

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091019\
 Data File : VN057810.D
 Acq On : 9 Sep 2019 19:07
 Operator : JC/SP
 Sample : K4751-01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 14 Sample Multiplier: 1

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

Quant Time: Sep 14 01:39:15 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	303805	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	501453	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	447034	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	226225	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.01	65	326368	53.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.08%	
35) Dibromofluoromethane	7.58	113	223262	48.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.48%	
50) Toluene-d8	10.09	98	906117	50.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.86%	
62) 4-Bromofluorobenzene	12.40	95	290222	42.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	84.76%	

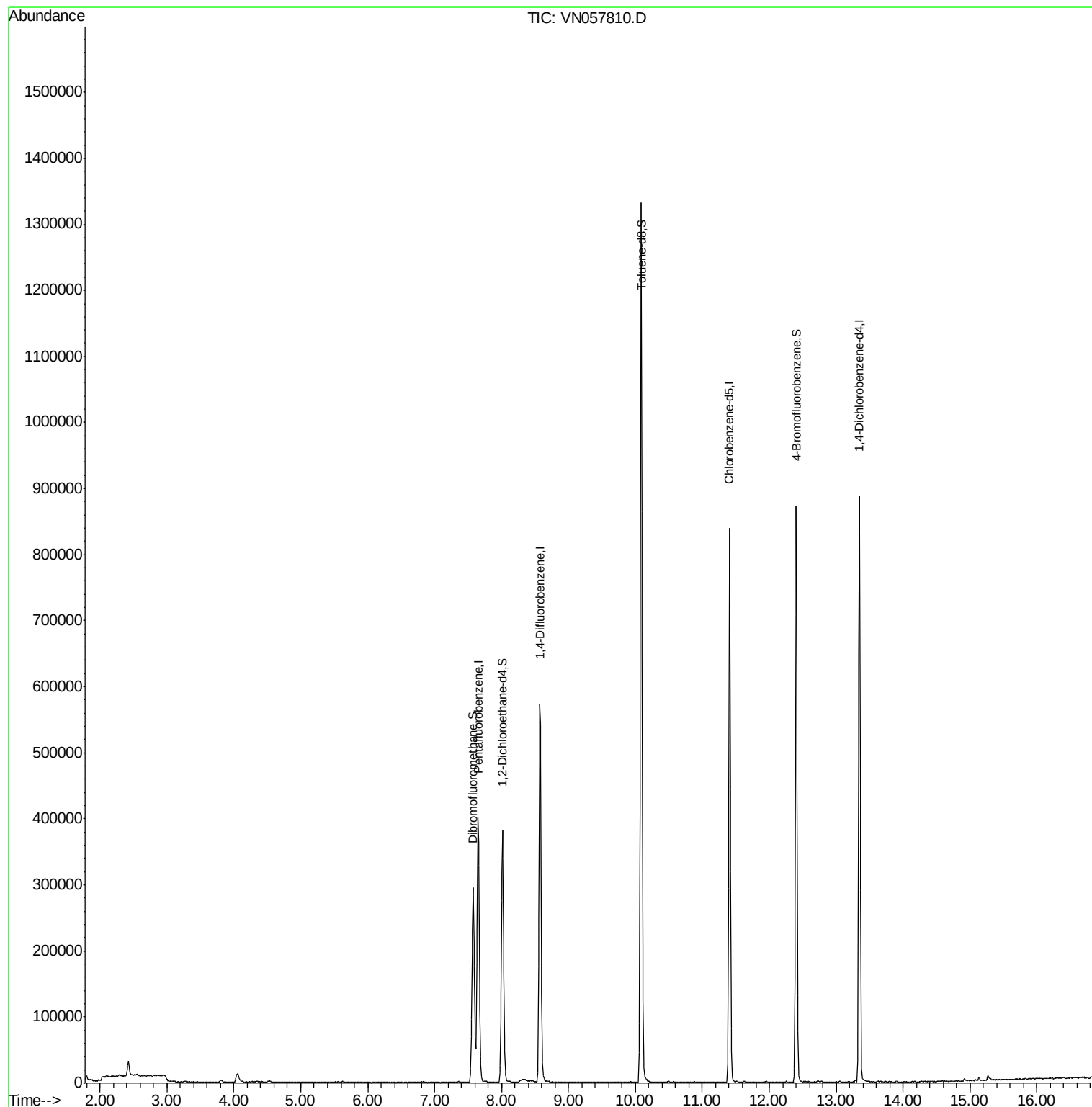
Target Compounds	Qvalue

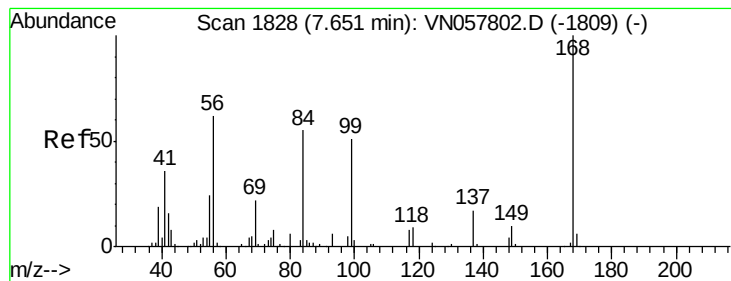
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN057810.D

Acq: 9 Sep 2019 19:07

Instrument :

MSVOA_N

ClientSampleId :

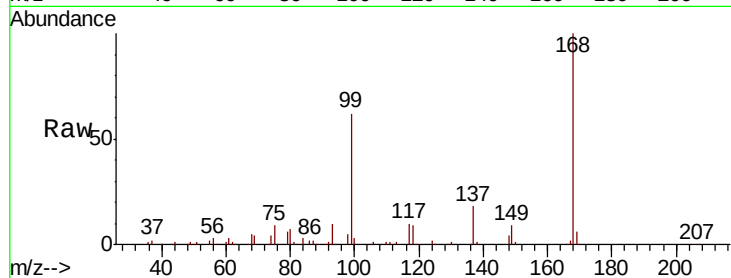
STORAGE-BLANK-SOIL-REF-6

Tgt Ion: 168 Resp: 303805

Ion Ratio Lower Upper

168 100

99 62.2 48.0 72.0



Abundance Ion 167.90 (167.60 to 168.60): VN057802.D (-1809) (-)

Ion 98.90 (98.60 to 99.60): VN057802.D (-1809) (-)

7.65

150000

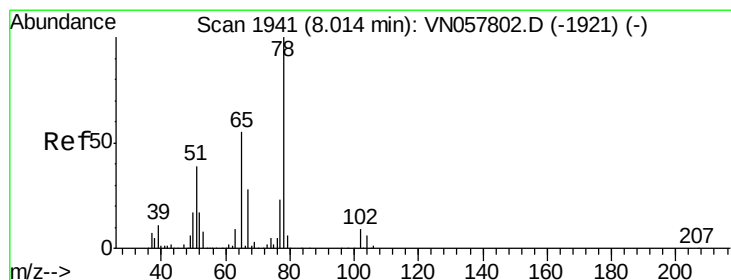
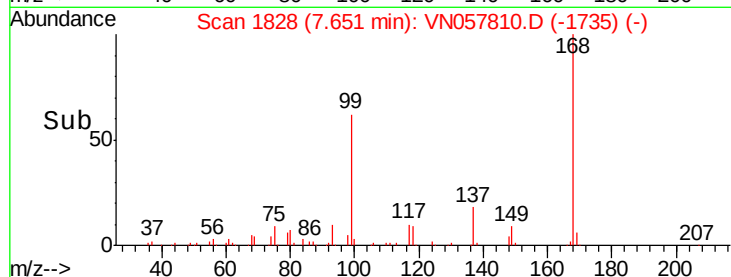
100000

50000

0

7.60 7.70

Time-->



#33

1,2-Dichloroethane-d4

Concen: 53.039 ug/l

RT: 8.01 min Scan# 1941

Delta R.T. 0.00 min

Lab File: VN057810.D

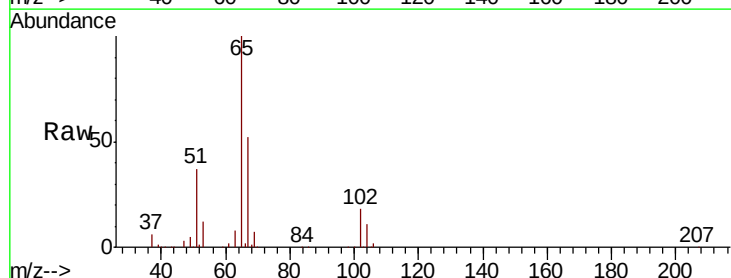
Acq: 9 Sep 2019 19:07

Tgt Ion: 65 Resp: 326368

Ion Ratio Lower Upper

65 100

67 51.4 0.0 104.0



Abundance Ion 64.90 (64.60 to 65.60): VN057802.D (-1921) (-)

