

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN111119\
 Data File : VN059149.D
 Acq On : 11 Nov 2019 10:50
 Operator : JC/SP
 Sample : K5775-01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 7 Sample Multiplier: 1

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

Quant Time: Nov 12 01:18:05 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N110619W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 07 04:00:41 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	497677	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	767427	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	657856	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	224124	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.00	65	309030	50.51	ug/l	0.00
Spiked Amount						
			Recovery	=	101.02%	
35) Dibromofluoromethane	7.57	113	234006	51.07	ug/l	0.00
Spiked Amount						
			Recovery	=	102.14%	
50) Toluene-d8	10.08	98	922260	51.10	ug/l	0.00
Spiked Amount						
			Recovery	=	102.20%	
62) 4-Bromofluorobenzene	12.40	95	286733	44.06	ug/l	0.00
Spiked Amount						
			Recovery	=	88.12%	

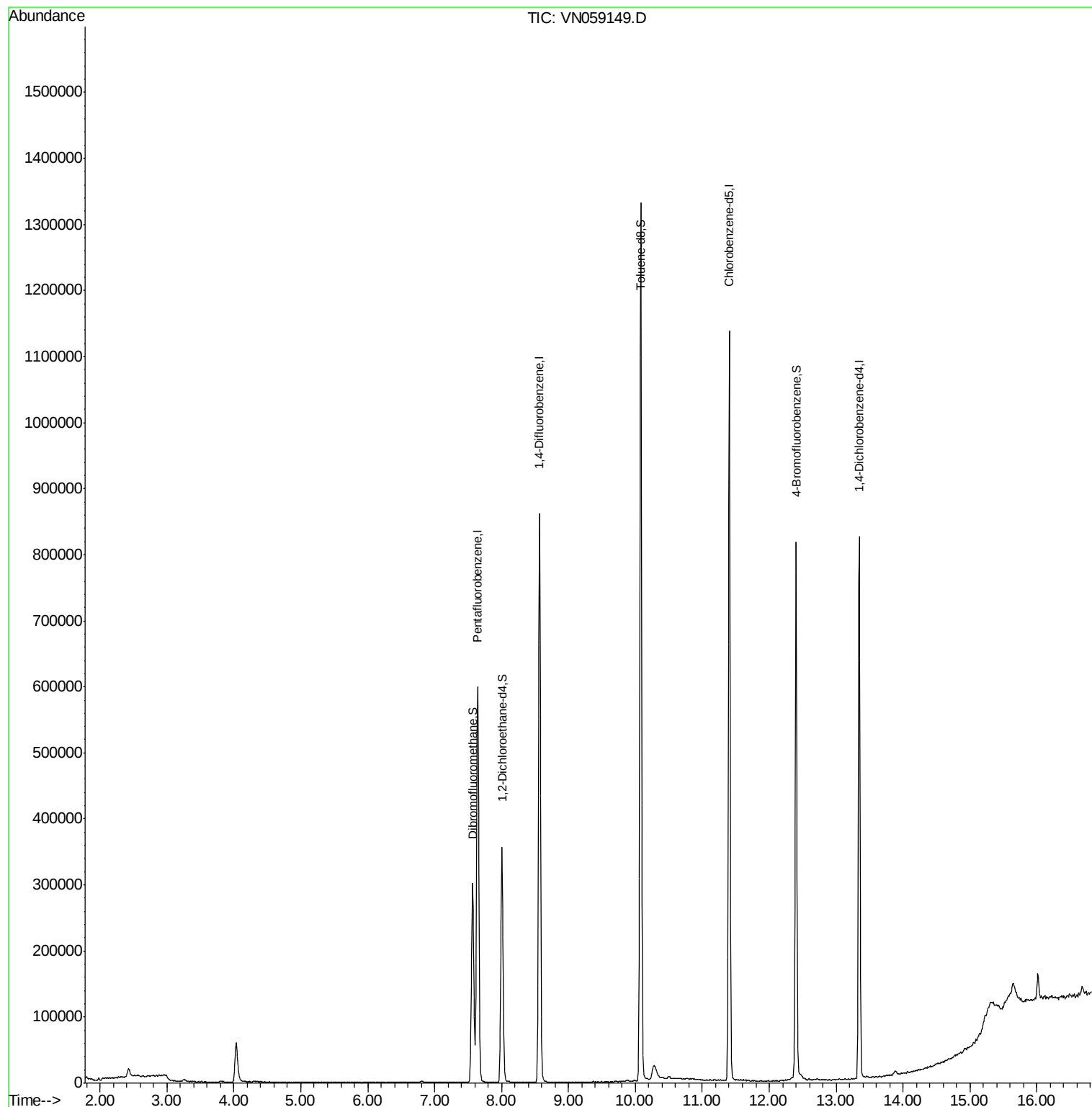
Target Compounds	Qvalue

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

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QLast Update : Thu Nov 07 04:00:41 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1826

Delta R.T. -0.00 min

Lab File: VN059149.D

Acq: 11 Nov 2019 10:50

Instrument :

MSVOA_N

ClientSampleId :

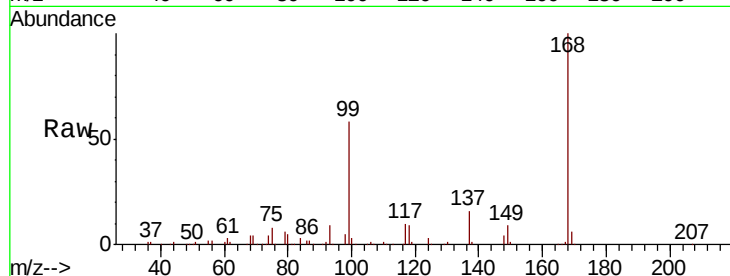
STORAGE-BLANK-SOIL-REF-6

Tot Ion:168 Resp: 497677

Ion Ratio Lower Upper

168 100

99 57.8 45.7 68.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.64

200000

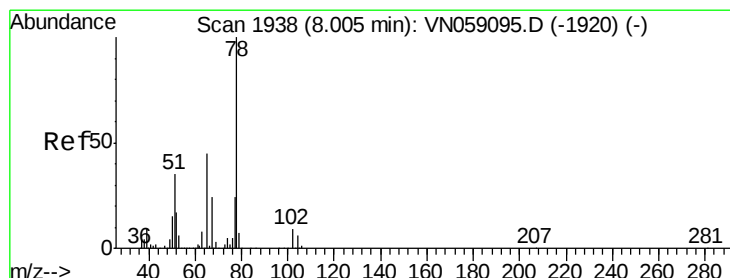
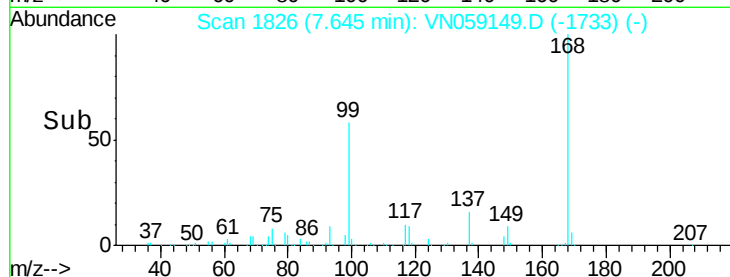
150000

