

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX083120\
 Data File : VX018153.D
 Acq On : 31 Aug 2020 17:25
 Operator : JC/SP
 Sample : L3835-01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 STORAGE BLANK-SOILREF-6

Quant Time: Sep 01 06:36:28 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082120W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 21 03:03:56 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	486193	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	794060	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	750750	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	353406	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.04	65	339979	50.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.74%	
35) Dibromofluoromethane	5.47	113	276338	51.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.20%	
50) Toluene-d8	8.70	98	960005	47.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.32%	
62) 4-Bromofluorobenzene	11.12	95	355807	44.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.80%	

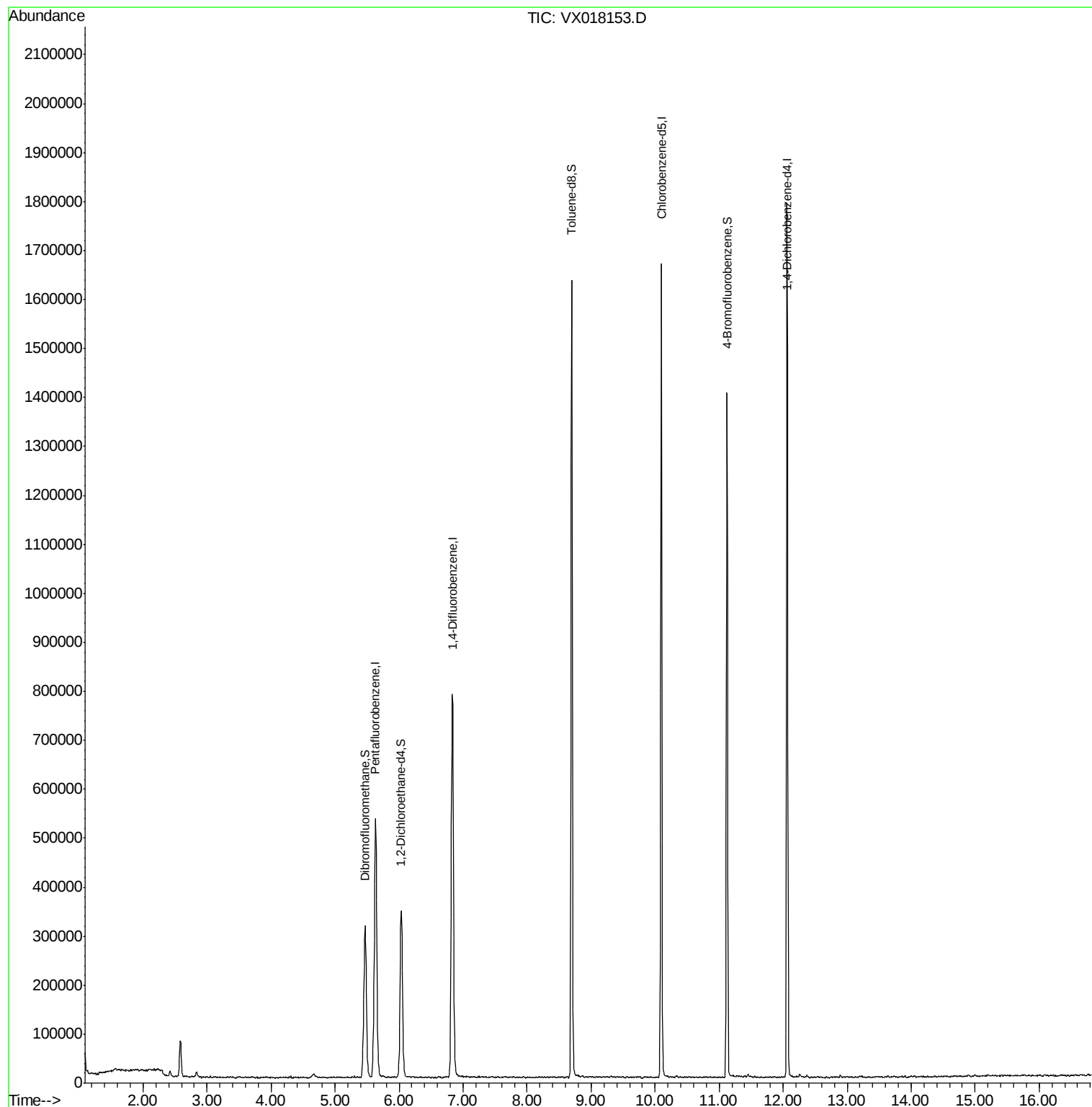
Target Compounds	Qvalue

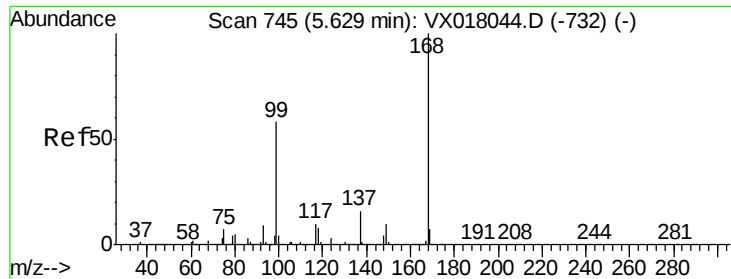
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.64 min Scan# 746

Delta R.T. 0.01 min

Lab File: VX018153.D

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MSVOA_X

ClientSampleId :

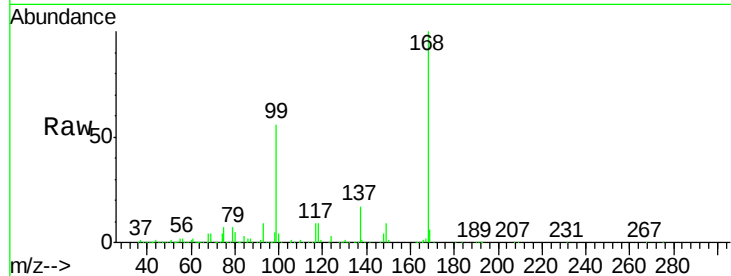
STORAGEBLANK-SOILREF-6

Tot Ion:168 Resp: 486193

Ion Ratio Lower Upper

168 100

99 56.2 46.3 69.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.64

200000

150000

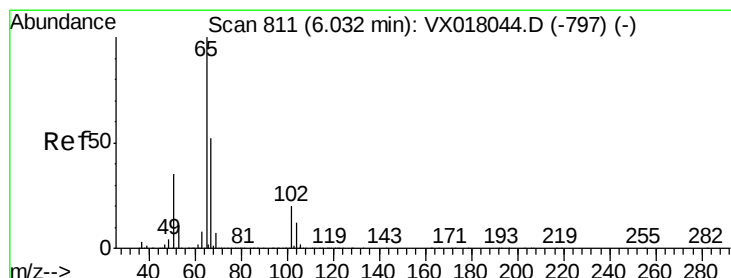
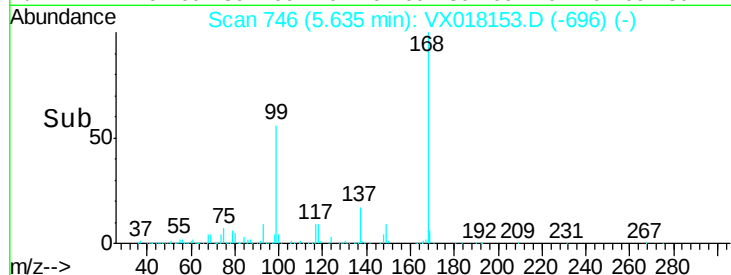
100000