Ion 66.90 (66.60 to 67.60): VN057802.D (-1921) (-)

8.01

150000

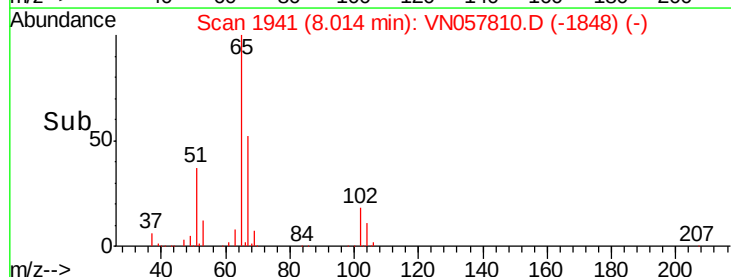
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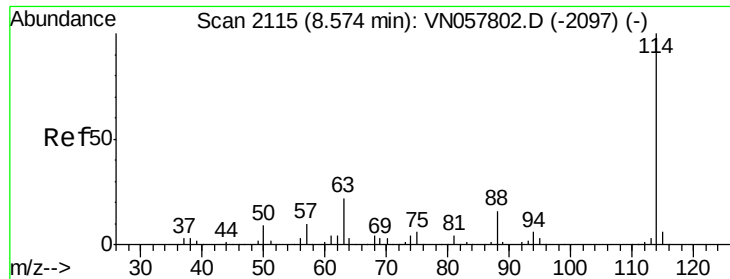
50000

0

7.90 8.10

Time-->

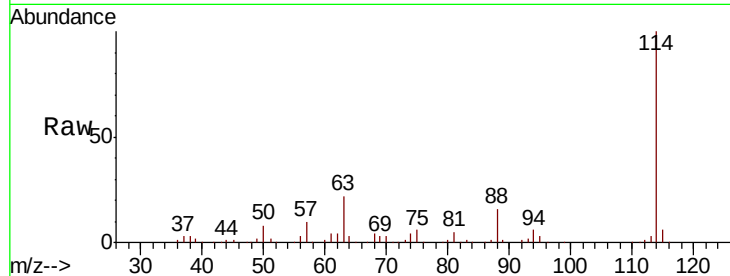




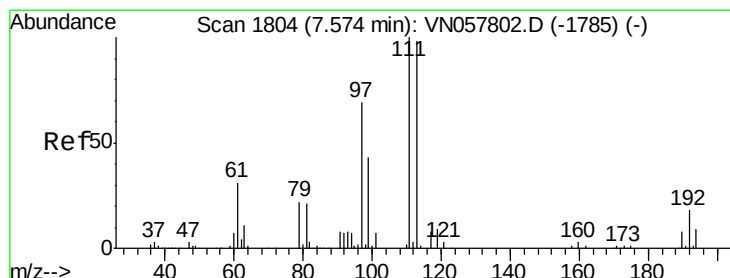
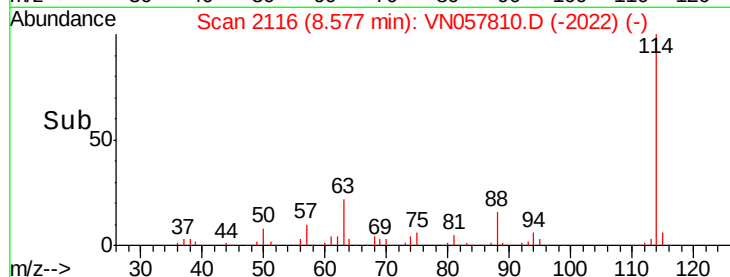
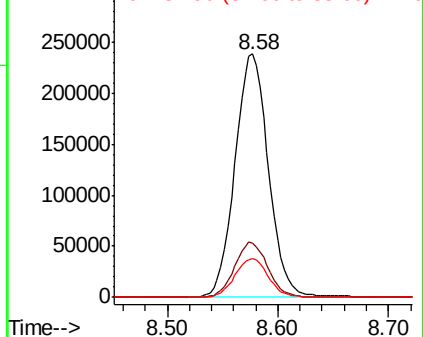
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.58 min Scan# 2116
Delta R.T. 0.00 min
Lab File: VN057810.D
Acq: 9 Sep 2019 19:07

