

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX022619\
 Data File : VX007716.D
 Acq On : 26 Feb 2019 16:26
 Operator : JC/SP
 Sample : K1580-01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 8 Sample Multiplier: 1

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

Quant Time: Feb 27 00:27:50 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X022519W.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 26 01:53:13 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	343187	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	580497	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	548032	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	251603	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	207276	48.76	ug/l	0.00
Spiked Amount			Recovery	=	97.52%	
35) Dibromofluoromethane	5.50	113	197516	50.90	ug/l	0.00
Spiked Amount			Recovery	=	101.80%	
50) Toluene-d8	8.71	98	702602	47.29	ug/l	0.00
Spiked Amount			Recovery	=	94.58%	
62) 4-Bromofluorobenzene	11.13	95	245838	45.09	ug/l	0.00
Spiked Amount			Recovery	=	90.18%	

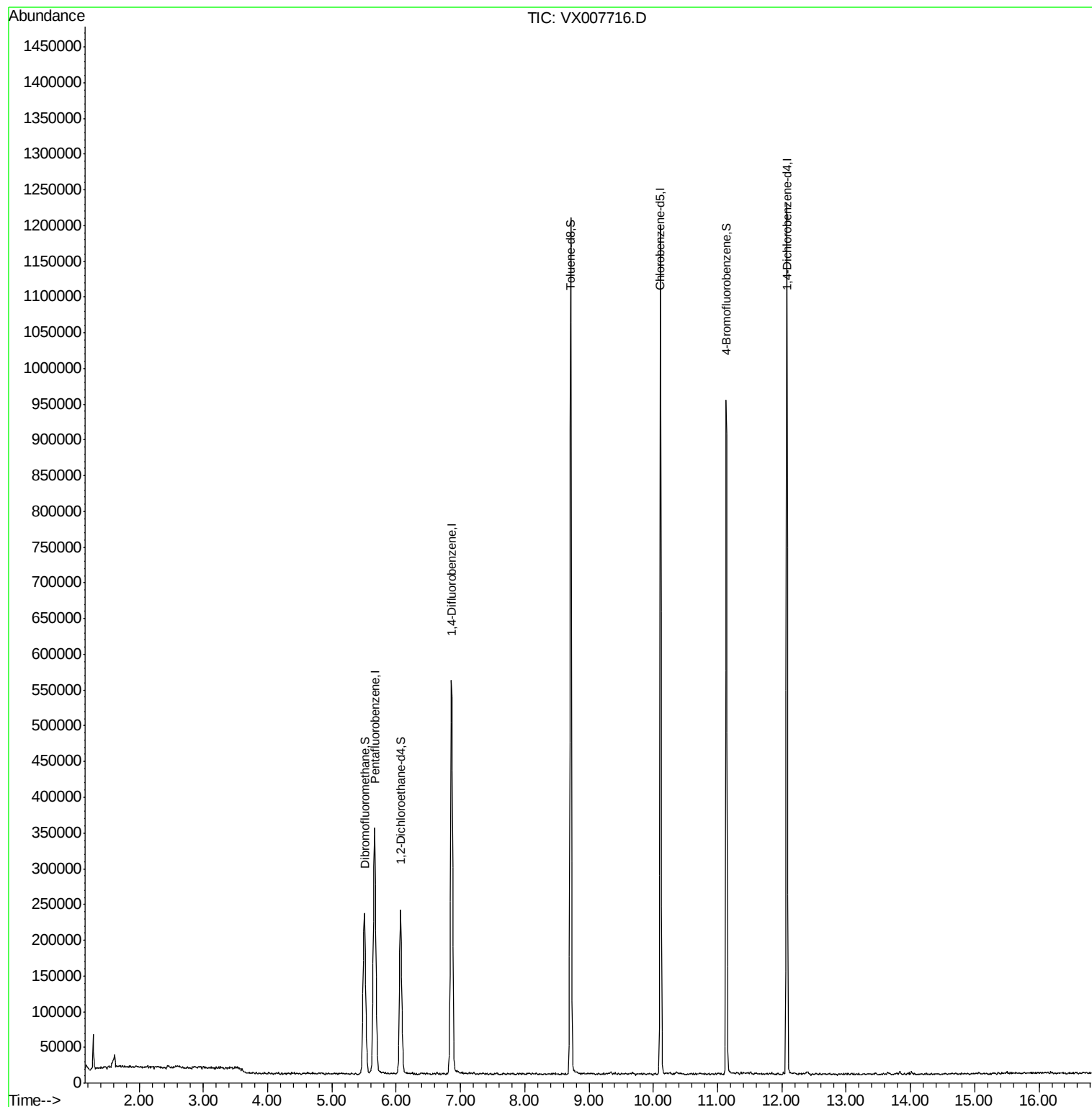
Target Compounds	Qvalue
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.00 min

