

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX082019\
 Data File : VX011682.D
 Acq On : 20 Aug 2019 14:14
 Operator : JC/SP
 Sample : K4397-01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 13 Sample Multiplier: 1

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

Quant Time: Aug 21 12:03:56 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X081519W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 16 04:15:26 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	395970	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	562934	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	511735	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	248503	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.06	65	205706	56.02	ug/l	0.00
Spiked Amount						
			Recovery	=	112.04%	
35) Dibromofluoromethane	5.49	113	162813	44.22	ug/l	0.00
Spiked Amount						
			Recovery	=	88.44%	
50) Toluene-d8	8.71	98	657362	57.30	ug/l	0.00
Spiked Amount						
			Recovery	=	114.60%	
62) 4-Bromofluorobenzene	11.13	95	233380	48.20	ug/l	0.00
Spiked Amount						
			Recovery	=	96.40%	

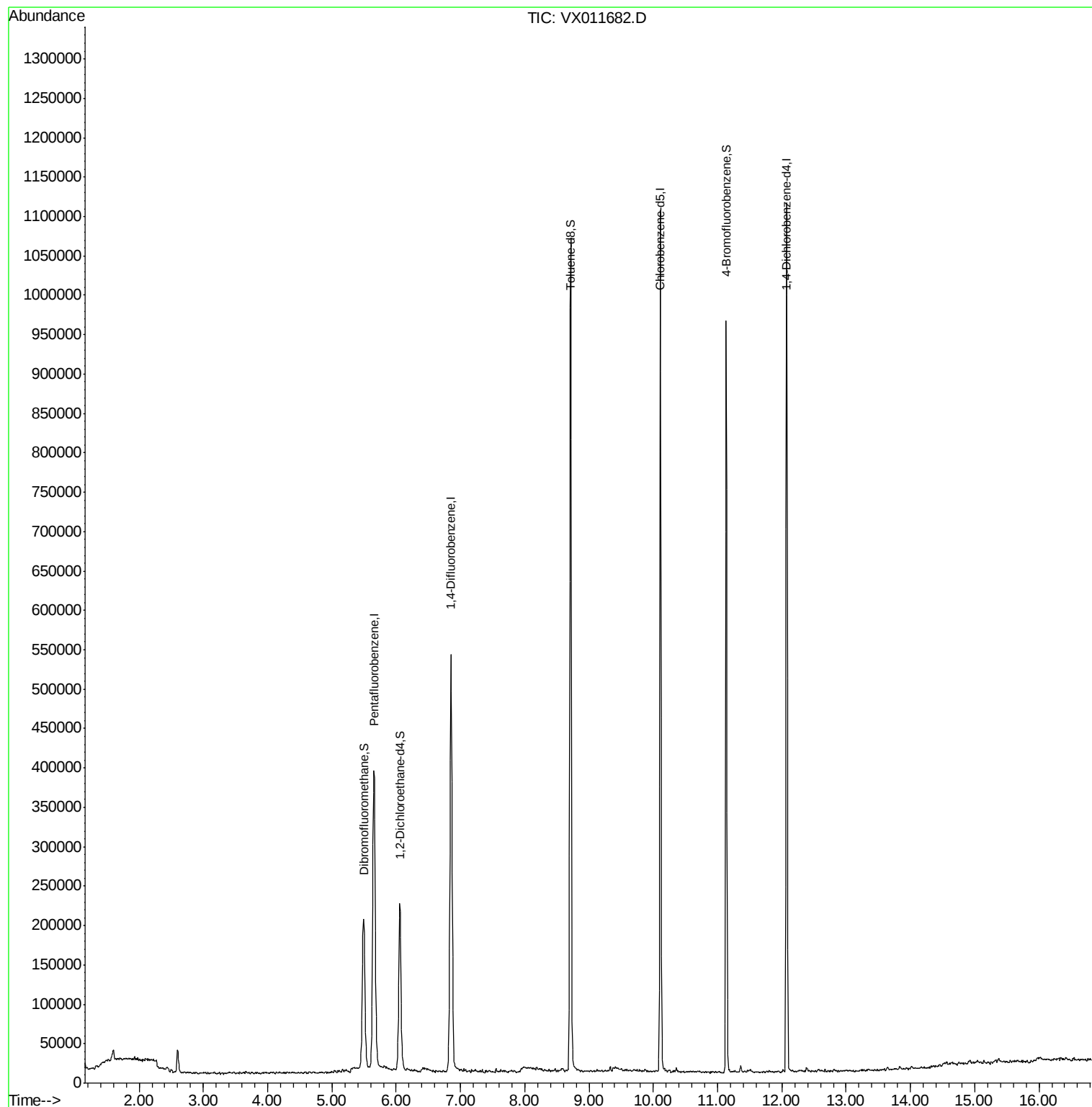
Target Compounds	Qvalue
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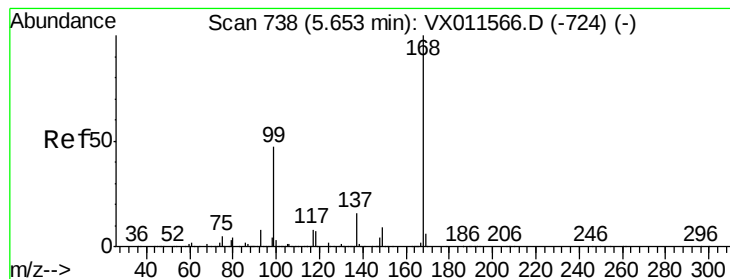
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 738