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

Tgt Ion:114 Resp: 501453
Ion Ratio Lower Upper
114 100
63 22.2 0.0 44.0
88 15.8 0.0 31.4

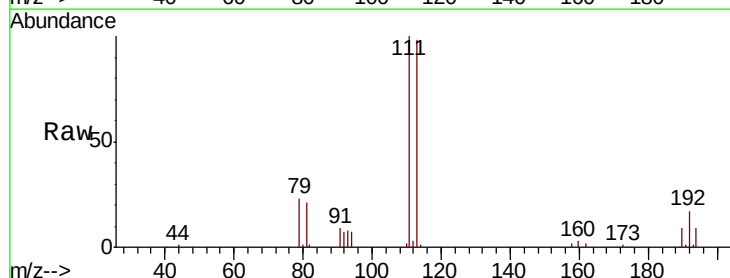


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VN
Ion 87.90 (87.60 to 88.60): VN

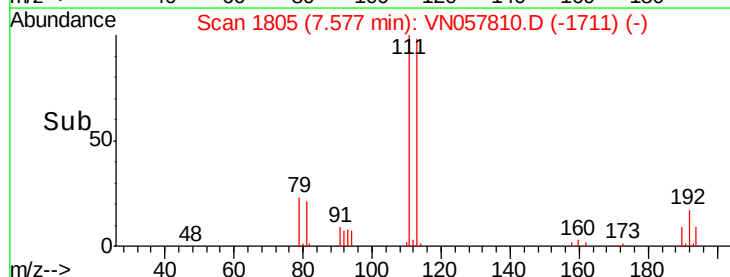
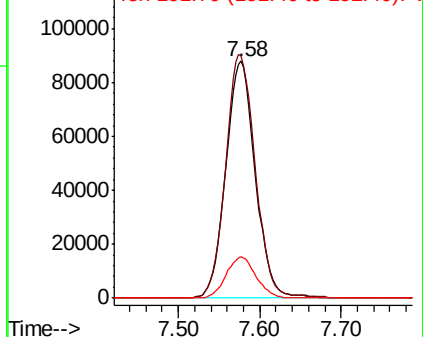


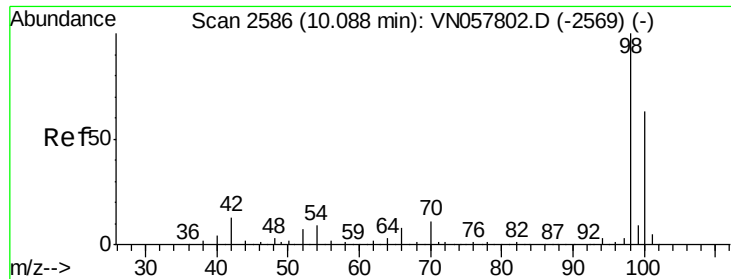
#35
Dibromofluoromethane
Concen: 48.239 ug/l
RT: 7.58 min Scan# 1805
Delta R.T. 0.00 min
Lab File: VN057810.D
Acq: 9 Sep 2019 19:07

Tgt Ion:113 Resp: 223262
Ion Ratio Lower Upper
113 100
111 103.6 81.3 121.9
192 17.7 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: 50.426 ug/l

RT: 10.09 min Scan# 2585

Delta R.T. -0.00 min

Lab File: VN057810.D

Acq: 9 Sep 2019 19:07

Instrument :

MSVOA_N

ClientSampleId :

