

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX082019\
 Data File : VX011683.D
 Acq On : 20 Aug 2019 14:38
 Operator : JC/SP
 Sample : K4397-02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 STORAGE-BLANK-WATER-REF-5

Quant Time: Aug 21 12:04:22 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	388818	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	547591	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	480890	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	233033	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	203660	56.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	112.96%	
35) Dibromofluoromethane	5.49	113	162054	45.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.50%	
50) Toluene-d8	8.71	98	623711	55.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.78%	
62) 4-Bromofluorobenzene	11.13	95	218659	46.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.84%	

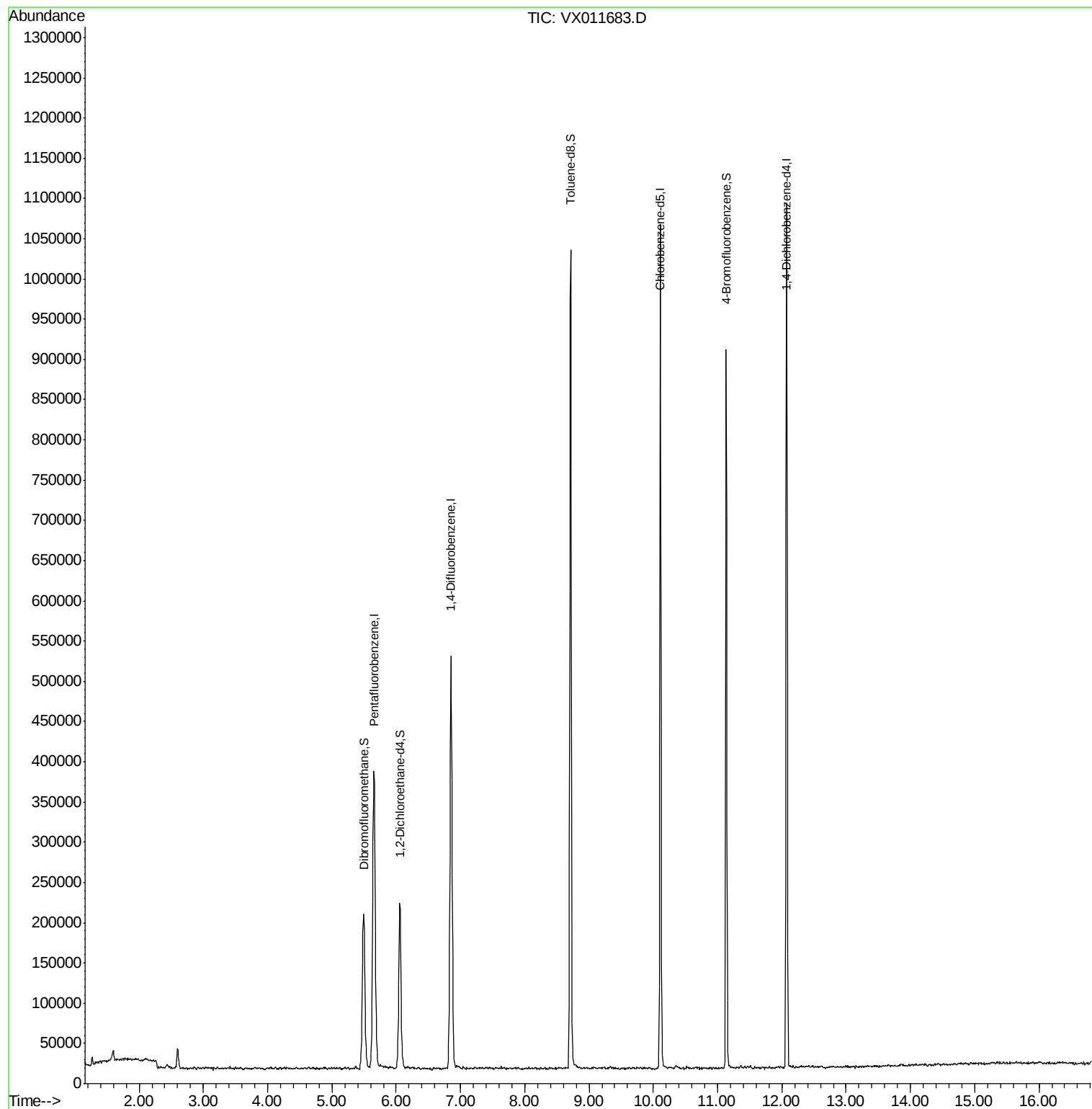
Target Compounds	Qvalue

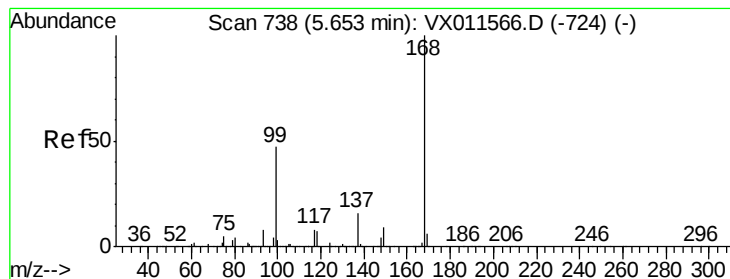
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 738

Delta R.T. 0.00 min

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Acq: 20 Aug 2019 14:38

Instrument :

MSVOA_X

ClientSampleId :

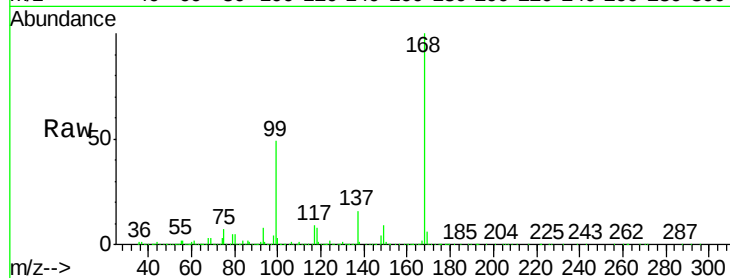
STORAGE-BLANK-WATER-REF-5

Tot Ion:168 Resp: 388818

Ion Ratio Lower Upper

168 100

99 49.0 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

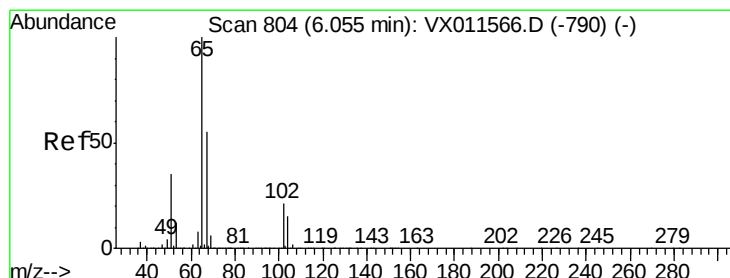
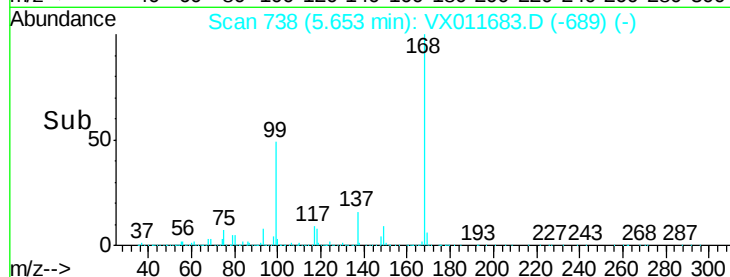
100000

