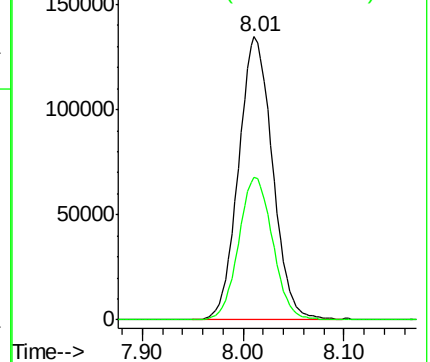
65 100

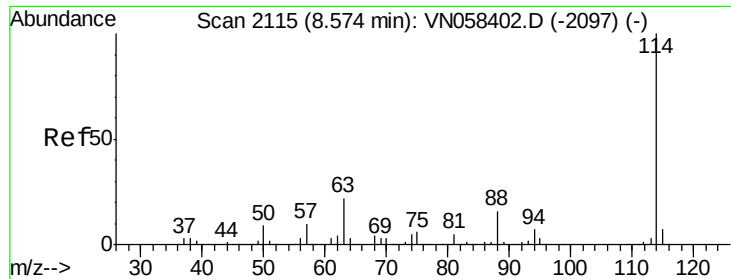
67 50.5 0.0 102.4



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0

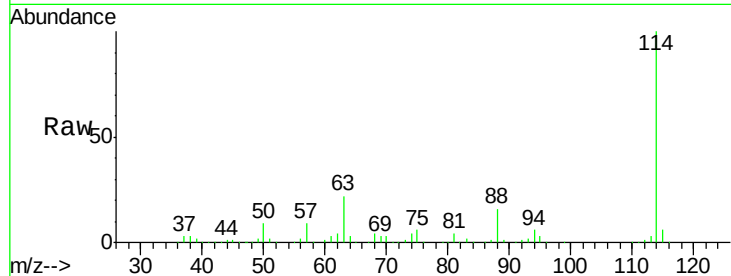




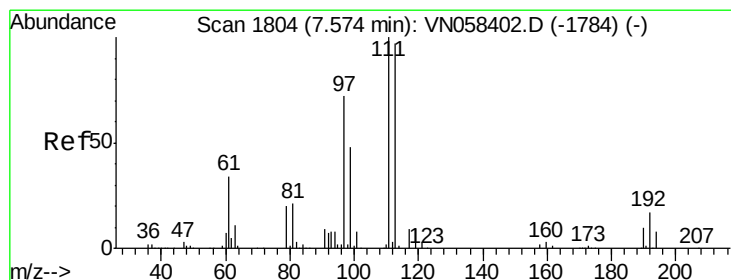
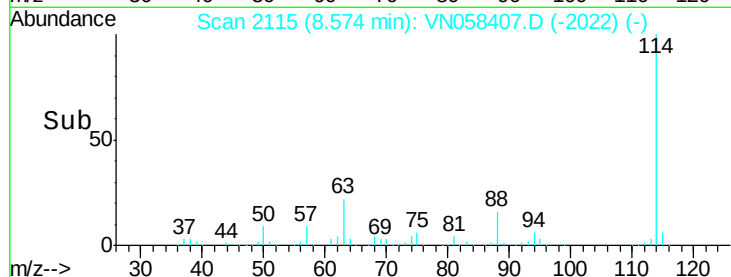
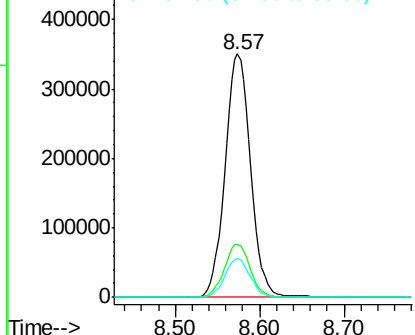
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2115
 Delta R.T. 0.00 min
 Lab File: VN058407.D
 Acq: 27 Sep 2019 15:02

