

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX021819\
 Data File : VX007580.D
 Acq On : 18 Feb 2019 11:32
 Operator : JC/SP
 Sample : K1507-01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

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

Quant Time: Feb 19 04:47:00 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X020119W.M
 Quant Title : SW846 8260
 QLast Update : Sat Feb 02 01:32:36 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	496803	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	773277	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	721262	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	337963	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	274884	52.13	ug/l	0.00
Spiked Amount						
			Recovery	=	104.26%	
35) Dibromofluoromethane	5.50	113	254828	50.65	ug/l	0.00
Spiked Amount						
			Recovery	=	101.30%	
50) Toluene-d8	8.71	98	916912	49.12	ug/l	0.00
Spiked Amount						
			Recovery	=	98.24%	
62) 4-Bromofluorobenzene	11.13	95	318628	46.75	ug/l	0.00
Spiked Amount						
			Recovery	=	93.50%	

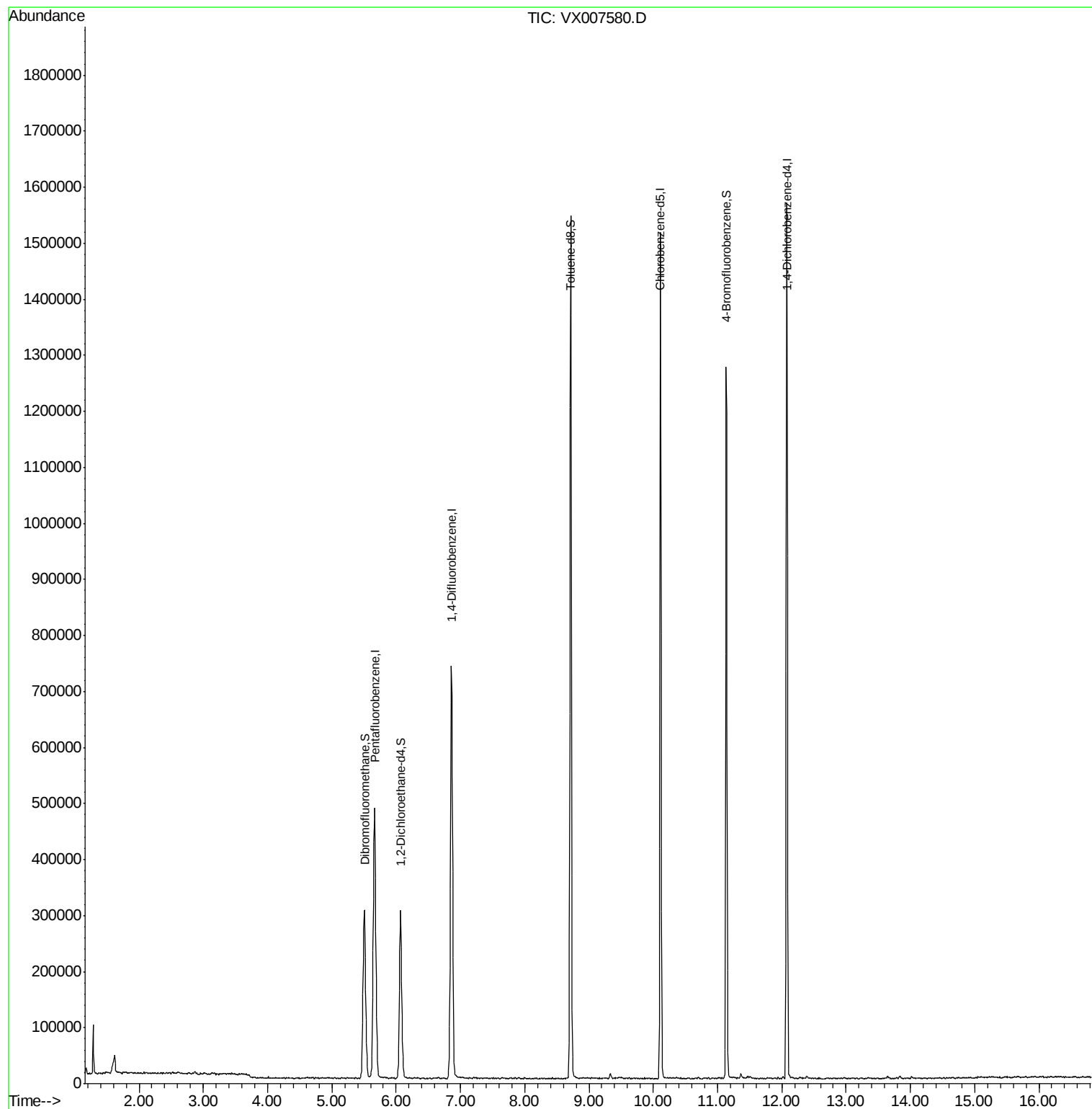
Target Compounds	Qvalue

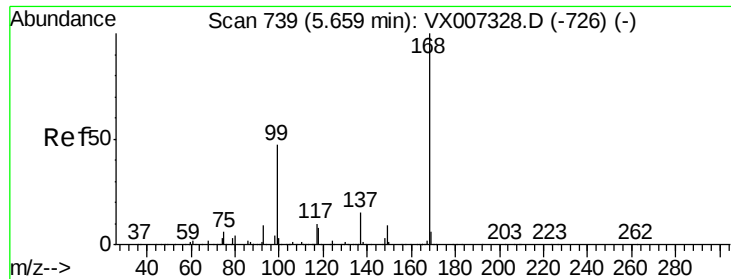
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX007580.D

Acq: 18 Feb 2019 11:32

Instrument :

MSVOA_X

ClientSampleId :

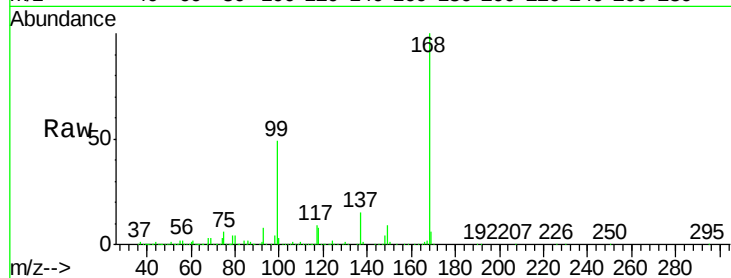
STORAGE-BLANK-SOIL-REF-6

Tot Ion:168 Resp: 496803

Ion Ratio Lower Upper

168 100

99 49.2 37.9 56.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

200000

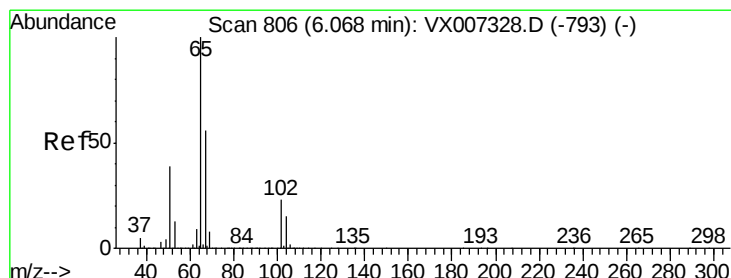
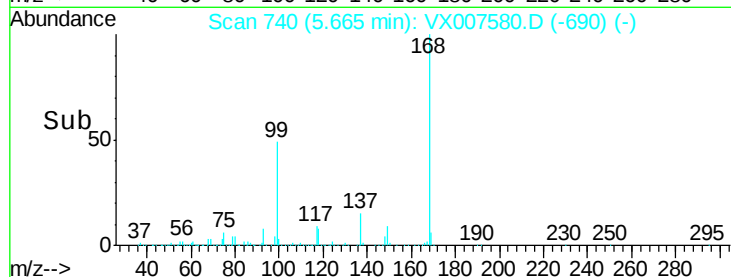
150000