50000

0

Time-->

5.50 5.60 5.70



#33

1,2-Dichloroethane-d4

Concen: 50.370 ug/l

RT: 6.04 min Scan# 812

Delta R.T. 0.01 min

Lab File: VX018153.D

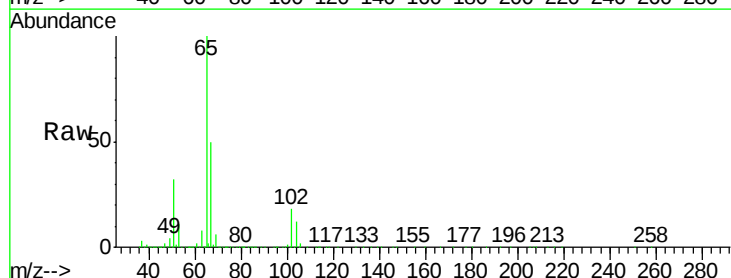
Acq: 31 Aug 2020 17:25

Tgt Ion: 65 Resp: 339979

Ion Ratio Lower Upper

65 100

67 51.7 0.0 105.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

150000

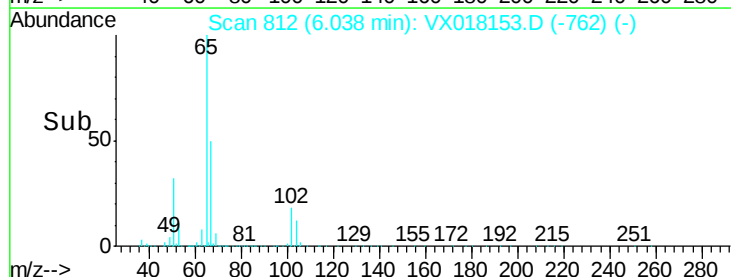
100000

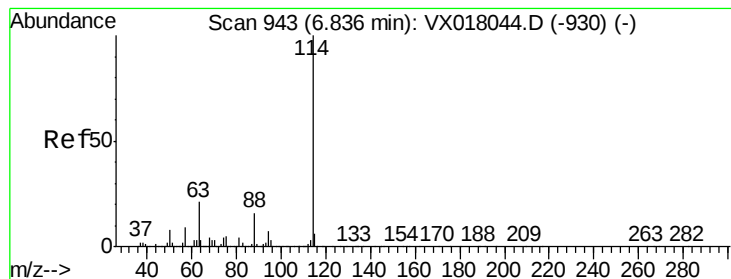
50000

0

Time-->

5.90 6.00 6.10 6.20





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. -0.01 min

Lab File: VX018153.D

Acq: 31 Aug 2020 17:25

Instrument :

MSVOA_X

ClientSampleId :

STORAGEBLANK-SOILREF-6

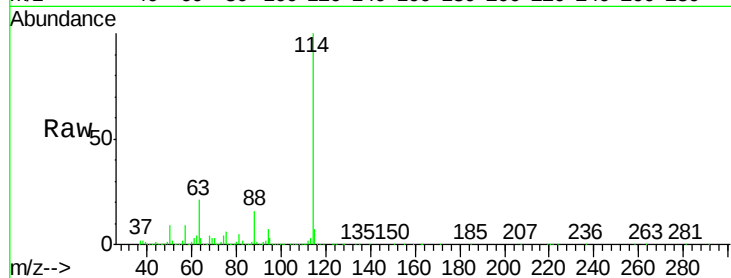
Tot Ion:114 Resp: 794060

Ion Ratio Lower Upper

114 100

63 21.2 0.0 42.6

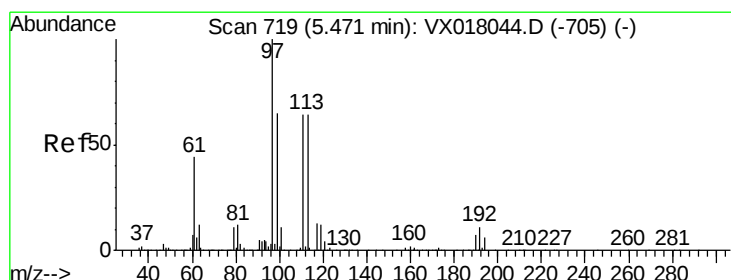
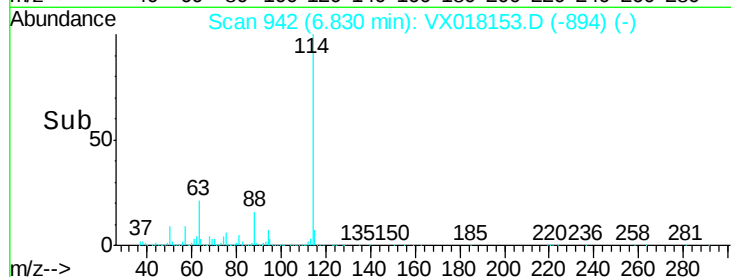
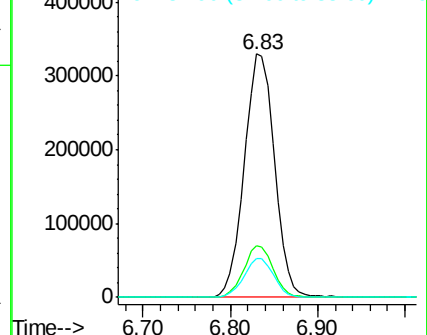
88 16.0 0.0 31.8