Delta R.T. 0.00 min

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Acq: 20 Aug 2019 14:14

Instrument :

MSVOA_X

ClientSampleId :

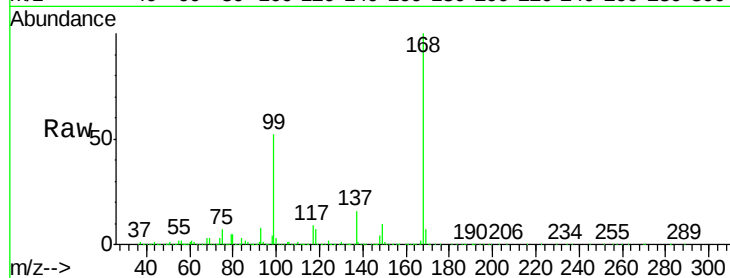
STORAGE-BLANK-SOIL-REF-6

Tot Ion:168 Resp: 395970

Ion Ratio Lower Upper

168 100

99 51.6 37.3 55.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

150000

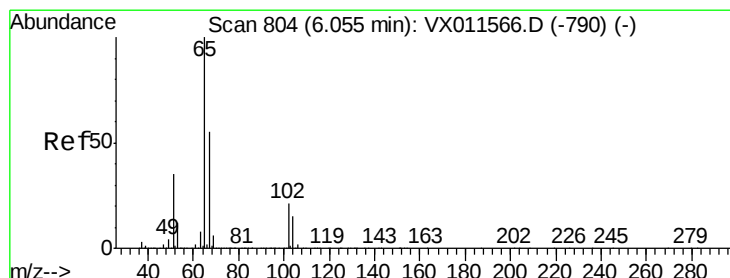
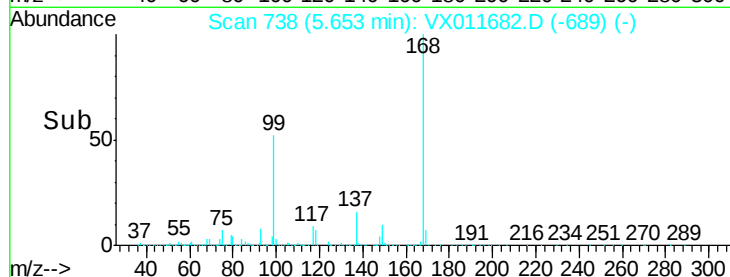
100000