100000

50000

0

Time--> 5.50 5.60 5.70 5.80



#33

1,2-Dichloroethane-d4

Concen: 52.129 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.00 min

Lab File: VX007580.D

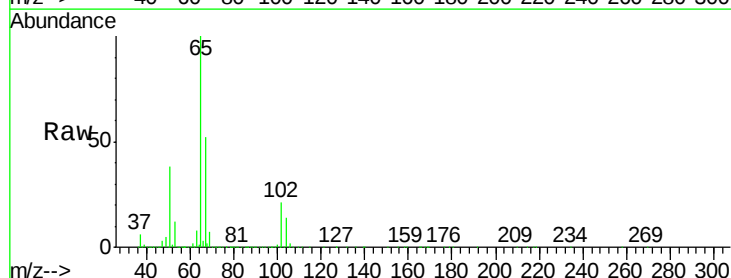
Acq: 18 Feb 2019 11:32

Tgt Ion: 65 Resp: 274884

Ion Ratio Lower Upper

65 100

67 52.5 0.0 108.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.07

120000

100000

80000

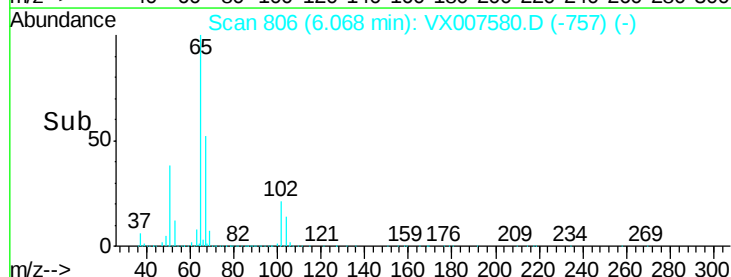
60000

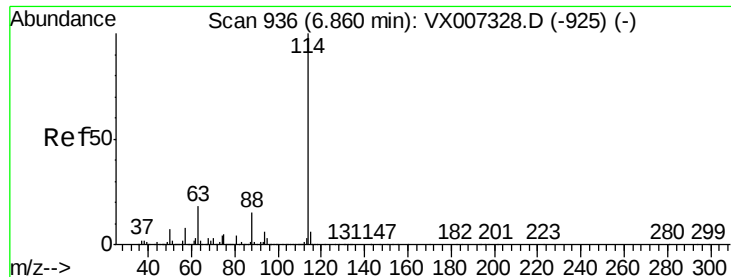
40000

20000

0

Time--> 6.00 6.10 6.20





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. 0.00 min

Lab File: VX007580.D

Acq: 18 Feb 2019 11:32

Instrument :

MSVOA_X

ClientSampleId :

STORAGE-BLANK-SOIL-REF-6

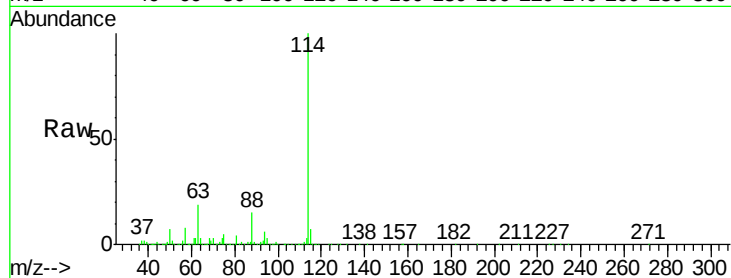
Tot Ion:114 Resp: 773277

Ion Ratio Lower Upper

114 100

63 18.6 0.0 35.6

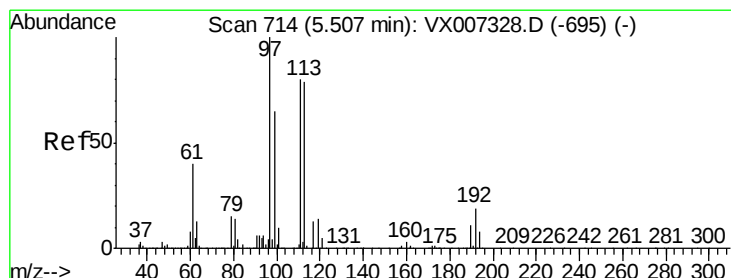
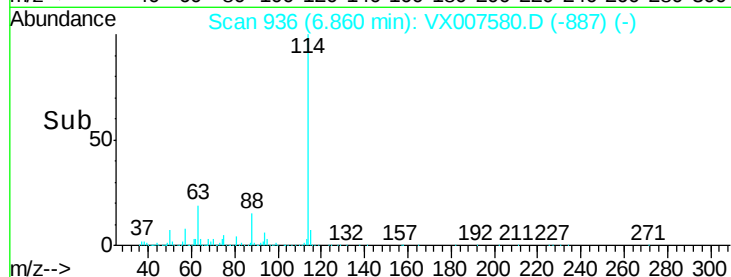
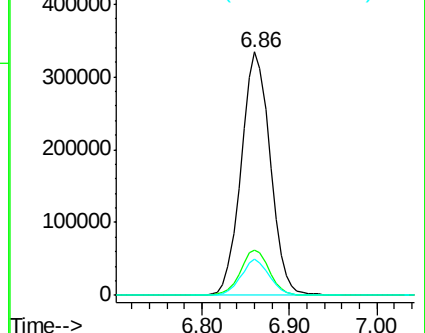
88 14.7 0.0 29.6