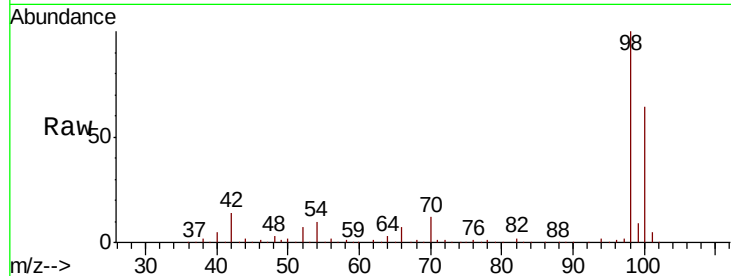
STORAGE-BLANK-SOIL-REF-6

Tgt Ion: 98 Resp: 906117

Ion Ratio Lower Upper

98 100

100 64.2 50.3 75.5



Abundance Ion 98.00 (97.70 to 98.70): VN057802.D (-2569) (-)

Ion 100.00 (99.70 to 100.70): VN057810.D (-2493) (-)

10.09

500000

400000

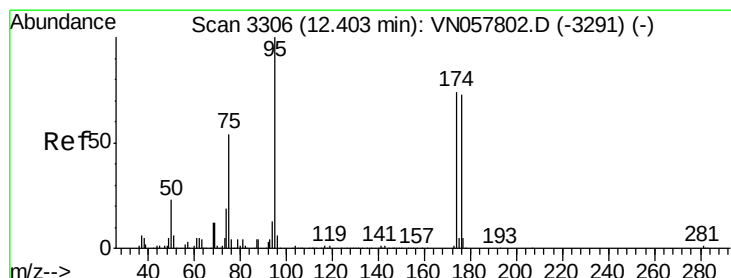
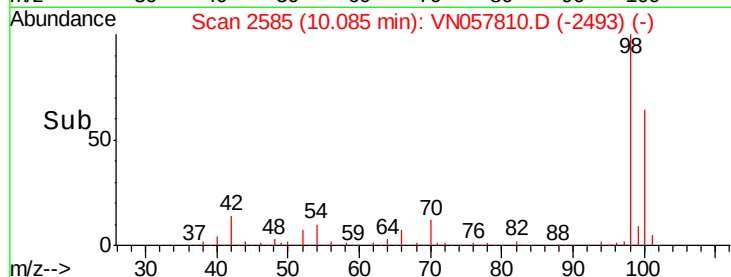
300000

200000

100000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 42.381 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN057810.D

Acq: 9 Sep 2019 19:07

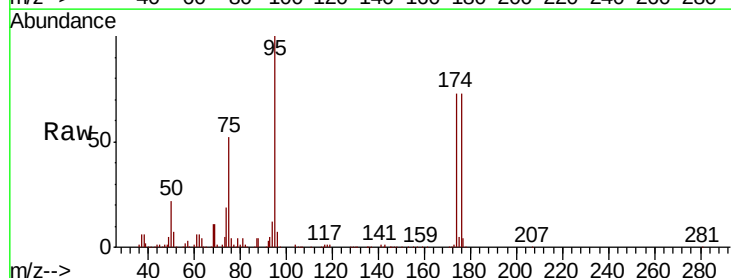
Tgt Ion: 95 Resp: 290222

Ion Ratio Lower Upper

95 100

174 74.7 0.0 150.2

176 73.6 0.0 146.0



Abundance Ion 94.90 (94.60 to 95.60): VN057802.D (-3291) (-)

Ion 173.80 (173.50 to 174.50): VN057810.D (-3213) (-)

Ion 175.80 (175.50 to 176.50): VN057810.D (-3213) (-)

12.40

200000

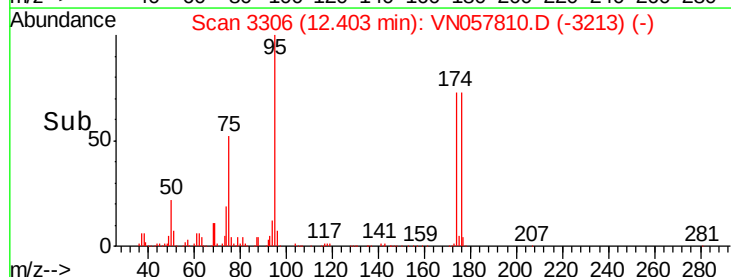
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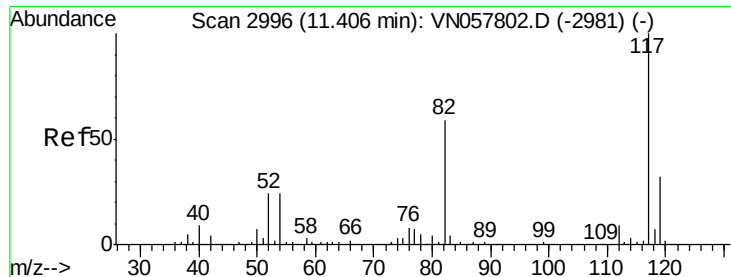
100000