100000

50000

0

Time--> 7.50 7.60 7.70



#33

1,2-Dichloroethane-d4

Concen: 50.514 ug/l

RT: 8.00 min Scan# 1938

Delta R.T. -0.00 min

Lab File: VN059149.D

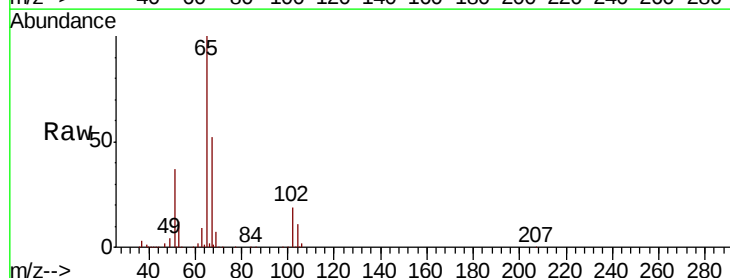
Acq: 11 Nov 2019 10:50

Tgt Ion: 65 Resp: 309030

Ion Ratio Lower Upper

65 100

67 52.5 0.0 107.4



Abundance Ion 64.90 (64.60 to 65.60): VN

Ion 66.90 (66.60 to 67.60): VN

8.00

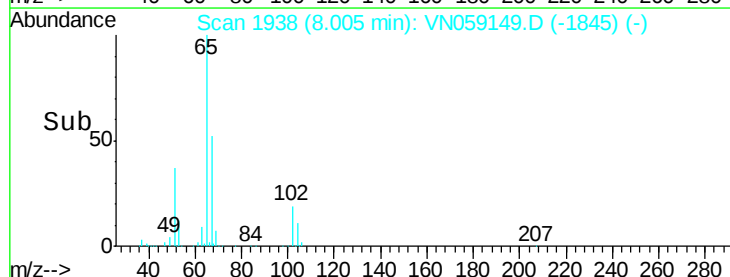
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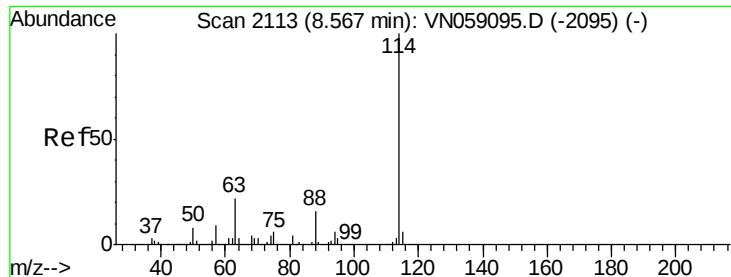
100000

50000

0

Time--> 7.90 8.00 8.10

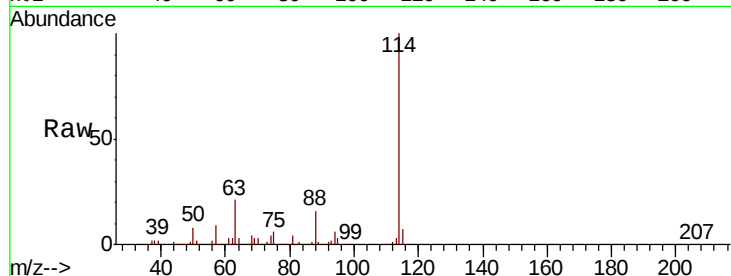




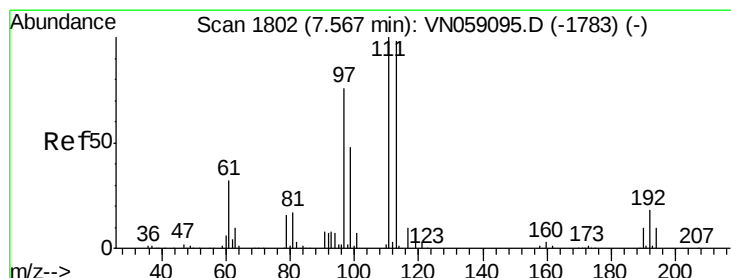
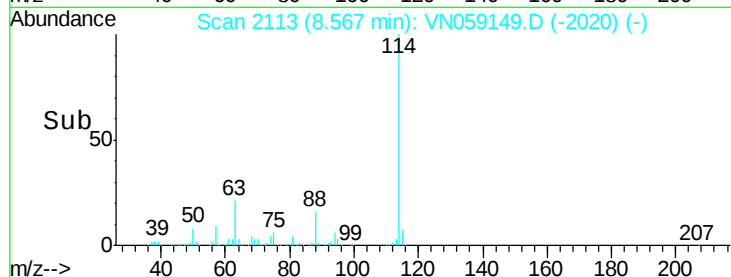
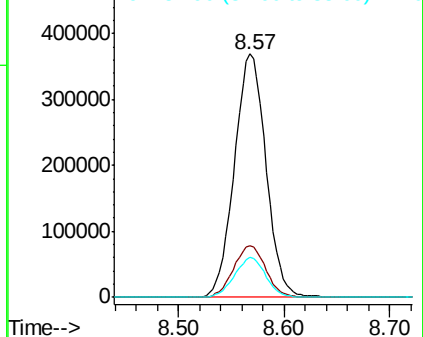
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2113
 Delta R.T. -0.00 min
 Lab File: VN059149.D
 Acq: 11 Nov 2019 10:50