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MSVOA_X

ClientSampleId :

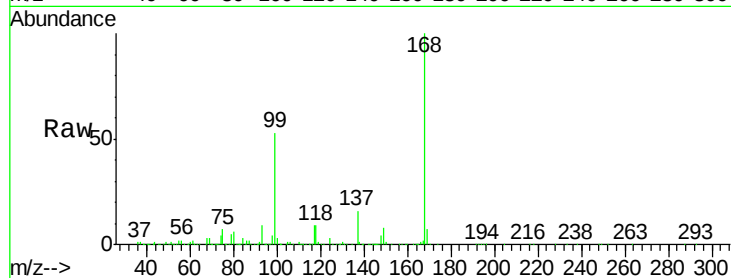
STORAGE-BLANK-SOIL-REF-6

Tot Ion:168 Resp: 343187

Ion Ratio Lower Upper

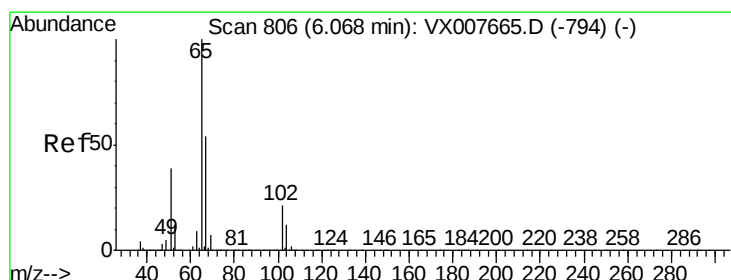
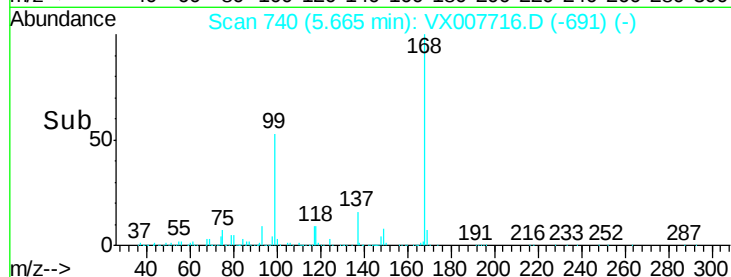
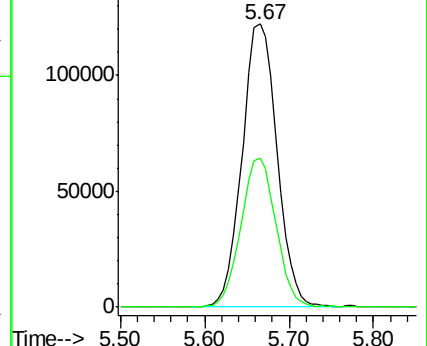
168 100