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

Tot Ion	Ratio	Lower	Upper
114	100		
63	21.9	0.0	45.0
88	16.1	0.0	32.2

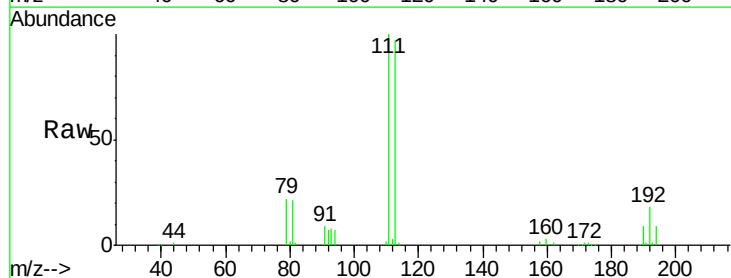


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): V
 Ion 87.90 (87.60 to 88.60): V

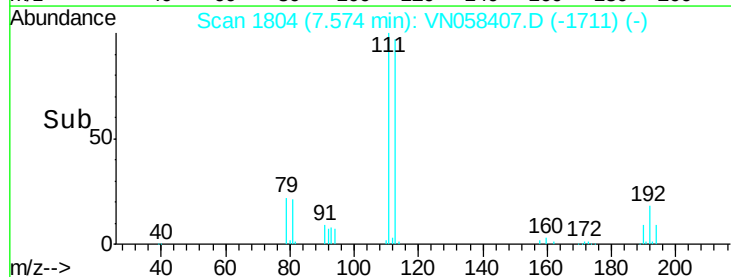
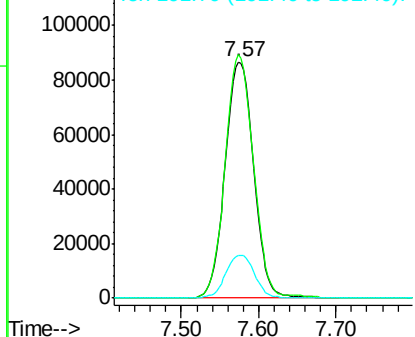


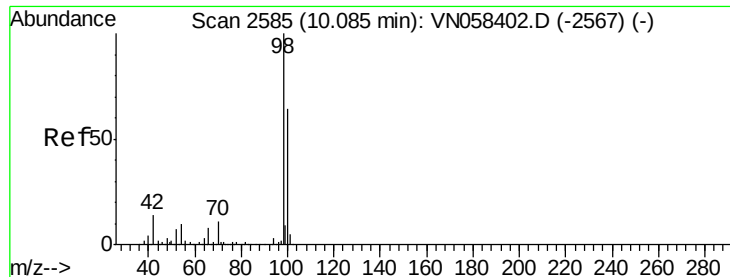
#35
 Dibromofluoromethane
 Concen: 49.337 ug/l
 RT: 7.57 min Scan# 1804
 Delta R.T. 0.00 min
 Lab File: VN058407.D
 Acq: 27 Sep 2019 15:02

Tgt Ion	Ratio	Lower	Upper
113	100		
111	101.1	83.4	125.2
192	18.2	14.9	22.3



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





#50

Toluene-d8

Concen: 51.048 ug/l

RT: 10.09 min Scan# 2585

Delta R.T. 0.00 min

Lab File: VN058407.D

Acq: 27 Sep 2019 15:02

Instrument :

MSVOA_N

ClientSampleId :