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

Tot Ion	Ratio	Lower	Upper
114	100		
63	21.4	0.0	43.4
88	16.5	0.0	32.2

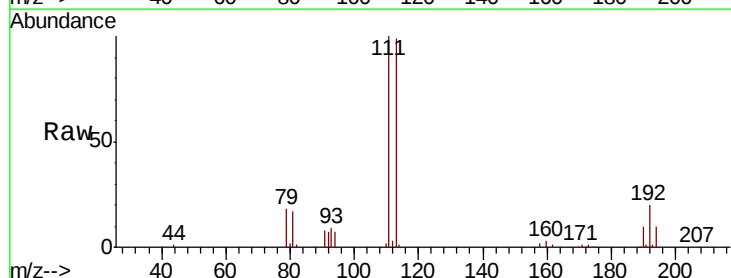


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

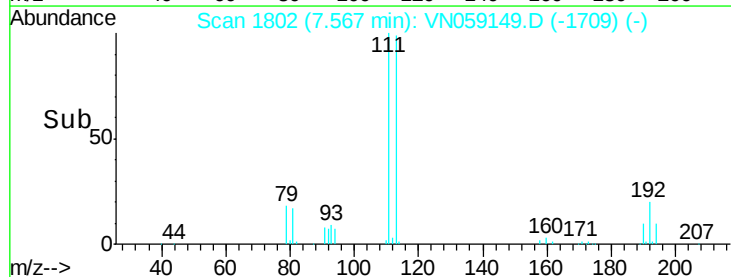
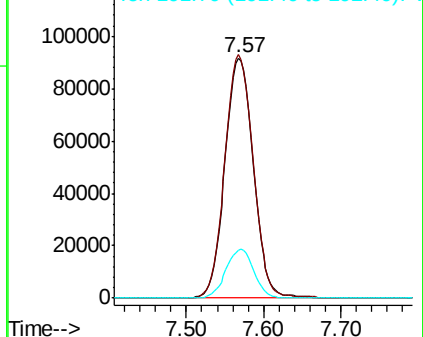


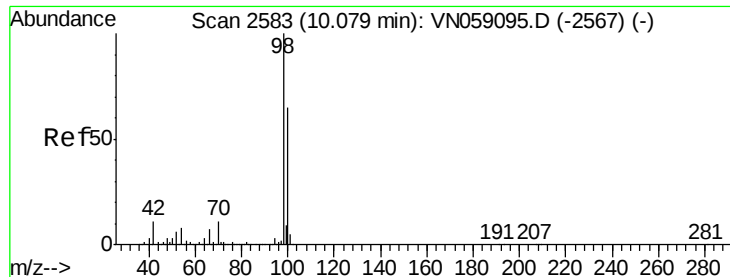
#35
 Dibromofluoromethane
 Concen: 51.068 ug/l
 RT: 7.57 min Scan# 1802
 Delta R.T. -0.00 min
 Lab File: VN059149.D
 Acq: 11 Nov 2019 10:50

Tgt Ion	Ratio	Lower	Upper
113	100		
111	100.8	82.8	124.2
192	19.9	16.1	24.1



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: 51.097 ug/l

RT: 10.08 min Scan# 2583

Delta R.T. -0.00 min

Lab File: VN059149.D

Acq: 11 Nov 2019 10:50

Instrument :

MSVOA_N

ClientSampleId :