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0



#35

Dibromofluoromethane

Concen: 50.647 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.01 min

Lab File: VX007580.D

Acq: 18 Feb 2019 11:32

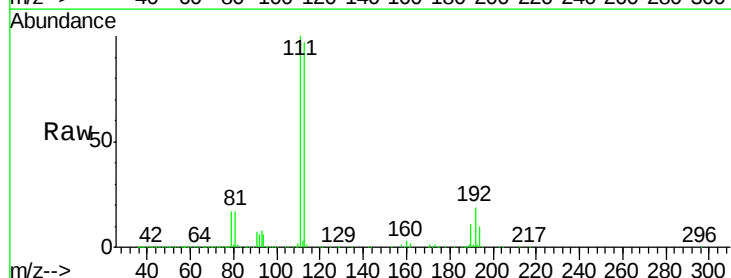
Tgt Ion:113 Resp: 254828

Ion Ratio Lower Upper

113 100

111 102.1 81.8 122.8

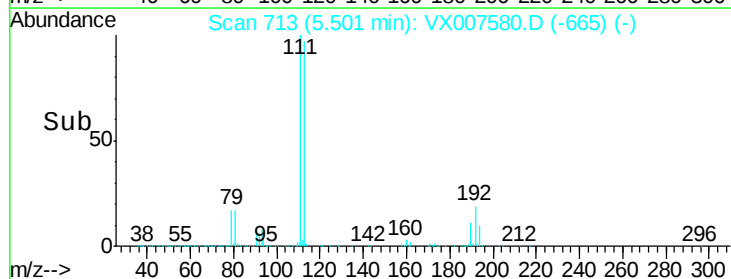
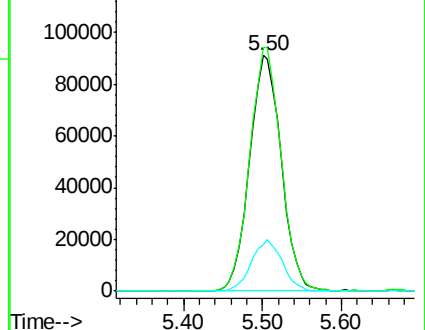
192 21.5 18.5 27.7

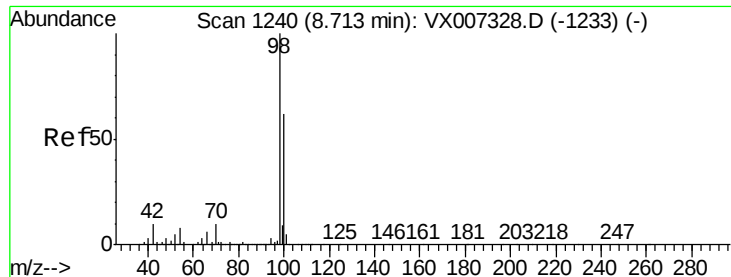


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 49.118 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX007580.D

Acq: 18 Feb 2019 11:32

Instrument :

MSVOA_X

ClientSampleId :