50000

0

Time-->

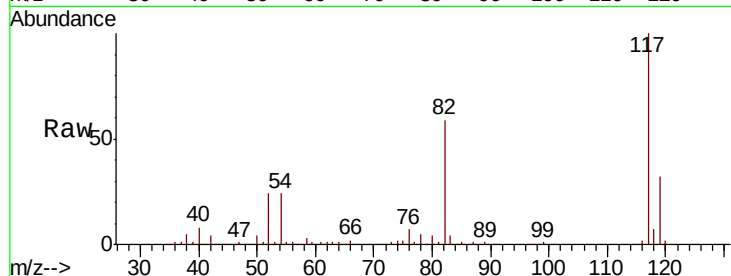




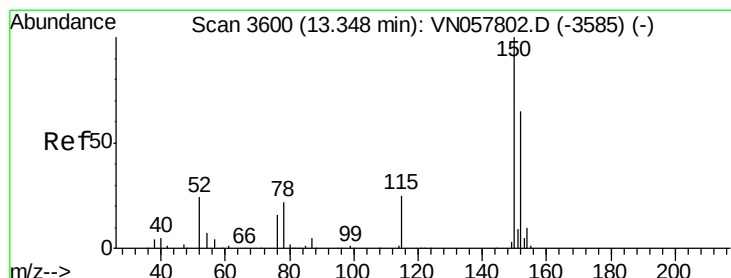
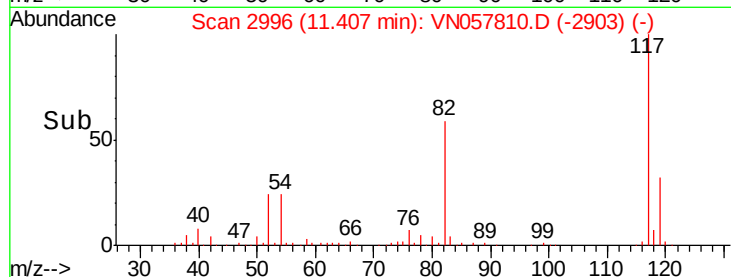
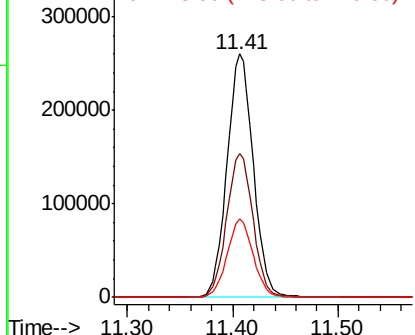
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN057810.D
Acq: 9 Sep 2019 19:07

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

Tgt Ion:117 Resp: 447034
Ion Ratio Lower Upper
117 100
82 59.2 47.2 70.8
119 32.0 25.3 37.9

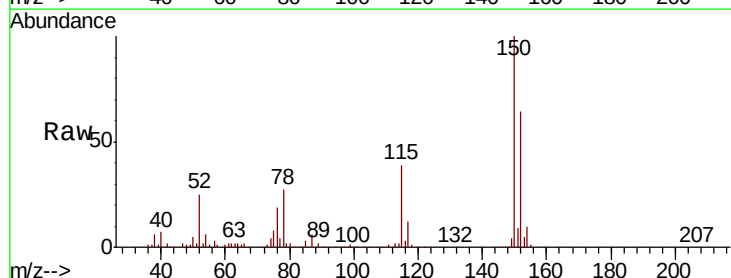


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VN
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3600
Delta R.T. 0.00 min
Lab File: VN057810.D
Acq: 9 Sep 2019 19:07

Tgt Ion:152 Resp: 226225
Ion Ratio Lower Upper
152 100
115 60.8 30.3 91.0
150 158.3 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