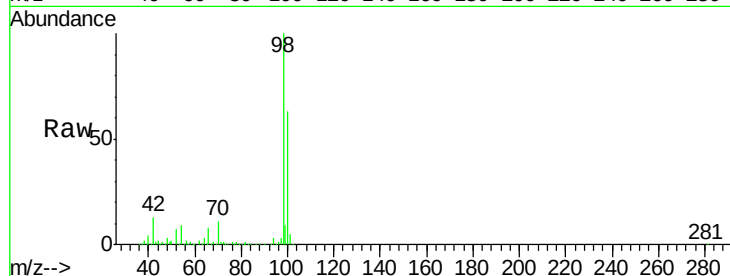
STORAGE-BLANK-SOIL-REF-6

Tot Ion: 98 Resp: 899454

Ion Ratio Lower Upper

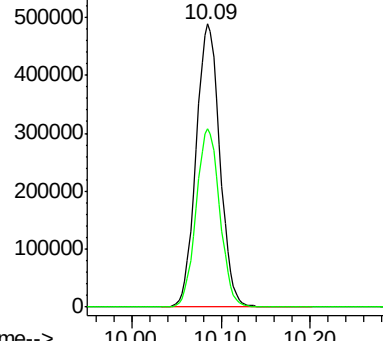
98 100

100 63.0 51.0 76.6

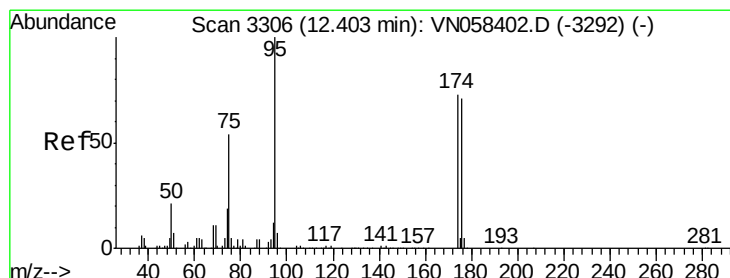
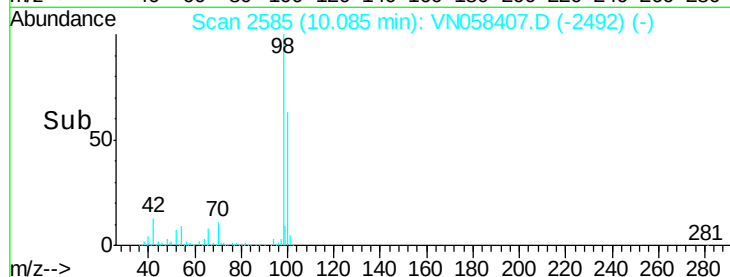


Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN



Time-->



#62

4-Bromofluorobenzene

Concen: 44.581 ug/l

RT: 12.41 min Scan# 3307

Delta R.T. 0.00 min

Lab File: VN058407.D

Acq: 27 Sep 2019 15:02

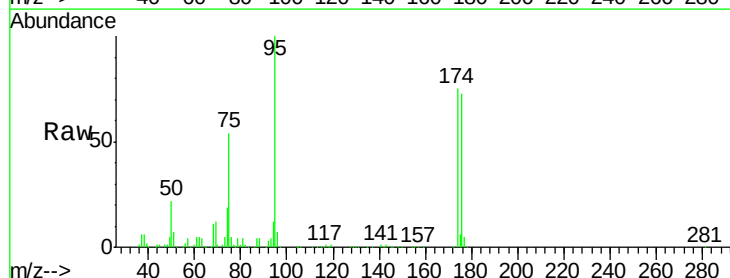
Tgt Ion: 95 Resp: 284025

Ion Ratio Lower Upper

95 100

174 75.5 0.0 150.6

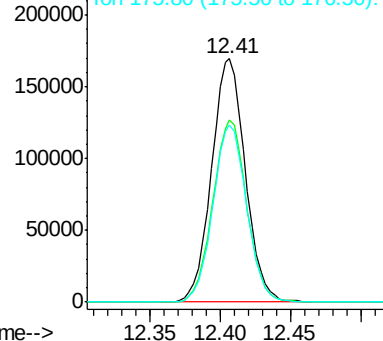
176 72.9 0.0 146.2



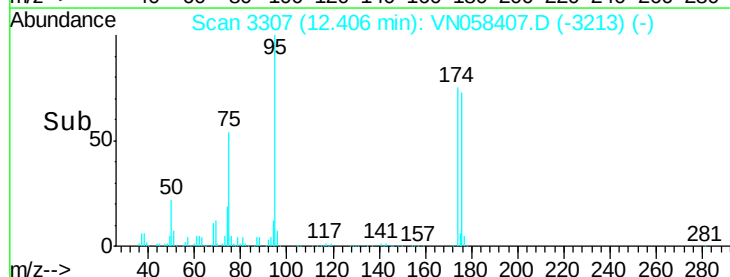
Abundance Ion 94.90 (94.60 to 95.60): VN0