50000

0

Time-->

5.50 5.60 5.70 5.80



#33

1,2-Dichloroethane-d4

Concen: 56.482 ug/l

RT: 6.06 min Scan# 804

Delta R.T. 0.00 min

Lab File: VX011683.D

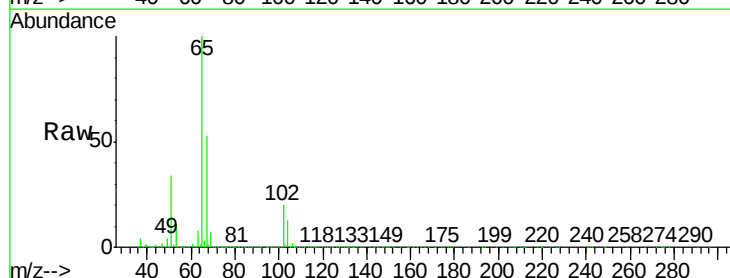
Acq: 20 Aug 2019 14:38

Tgt Ion: 65 Resp: 203660

Ion Ratio Lower Upper

65 100

67 51.6 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

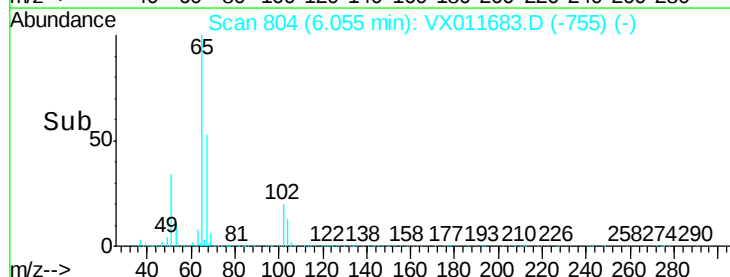
40000

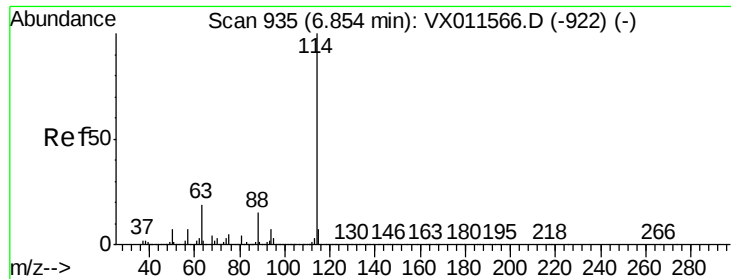
20000

0

Time-->

5.90 6.00 6.10 6.20





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 935

Delta R.T. 0.00 min

Lab File: VX011683.D

Acq: 20 Aug 2019 14:38

Instrument :

MSVOA_X

ClientSampleId :

STORAGE-BLANK-WATER-REF-5

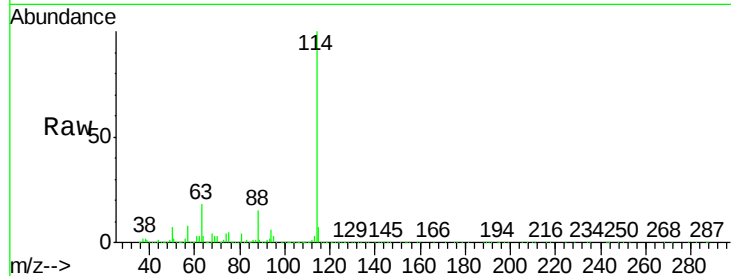
Tot Ion:114 Resp: 547591

Ion Ratio Lower Upper

114 100

63 18.3 0.0 37.8

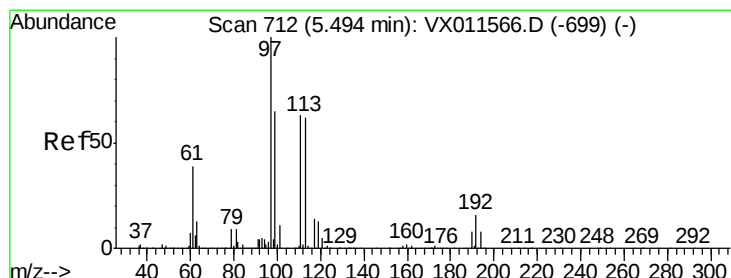
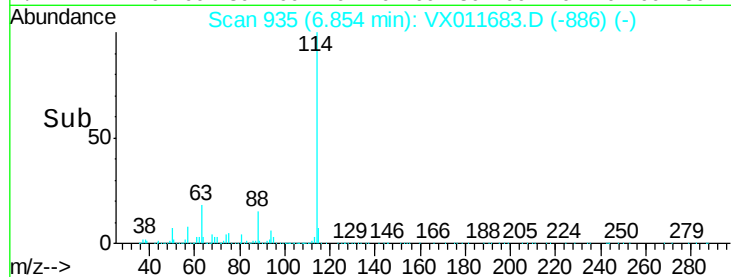
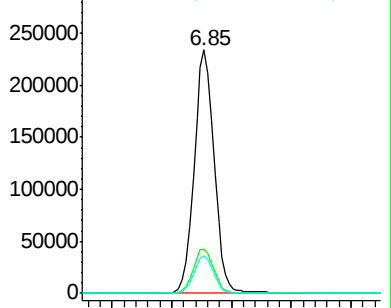
88 15.3 0.0 30.2