50000

0

5.50 5.60 5.70 5.80

Time-->



#33

1,2-Dichloroethane-d4

Concen: 56.019 ug/l

RT: 6.06 min Scan# 804

Delta R.T. 0.00 min

Lab File: VX011682.D

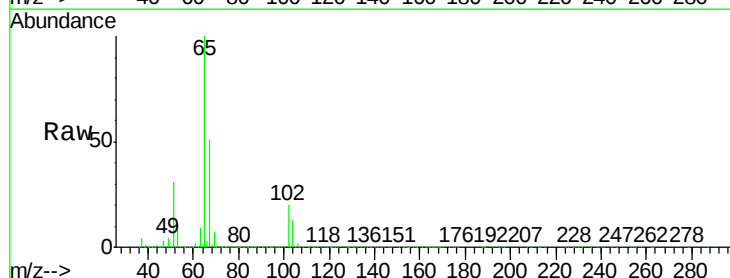
Acq: 20 Aug 2019 14:14

Tgt Ion: 65 Resp: 205706

Ion Ratio Lower Upper

65 100

67 51.8 0.0 107.6



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.06

80000

60000

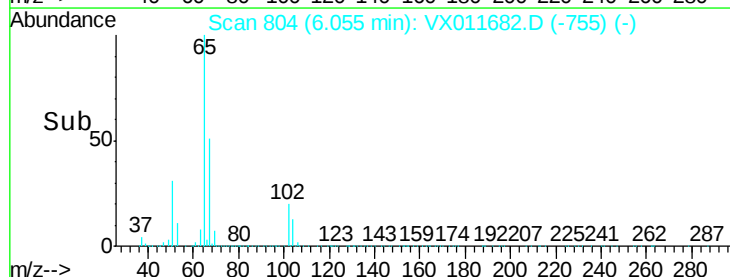
40000

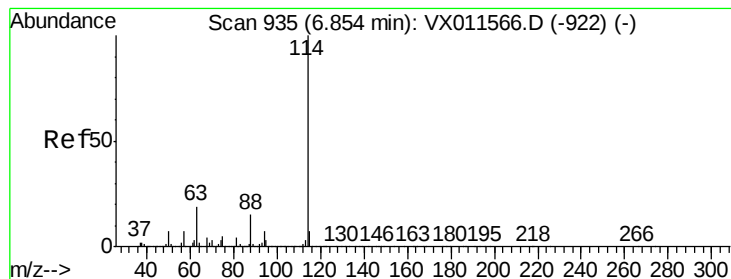
20000

0

5.90 6.00 6.10 6.20

Time-->





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 935

Delta R.T. 0.00 min

Lab File: VX011682.D

Acq: 20 Aug 2019 14:14

Instrument :

MSVOA_X

ClientSampleId :

STORAGE-BLANK-SOIL-REF-6

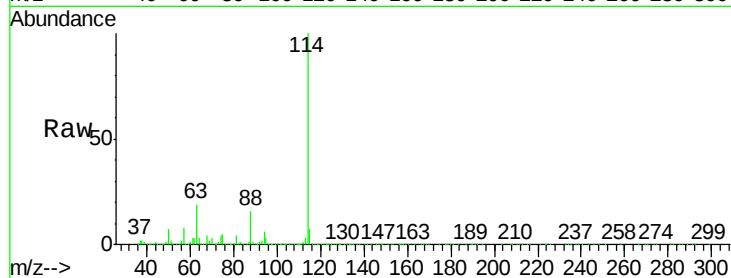
Tot Ion:114 Resp: 562934

Ion Ratio Lower Upper

114 100

63 19.0 0.0 37.8

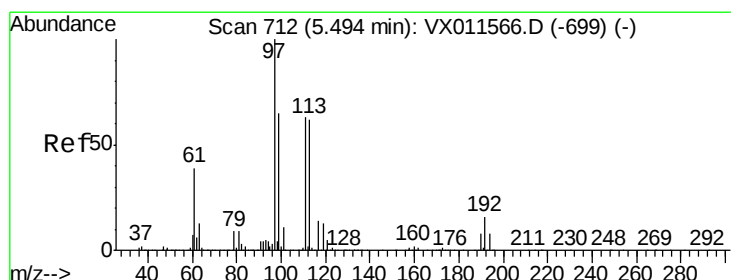
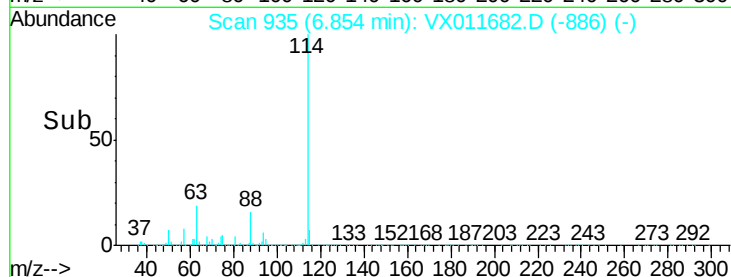
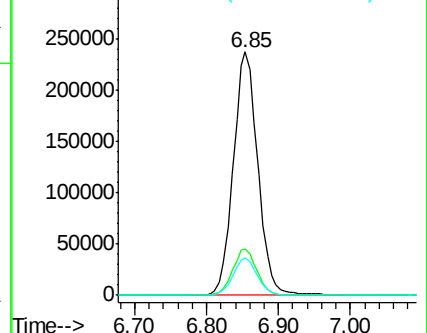
88 15.5 0.0 30.2



