

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN031619\
 Data File : VN054333.D
 Acq On : 16 Mar 2019 13:34
 Operator : JC/SP
 Sample : K1962-01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 4 Sample Multiplier: 1

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

Quant Time: Mar 18 05:31:11 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N031219W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 13 03:33:31 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	1893799	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	2650359	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	2225387	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	807745	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	900721	44.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.56%	
35) Dibromofluoromethane	7.59	113	809100	47.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.66%	
50) Toluene-d8	10.09	98	3055547	48.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.80%	
62) 4-Bromofluorobenzene	12.40	95	915623	41.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	82.90%	

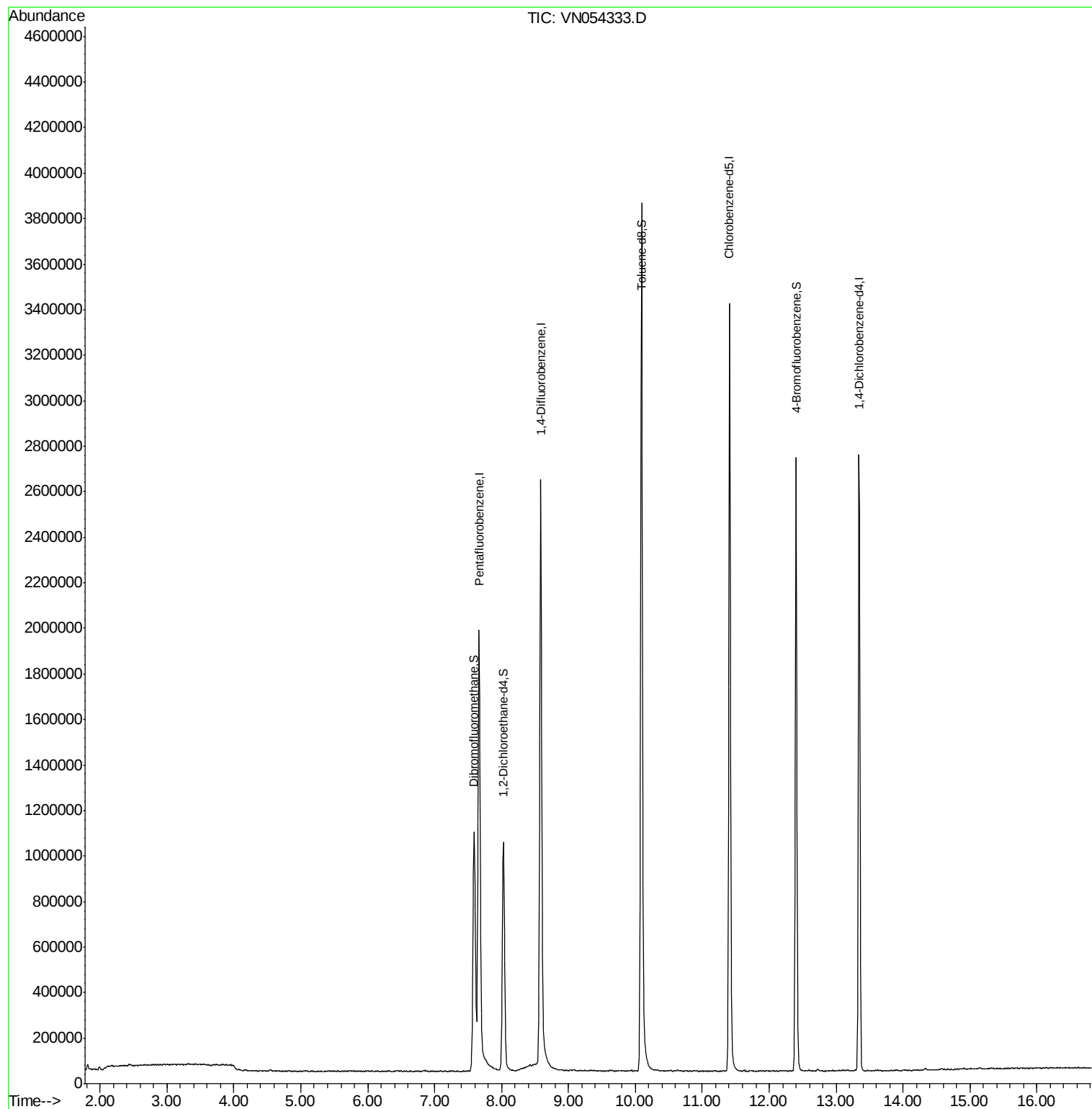
Target Compounds	Qvalue

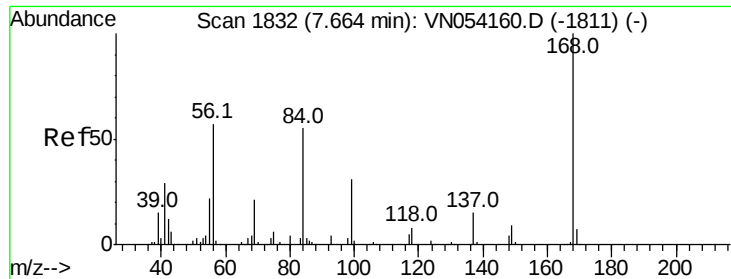
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. 0.00 min

Lab File: VN054333.D

Acq: 16 Mar 2019 13:34

Instrument :

MSVOA_N

ClientSampleId :

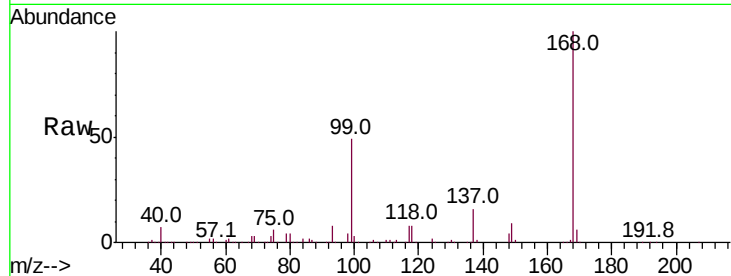
STORAGE-BLANK-SOIL-REF-6

Tot Ion:168 Resp: 1893799

Ion Ratio Lower Upper

168 100

99 48.6 37.1 55.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.66

800000

600000

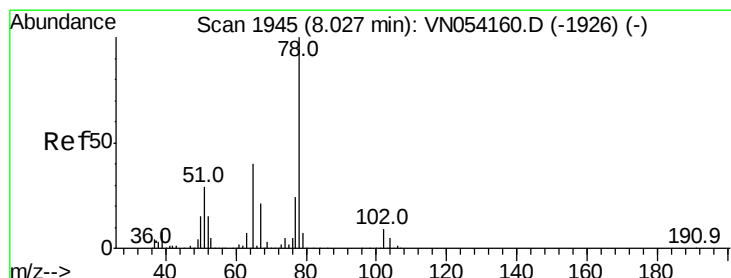
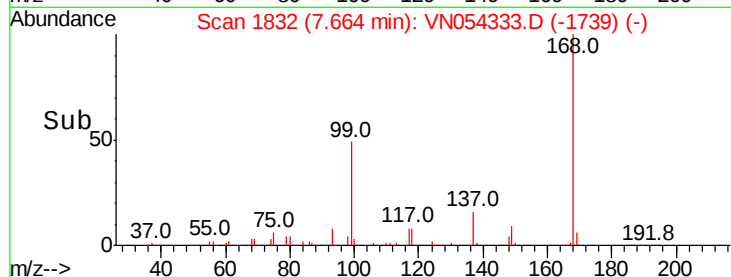
400000