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: 45.246 ug/l

RT: 5.49 min Scan# 712

Delta R.T. 0.00 min

Lab File: VX011683.D

Acq: 20 Aug 2019 14:38

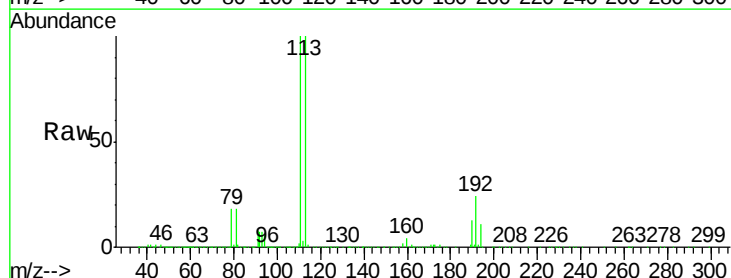
Tgt Ion:113 Resp: 162054

Ion Ratio Lower Upper

113 100

111 101.0 81.1 121.7

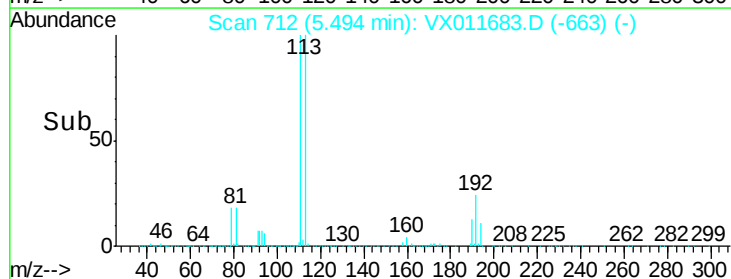
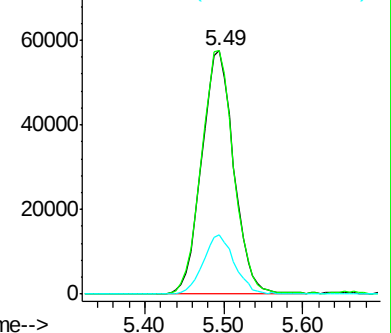
192 24.2 20.8 31.2

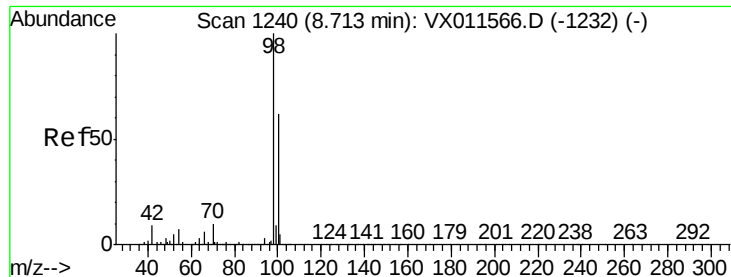


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 55.889 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX011683.D

Acq: 20 Aug 2019 14:38

Instrument :

MSVOA_X

ClientSampleId :