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: 44.219 ug/l

RT: 5.49 min Scan# 712

Delta R.T. 0.00 min

Lab File: VX011682.D

Acq: 20 Aug 2019 14:14

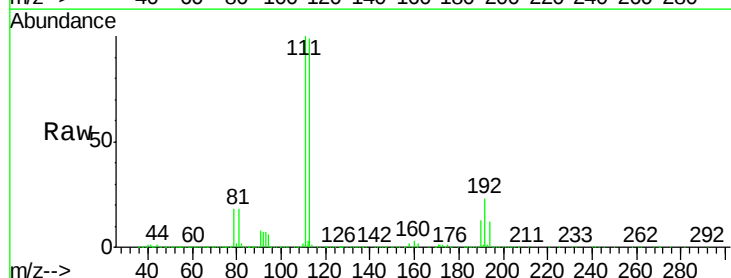
Tgt Ion:113 Resp: 162813

Ion Ratio Lower Upper

113 100

111 101.4 81.1 121.7

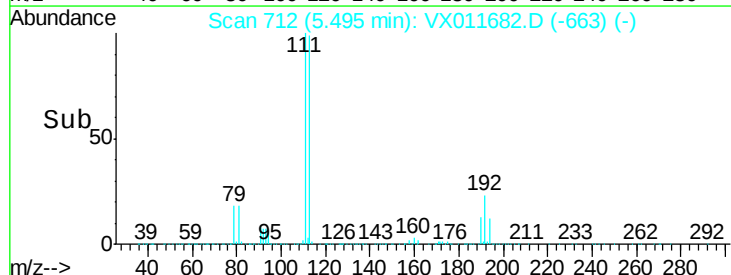
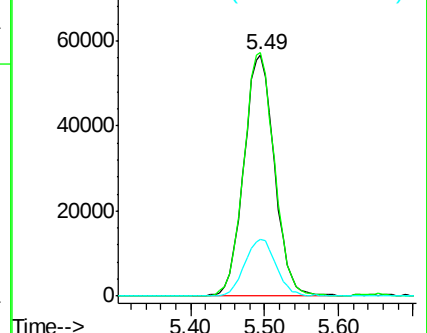
192 24.2 20.8 31.2

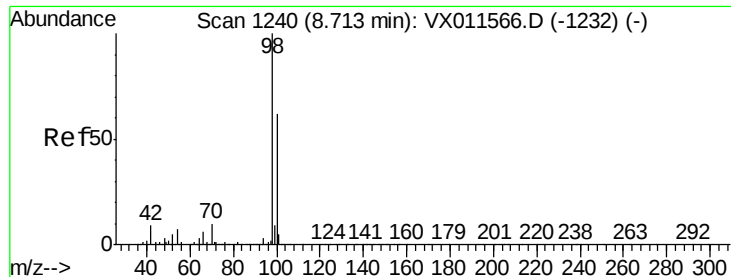


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 57.299 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX011682.D

Acq: 20 Aug 2019 14:14

Instrument :

MSVOA_X

ClientSampleId :