99 52.7 37.9 56.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#33

1,2-Dichloroethane-d4

Concen: 48.759 ug/l

RT: 6.07 min Scan# 806

Delta R.T. -0.00 min

Lab File: VX007716.D

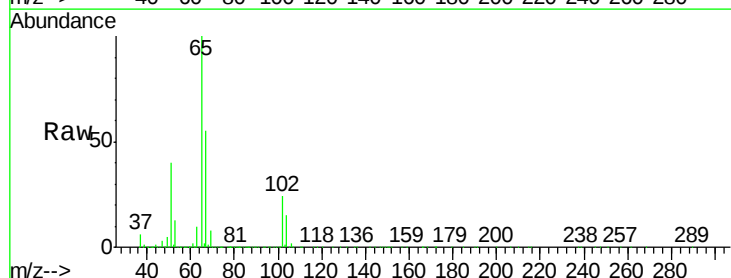
Acq: 26 Feb 2019 16:26

Tgt Ion: 65 Resp: 207276

Ion Ratio Lower Upper

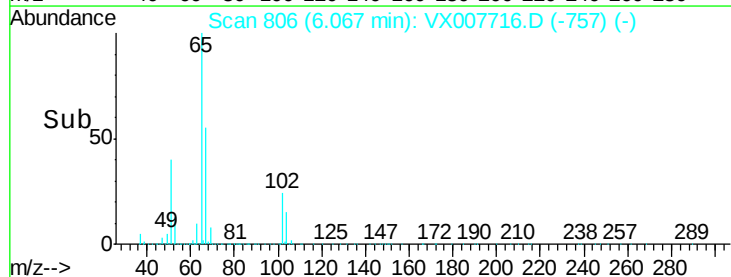
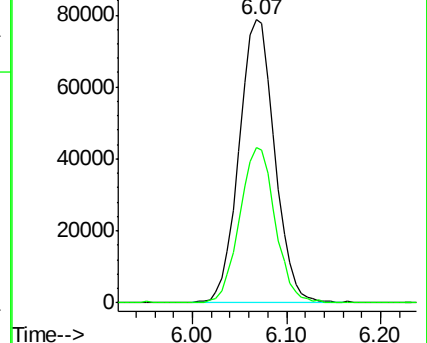
65 100

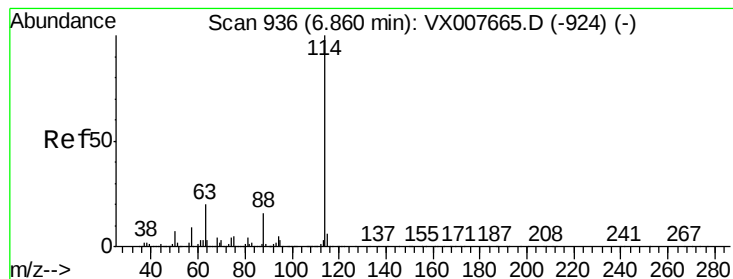
67 55.1 0.0 108.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX007716.D

Acq: 26 Feb 2019 16:26

Instrument :

MSVOA_X

ClientSampleId :