200000

0

7.50 7.60 7.70 7.80 7.90

Time-->



#33

1,2-Dichloroethane-d4

Concen: 44.785 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. 0.00 min

Lab File: VN054333.D

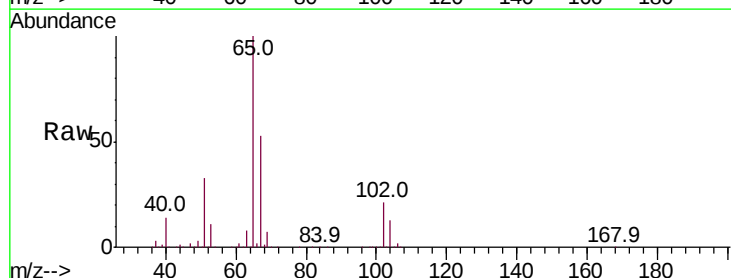
Acq: 16 Mar 2019 13:34

Tgt Ion: 65 Resp: 900721

Ion Ratio Lower Upper

65 100

67 51.6 0.0 104.6



Abundance Ion 64.90 (64.60 to 65.60): VNO

Ion 66.90 (66.60 to 67.60): VNO

8.03

400000

300000

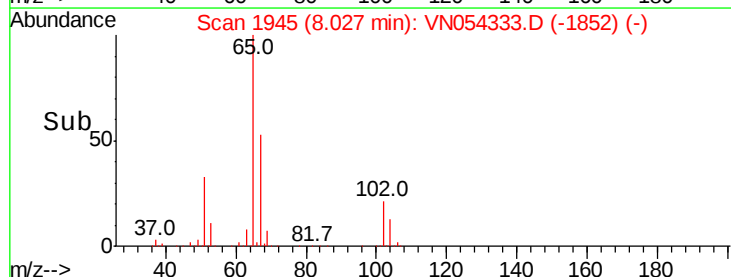
200000

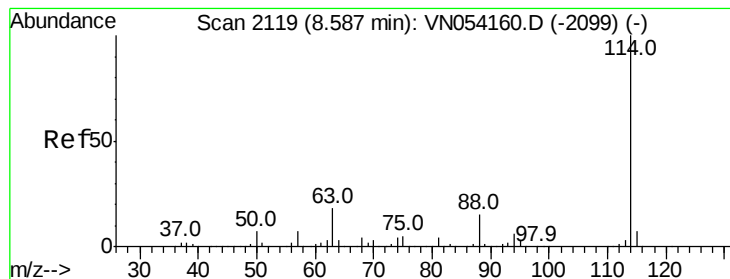
100000

0

7.90 8.00 8.10 8.20

Time-->





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.59 min Scan# 2119

Delta R.T. 0.00 min

Lab File: VN054333.D

Acq: 16 Mar 2019 13:34

Instrument :

MSVOA_N

ClientSampleId :

STORAGE-BLANK-SOIL-REF-6

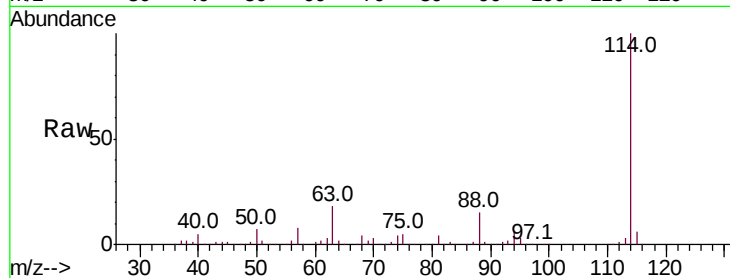
Tot Ion:114 Resp: 2650359

Ion Ratio Lower Upper

114 100

63 18.2 0.0 35.2

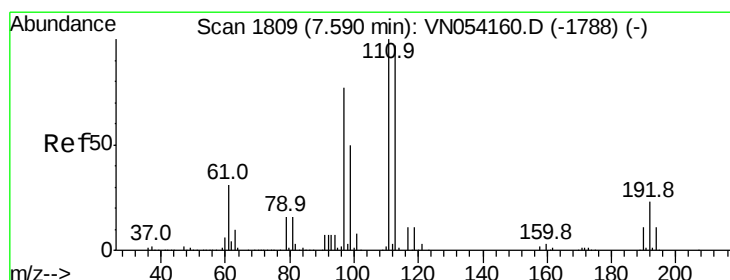
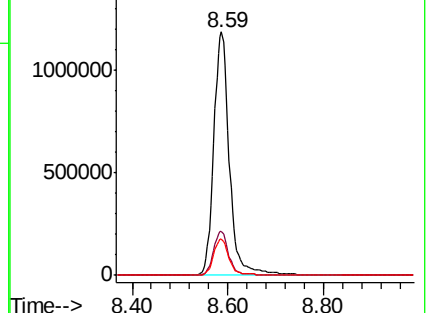
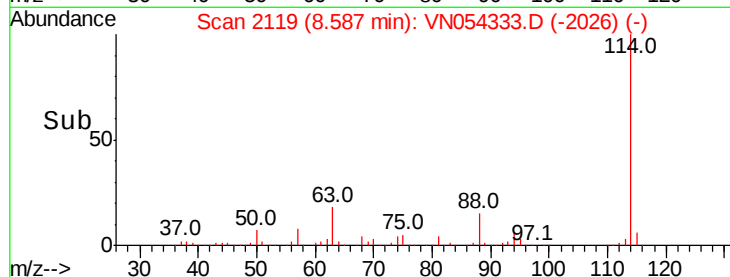
88 14.8 0.0 30.2