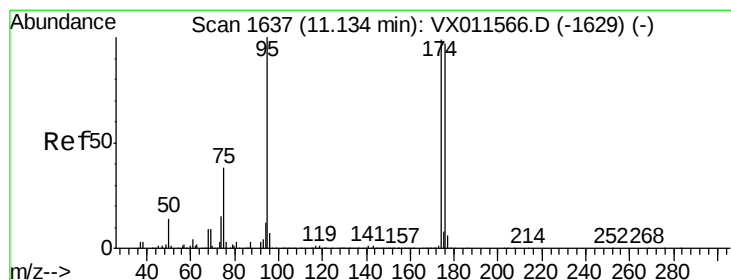
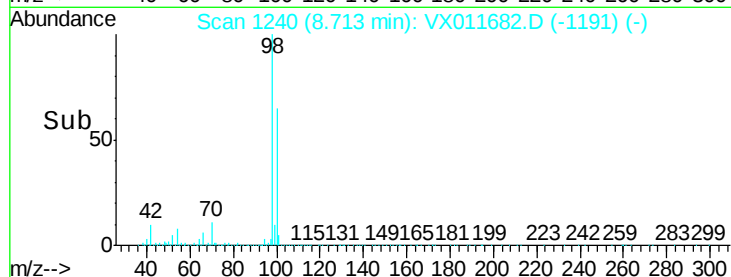
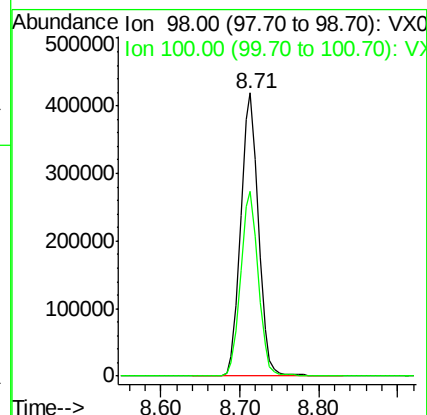
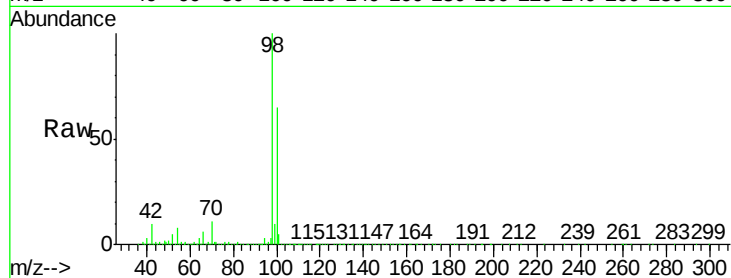
STORAGE-BLANK-SOIL-REF-6

Tot Ion: 98 Resp: 657362

Ion Ratio Lower Upper

98 100

100 65.3 52.4 78.6



#62

4-Bromofluorobenzene

Concen: 48.196 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX011682.D

Acq: 20 Aug 2019 14:14

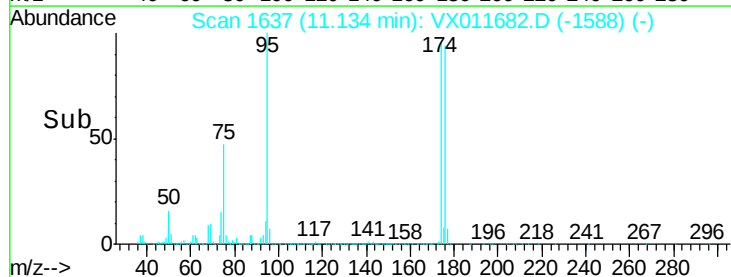
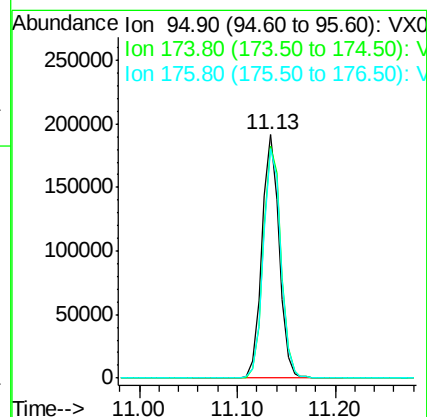
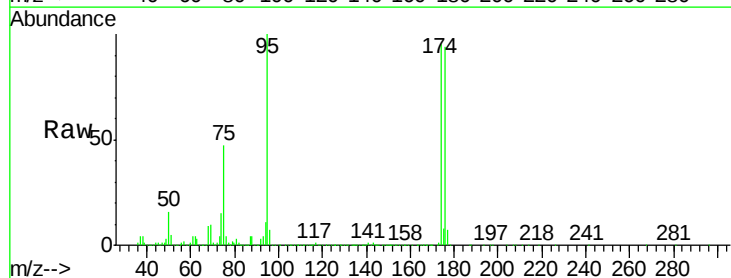
Tgt Ion: 95 Resp: 233380