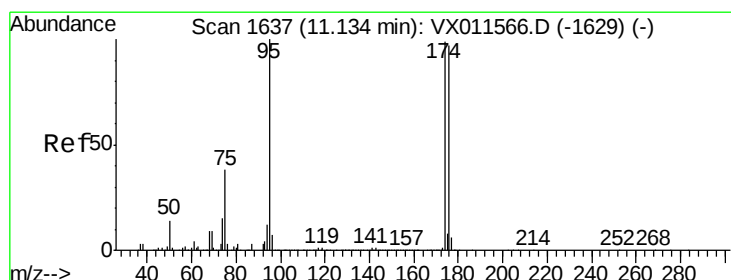
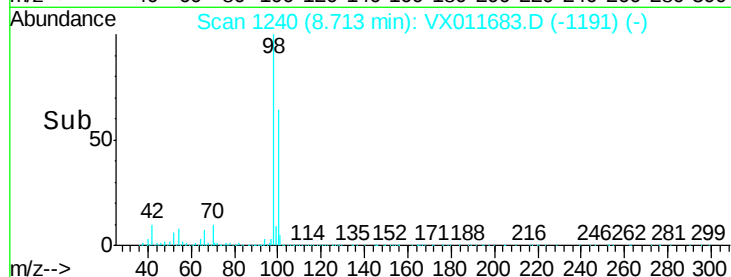
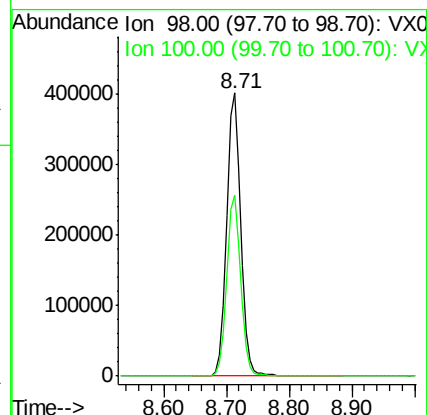
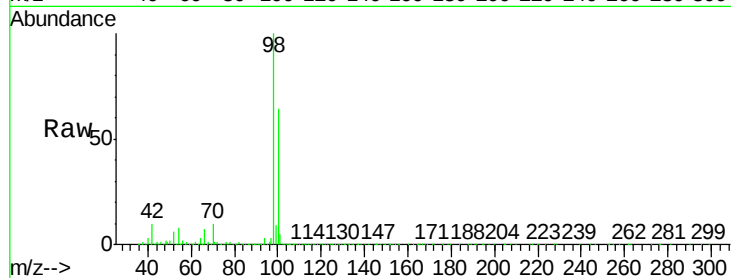
STORAGE-BLANK-WATER-REF-5

Tot Ion: 98 Resp: 623711

Ion Ratio Lower Upper

98 100

100 63.6 52.4 78.6



#62

4-Bromofluorobenzene

Concen: 46.421 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX011683.D

Acq: 20 Aug 2019 14:38

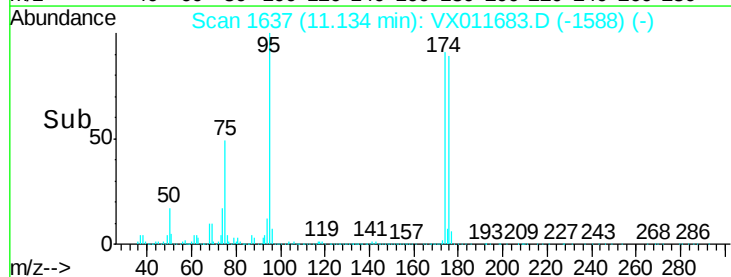
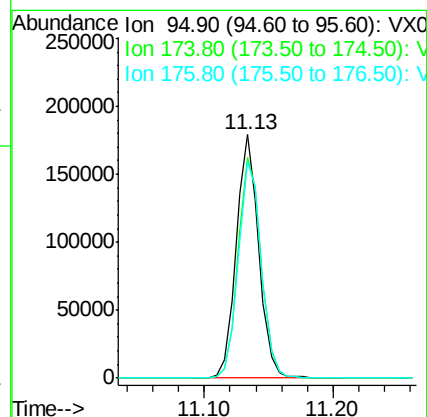
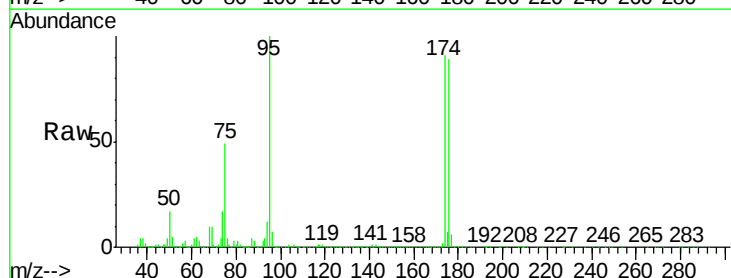
Tgt Ion: 95 Resp: 218659