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN0

Ion 87.90 (87.60 to 88.60): VN0



#35

Dibromofluoromethane

Concen: 47.333 ug/l

RT: 7.59 min Scan# 1809

Delta R.T. 0.00 min

Lab File: VN054333.D

Acq: 16 Mar 2019 13:34

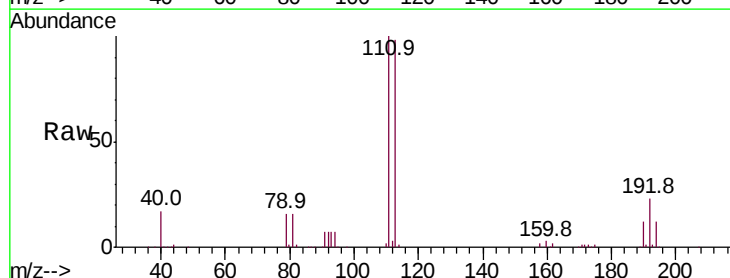
Tgt Ion:113 Resp: 809100

Ion Ratio Lower Upper

113 100

111 102.6 82.2 123.4

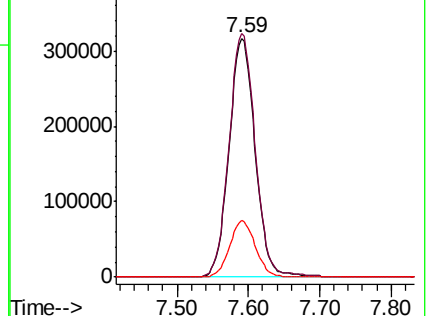
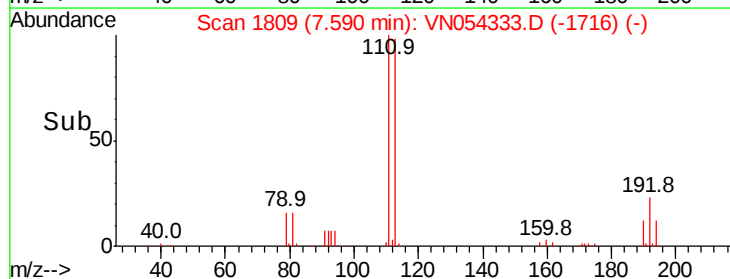
192 23.5 19.2 28.8

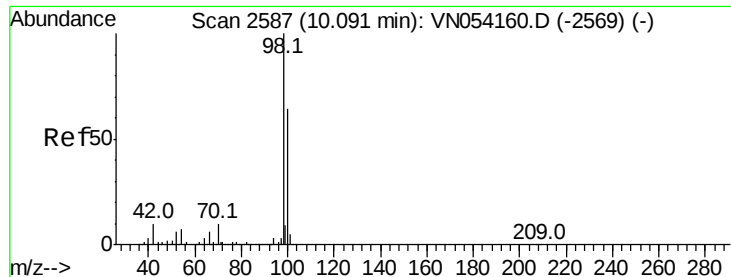


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 48.401 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN054333.D

Acq: 16 Mar 2019 13:34

Instrument :

MSVOA_N

ClientSampleId :