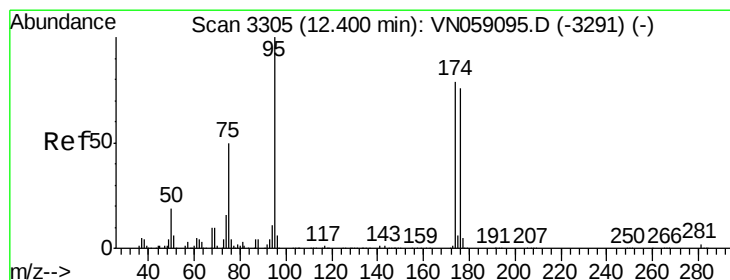
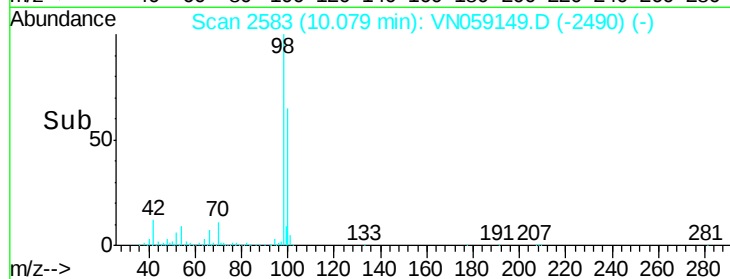
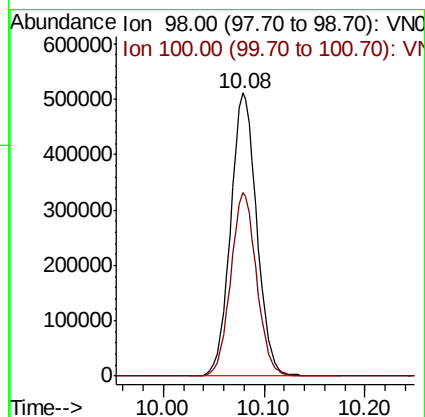
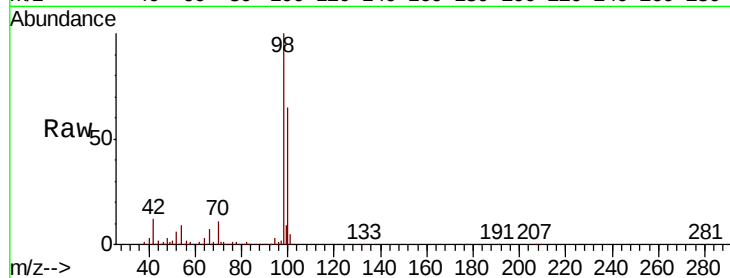
STORAGE-BLANK-SOIL-REF-6

Tot Ion: 98 Resp: 922260

Ion Ratio Lower Upper

98 100

100 64.2 52.2 78.2



#62

4-Bromofluorobenzene

Concen: 44.059 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN059149.D

Acq: 11 Nov 2019 10:50

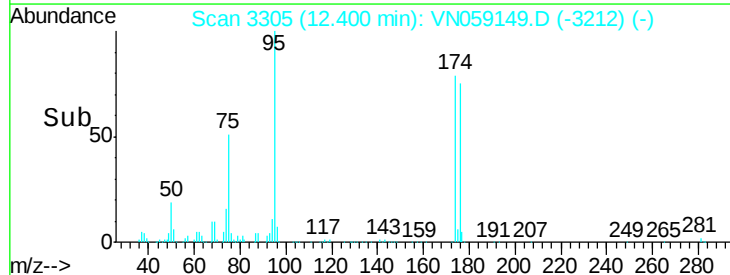
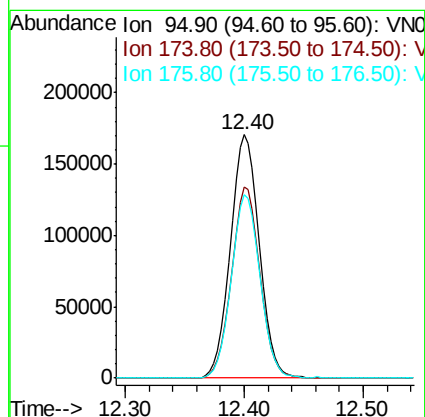
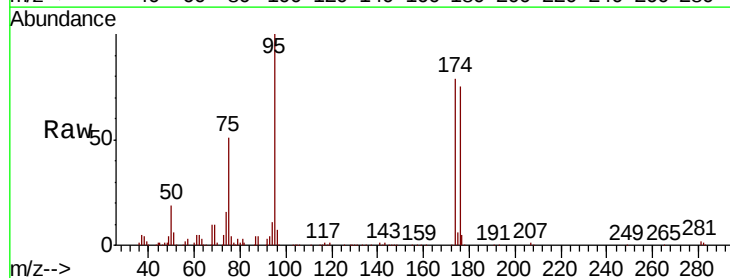
Tgt Ion: 95 Resp: 286733