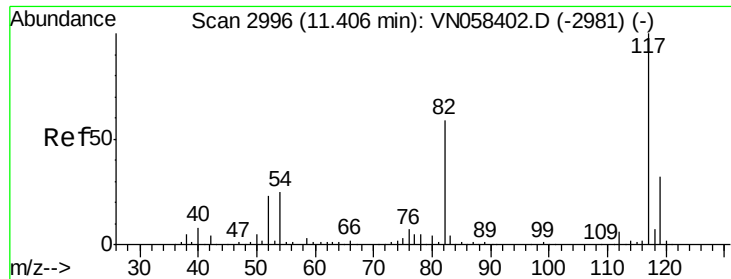
Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V



Time-->

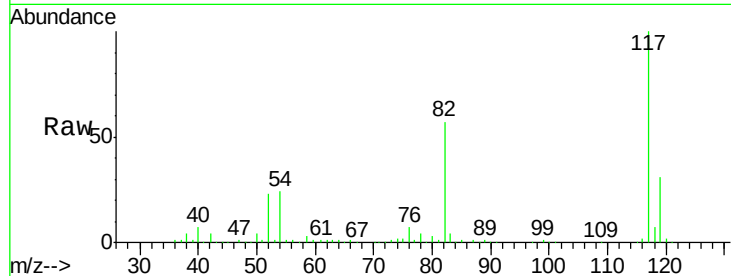




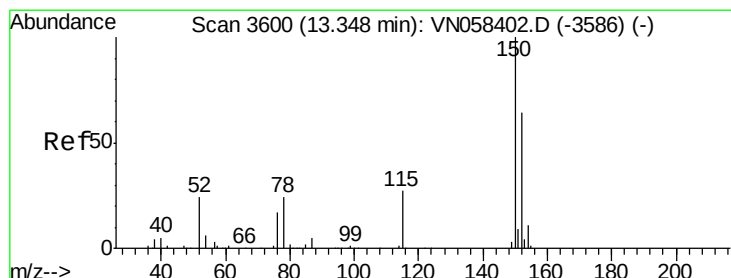
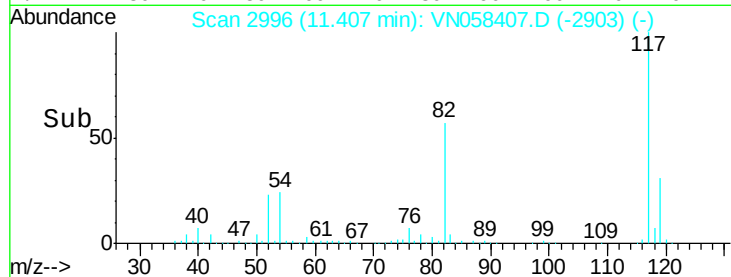
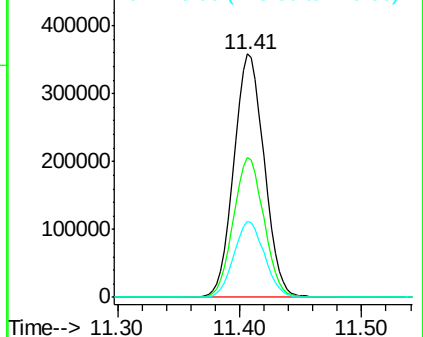
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN058407.D
Acq: 27 Sep 2019 15:02

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

Tot Ion:117 Resp: 619070
Ion Ratio Lower Upper
117 100
82 57.4 47.4 71.0
119 31.1 25.5 38.3

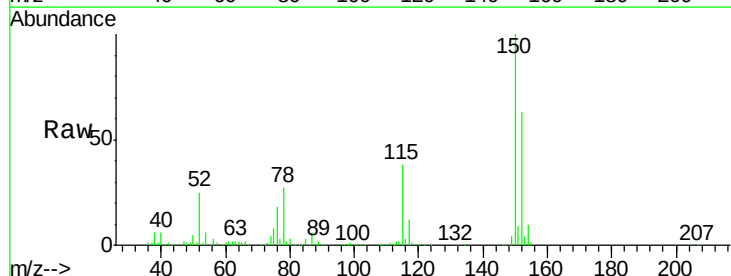


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3601
Delta R.T. 0.00 min
Lab File: VN058407.D
Acq: 27 Sep 2019 15:02

Tgt Ion:152 Resp: 238534
Ion Ratio Lower Upper
152 100
115 60.3 30.0 90.0
150 159.6 0.0 348.2



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