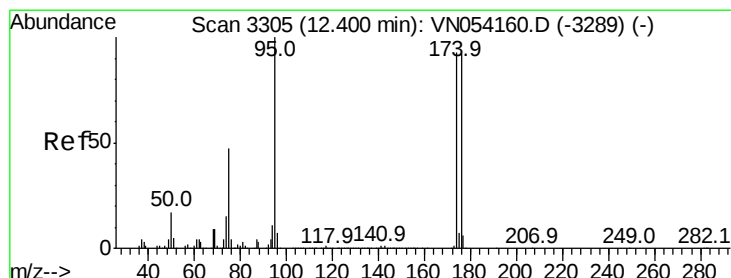
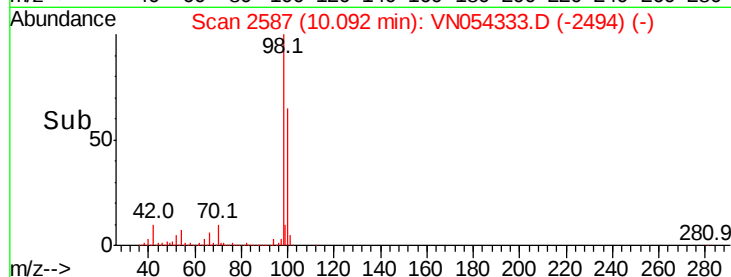
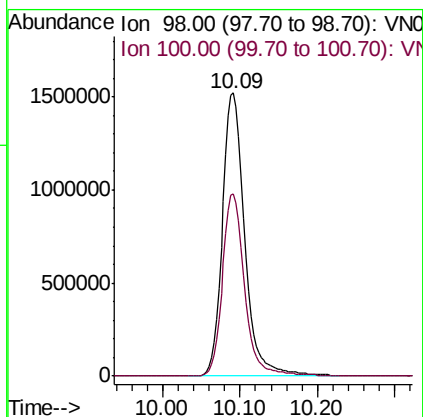
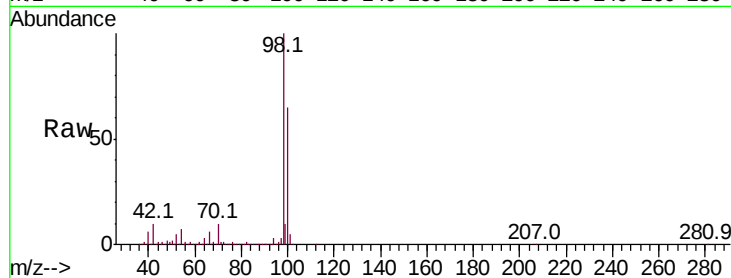
STORAGE-BLANK-SOIL-REF-6

Tot Ion: 98 Resp: 3055547

Ion Ratio Lower Upper

98 100

100 64.1 51.2 76.8



#62

4-Bromofluorobenzene

Concen: 41.451 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN054333.D

Acq: 16 Mar 2019 13:34

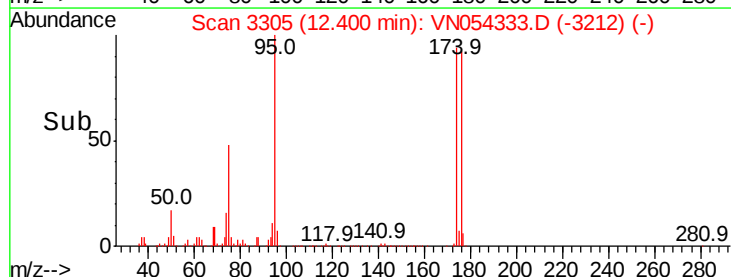
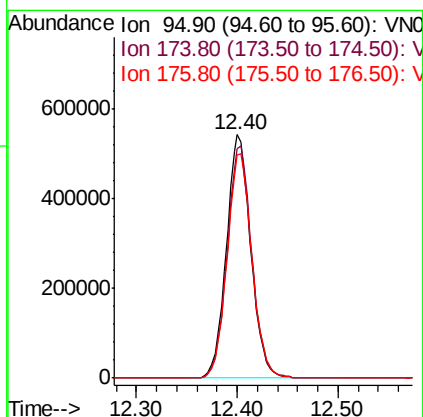
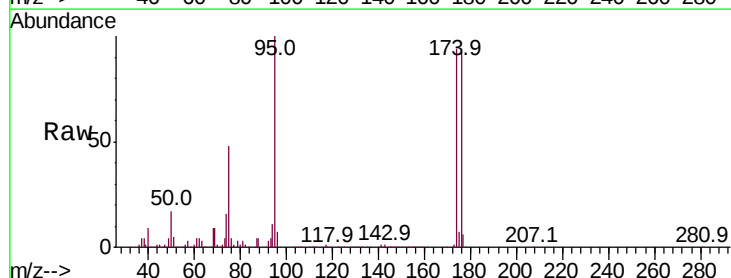
Tgt Ion: 95 Resp: 915623