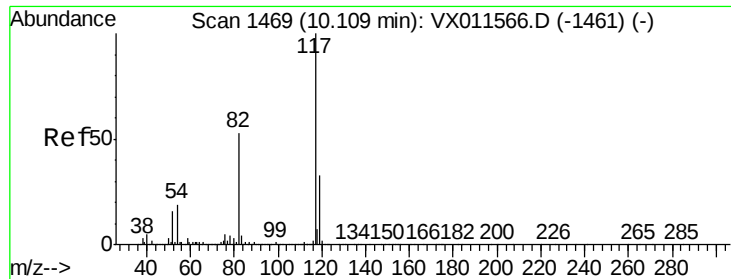
Ion Ratio Lower Upper

95 100

174 93.2 0.0 200.6

176 90.6 0.0 196.6

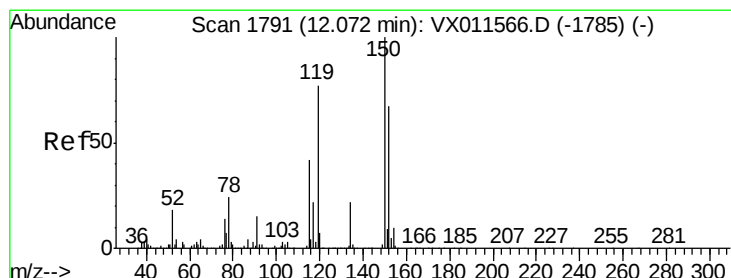
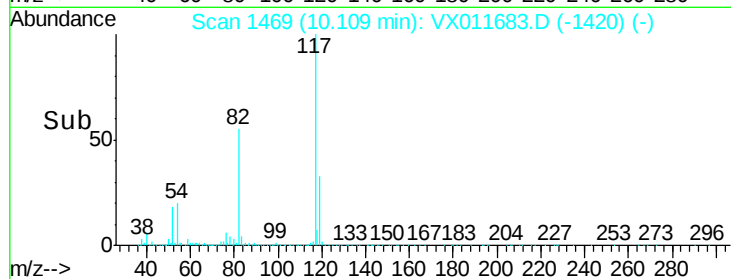
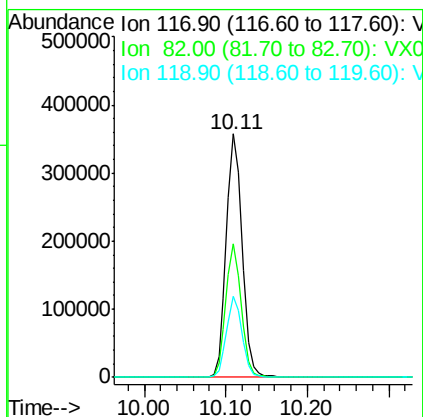
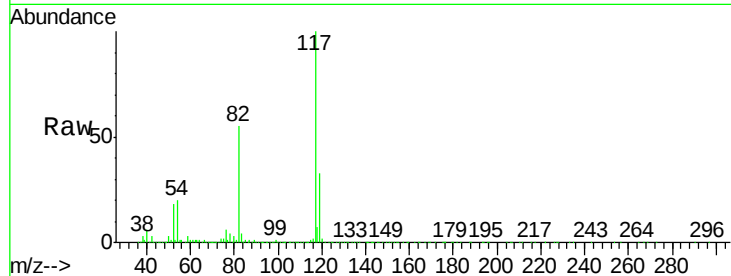




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX011683.D
Acq: 20 Aug 2019 14:38

Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

Tot Ion	Ratio	Lower	Upper
117	100		
82	54.6	42.0	63.0
119	33.0	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: VX011683.D
Acq: 20 Aug 2019 14:38

Tgt Ion	Ratio	Lower	Upper
152	100		
115	55.2	37.3	111.9
150	155.5	0.0	346.2