STORAGE-BLANK-SOIL-REF-6

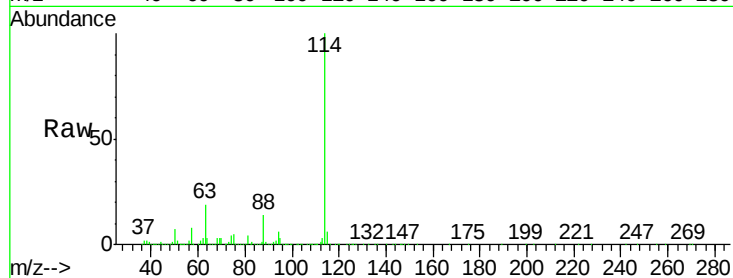
Tot Ion:114 Resp: 580497

Ion Ratio Lower Upper

114 100

63 18.5 0.0 35.6

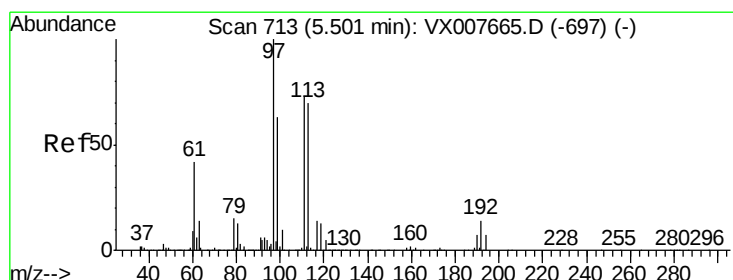
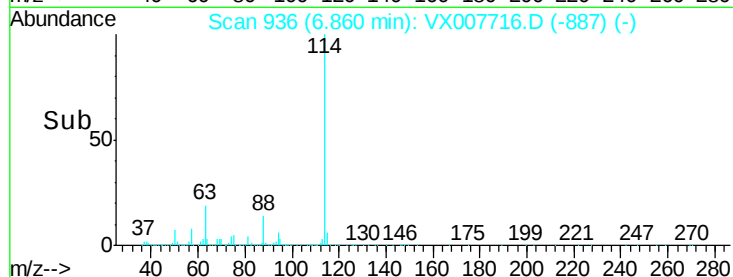
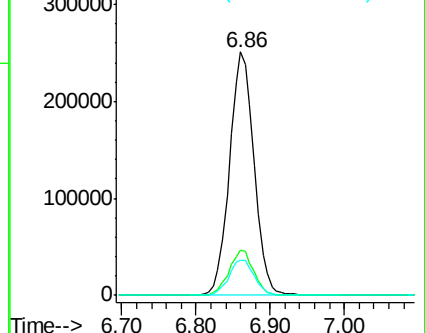
88 14.3 0.0 29.6



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: 50.900 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX007716.D

Acq: 26 Feb 2019 16:26

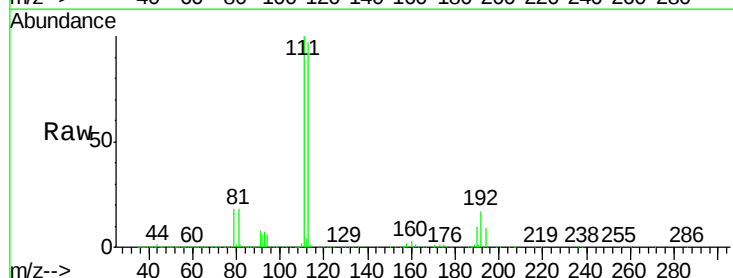
Tgt Ion:113 Resp: 197516

Ion Ratio Lower Upper

113 100

111 100.6 81.8 122.8

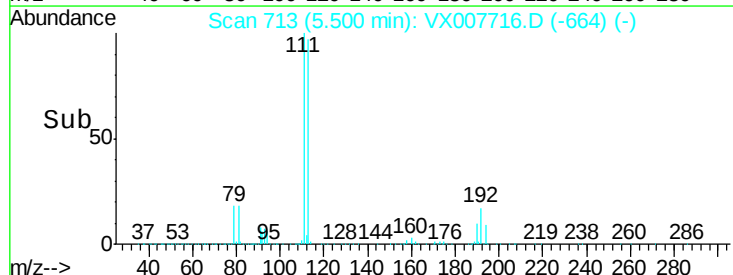
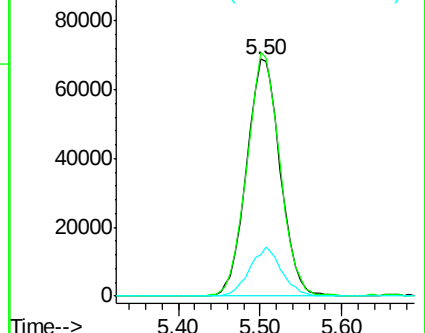
192 19.7 18.5 27.7



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: 47.295 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX007716.D

Acq: 26 Feb 2019 16:26

Instrument :

MSVOA_X

ClientSampleId :