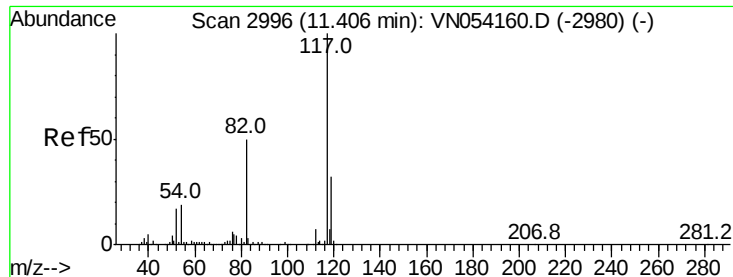
Ion Ratio Lower Upper

95 100

174 96.8 0.0 191.0

176 93.8 0.0 187.4

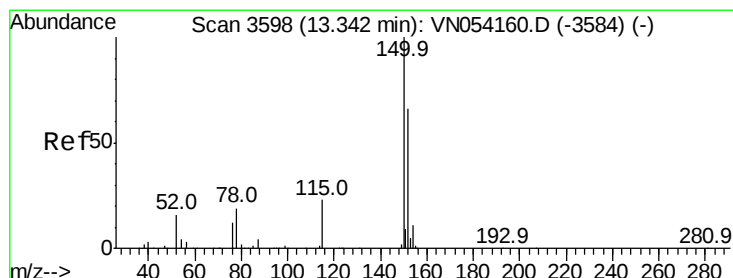
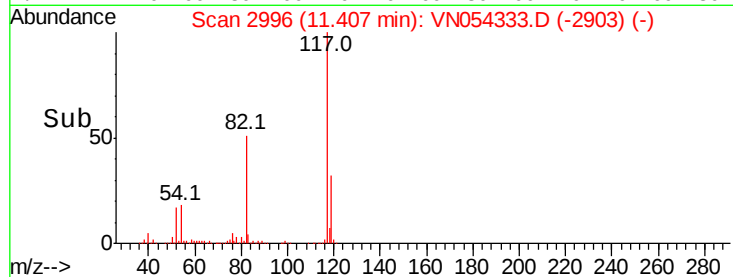
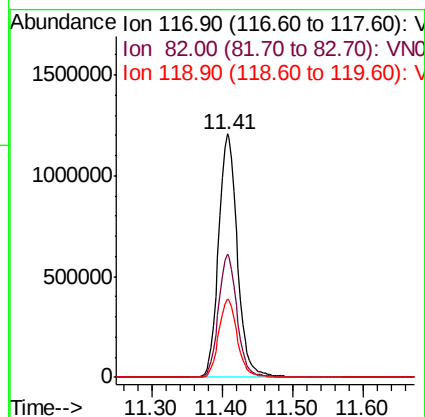
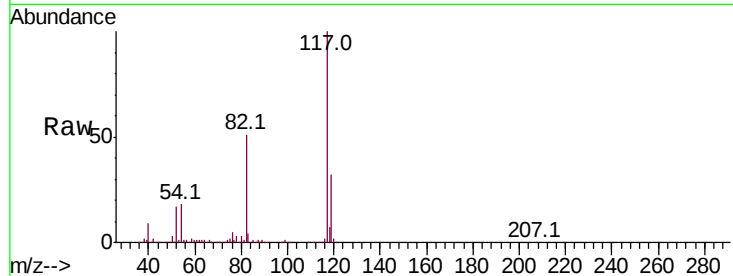




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN054333.D
Acq: 16 Mar 2019 13:34

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

Tot Ion:117 Resp: 2225387
Ion Ratio Lower Upper
117 100
82 50.8 40.0 60.0
119 32.1 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: VN054333.D
Acq: 16 Mar 2019 13:34

Tgt Ion:152 Resp: 807745
Ion Ratio Lower Upper
152 100
115 54.8 27.2 81.6
150 158.0 0.0 349.2