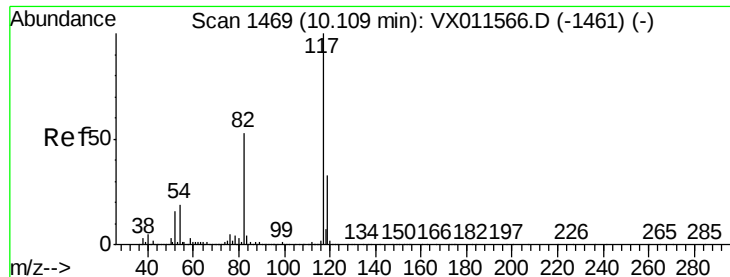
Ion Ratio Lower Upper

95 100

174 98.0 0.0 200.6

176 96.0 0.0 196.6

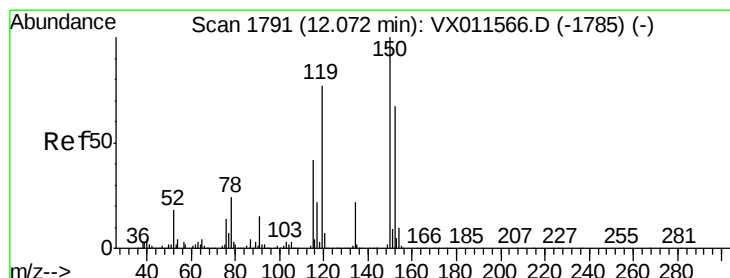
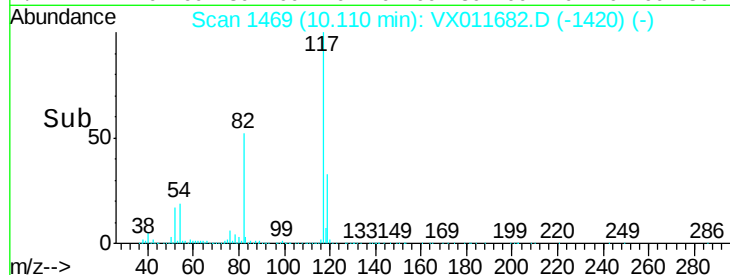
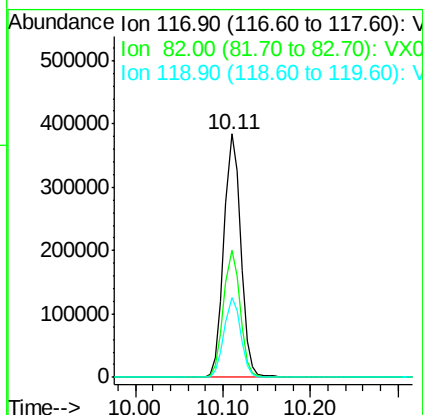
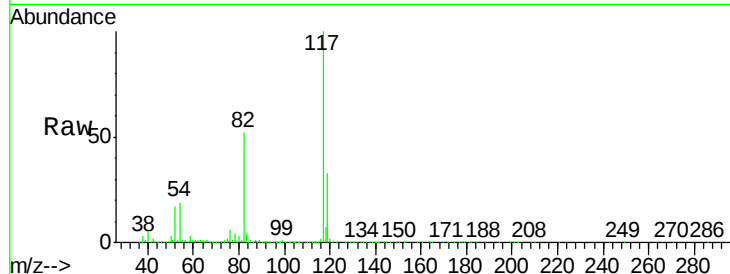




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX011682.D
Acq: 20 Aug 2019 14:14

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

Tot Ion:117 Resp: 511735
Ion Ratio Lower Upper
117 100
82 52.4 42.0 63.0
119 32.9 26.5 39.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1791
Delta R.T. 0.00 min
Lab File: VX011682.D
Acq: 20 Aug 2019 14:14

Tgt Ion:152 Resp: 248503
Ion Ratio Lower Upper
152 100
115 53.5 37.3 111.9
150 155.6 0.0 346.2