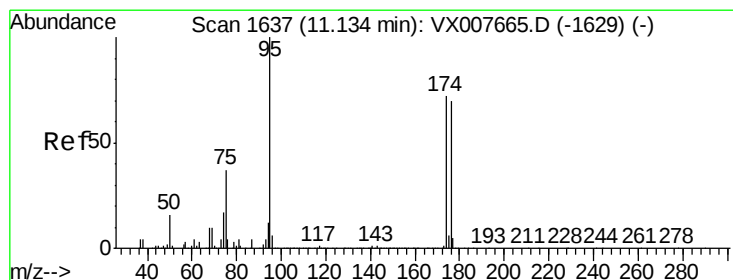
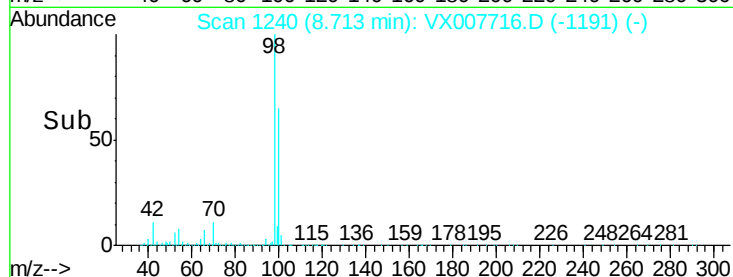
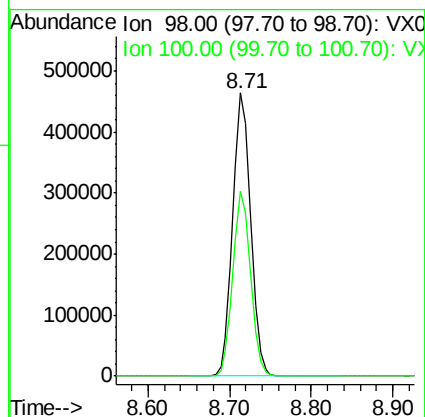
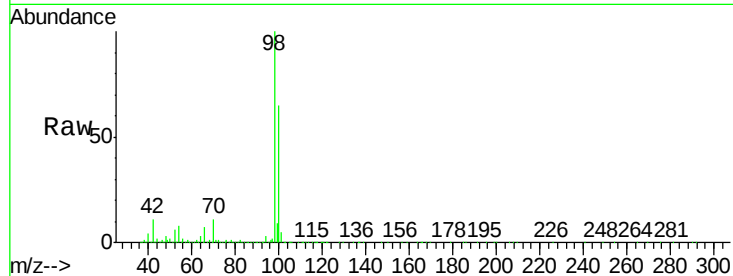
STORAGE-BLANK-SOIL-REF-6

Tot Ion: 98 Resp: 702602

Ion Ratio Lower Upper

98 100

100 64.5 51.6 77.4



#62

4-Bromofluorobenzene

Concen: 45.086 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX007716.D

Acq: 26 Feb 2019 16:26

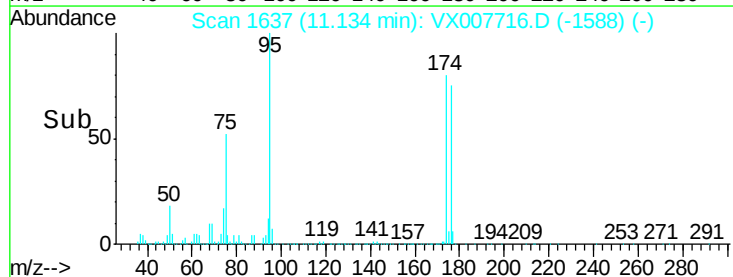
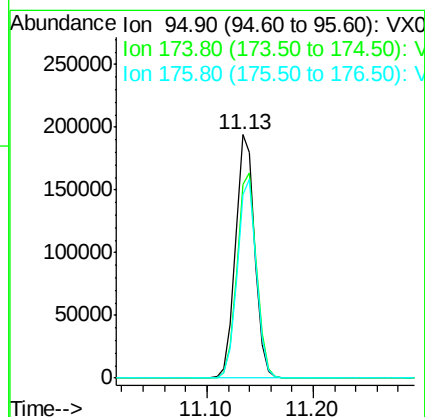
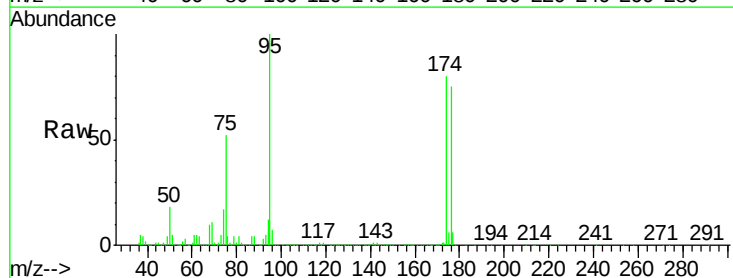
Tgt Ion: 95 Resp: 245838