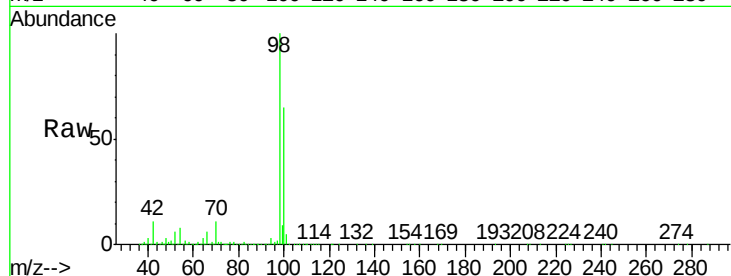
STORAGE-BLANK-SOIL-REF-6

Tot Ion: 98 Resp: 916912

Ion Ratio Lower Upper

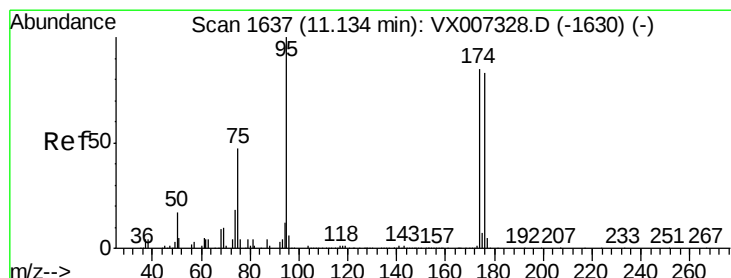
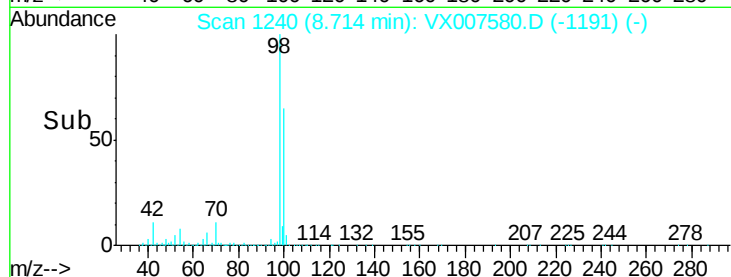
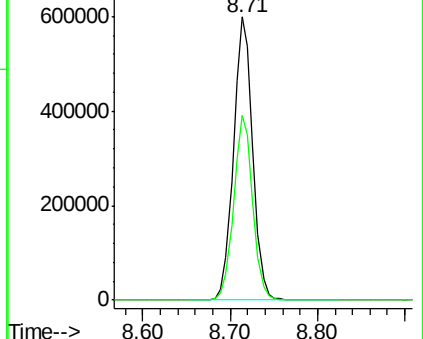
98 100

100 64.5 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX



#62

4-Bromofluorobenzene

Concen: 46.750 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX007580.D

Acq: 18 Feb 2019 11:32

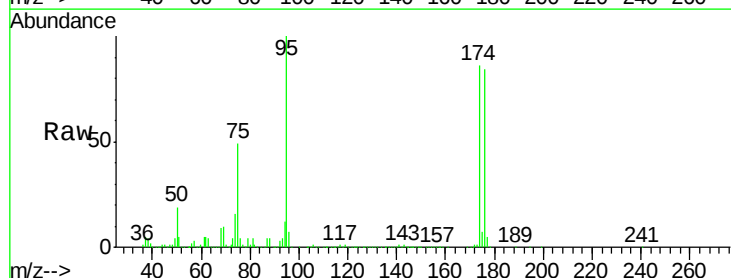
Tgt Ion: 95 Resp: 318628

Ion Ratio Lower Upper

95 100

174 94.2 0.0 189.2

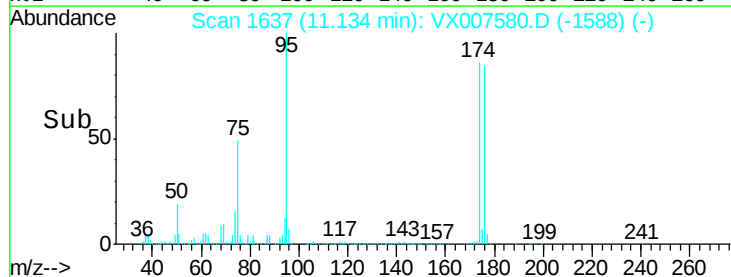
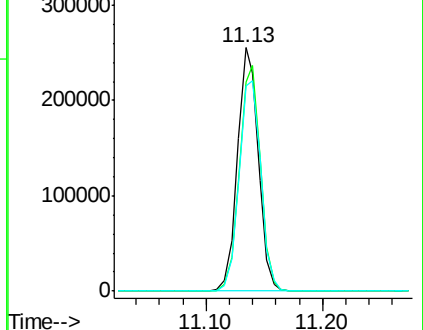
176 90.6 0.0 186.2