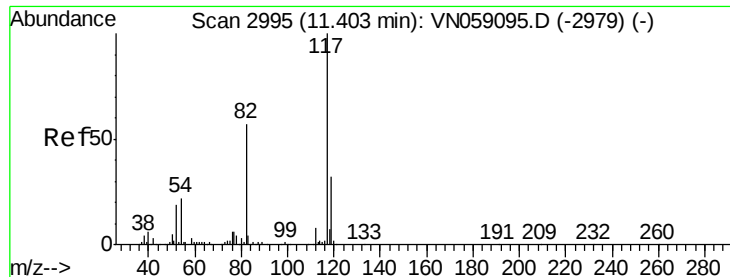
Ion Ratio Lower Upper

95 100

174 77.3 0.0 158.2

176 75.0 0.0 151.8

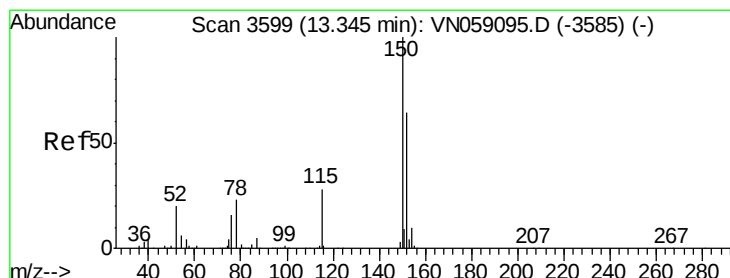
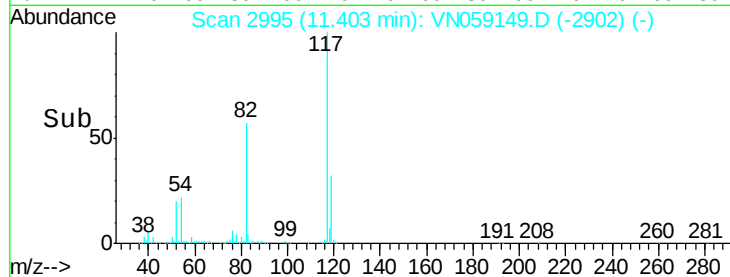
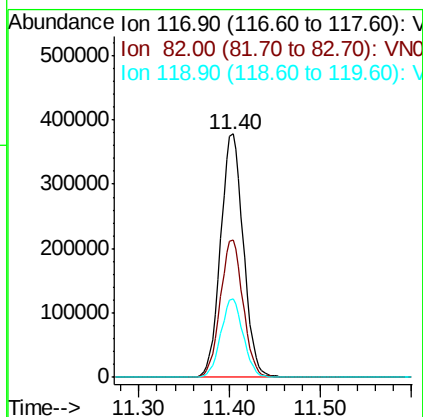
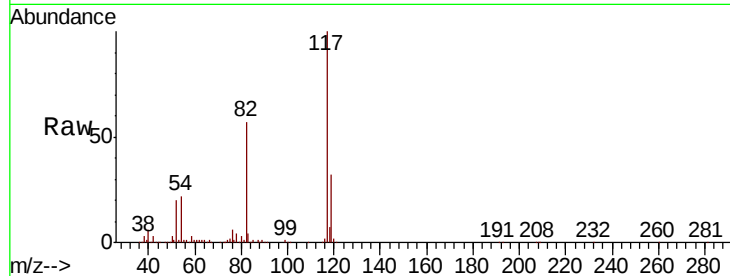




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2995
Delta R.T. -0.00 min
Lab File: VN059149.D
Acq: 11 Nov 2019 10:50

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

Tot Ion:117 Resp: 657856
Ion Ratio Lower Upper
117 100
82 56.6 45.8 68.8
119 32.2 25.8 38.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3599
Delta R.T. -0.00 min
Lab File: VN059149.D
Acq: 11 Nov 2019 10:50

Tgt Ion:152 Resp: 224124
Ion Ratio Lower Upper
152 100
115 60.1 29.4 88.2
150 158.7 0.0 345.8