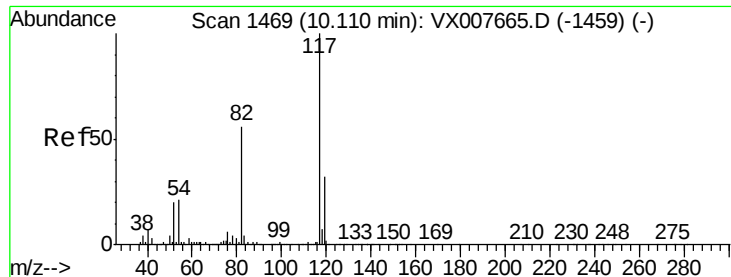
Ion Ratio Lower Upper

95 100

174 85.3 0.0 189.2

176 81.5 0.0 186.2

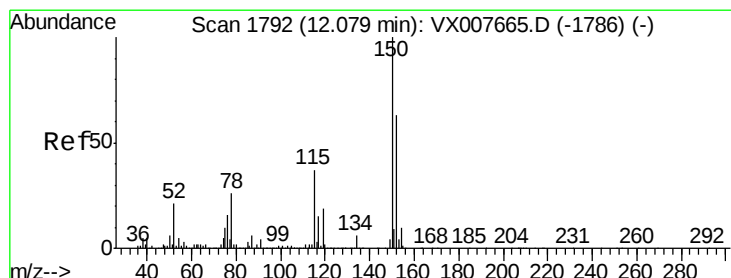
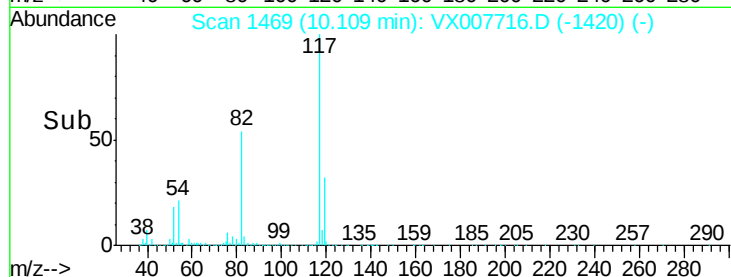
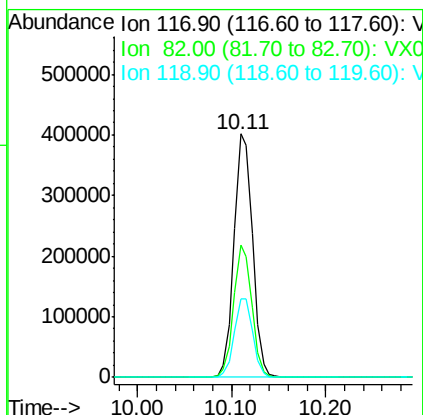
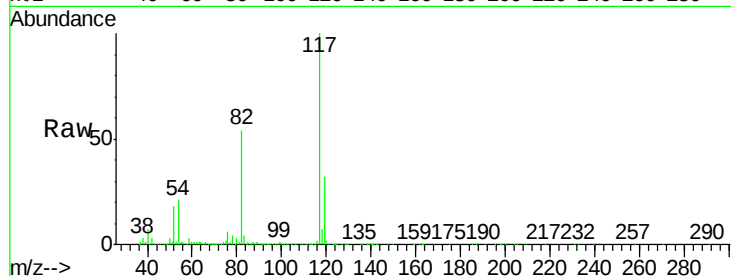




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX007716.D
Acq: 26 Feb 2019 16:26

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

Tot Ion:117 Resp: 548032
Ion Ratio Lower Upper
117 100
82 54.4 42.1 63.1
119 32.2 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: VX007716.D
Acq: 26 Feb 2019 16:26

Tgt Ion:152 Resp: 251603
Ion Ratio Lower Upper
152 100
115 55.8 38.0 114.0
150 157.1 0.0 346.4