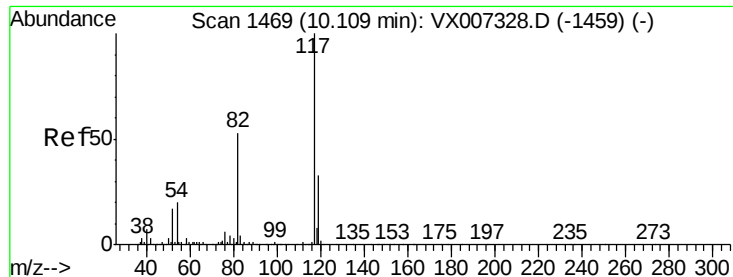


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

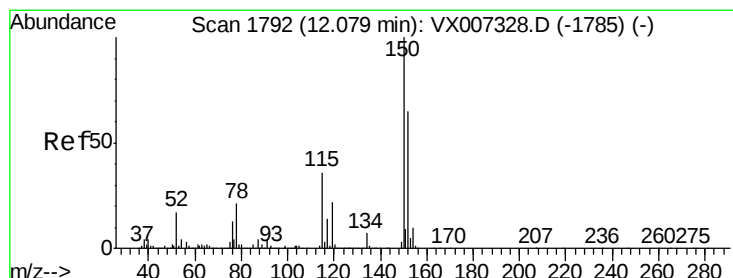
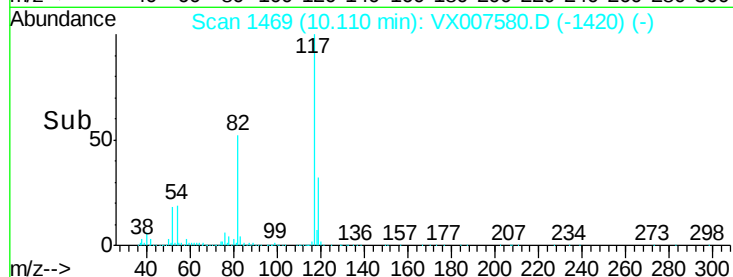
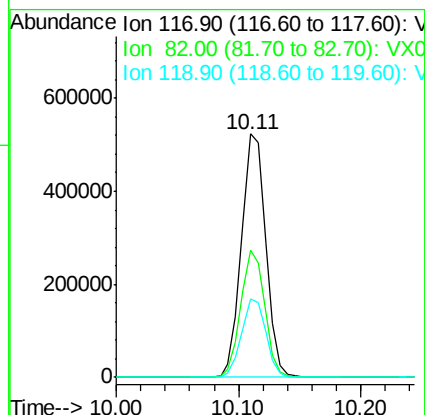
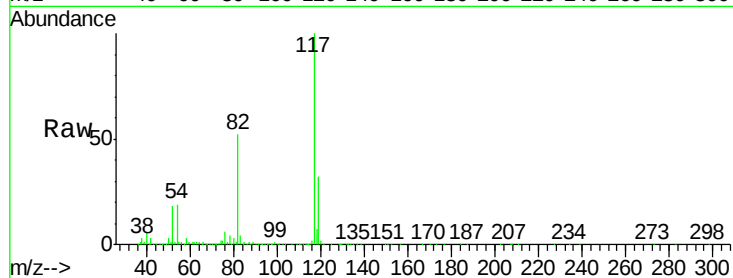




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX007580.D
Acq: 18 Feb 2019 11:32

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

Tot Ion:117 Resp: 721262
Ion Ratio Lower Upper
117 100
82 52.3 42.1 63.1
119 32.4 26.5 39.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX007580.D
Acq: 18 Feb 2019 11:32

Tgt Ion:152 Resp: 337963
Ion Ratio Lower Upper
152 100
115 55.2 38.0 114.0
150 157.2 0.0 346.4