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: 51.099 ug/l

RT: 5.47 min Scan# 719

Delta R.T. -0.00 min

Lab File: VX018153.D

Acq: 31 Aug 2020 17:25

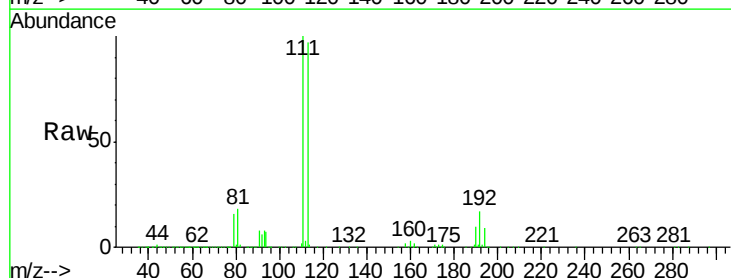
Tgt Ion:113 Resp: 276338

Ion Ratio Lower Upper

113 100

111 99.6 81.6 122.4

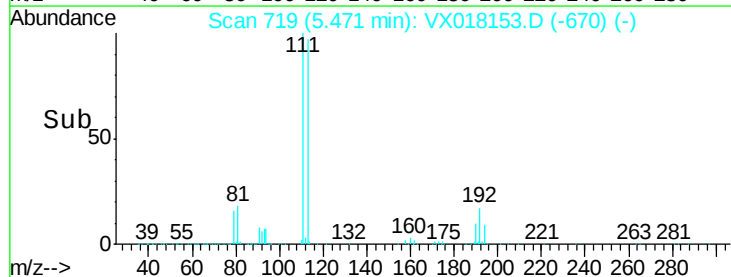
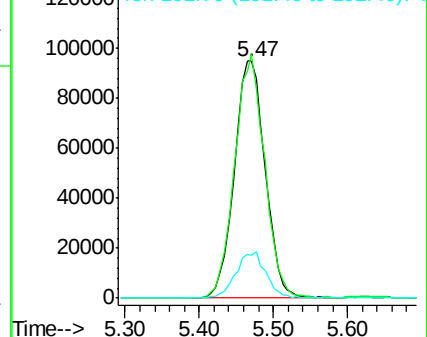
192 18.9 15.8 23.8

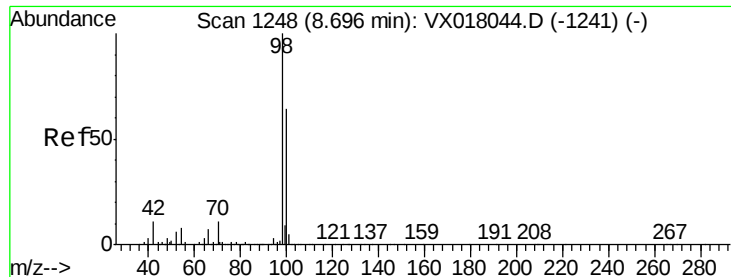


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 47.661 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX018153.D

Acq: 31 Aug 2020 17:25

Instrument :

MSVOA_X

ClientSampleId :

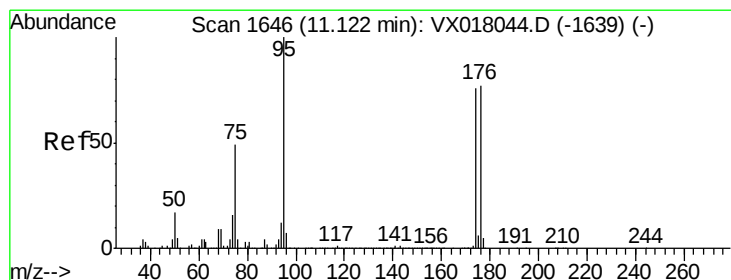
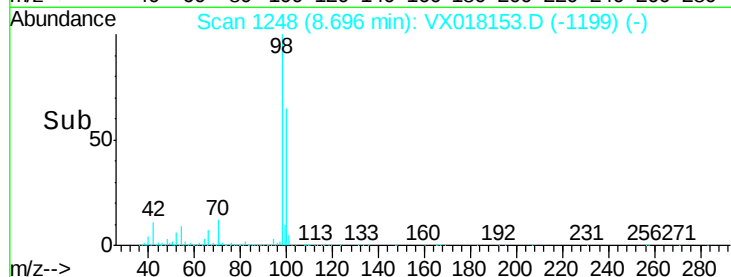
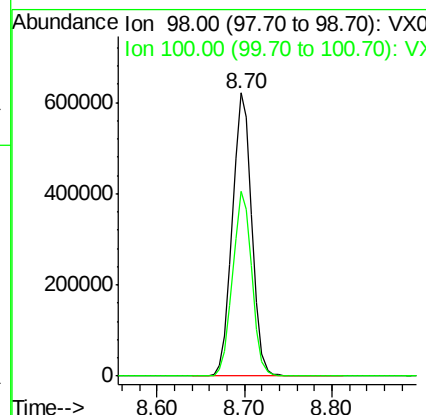
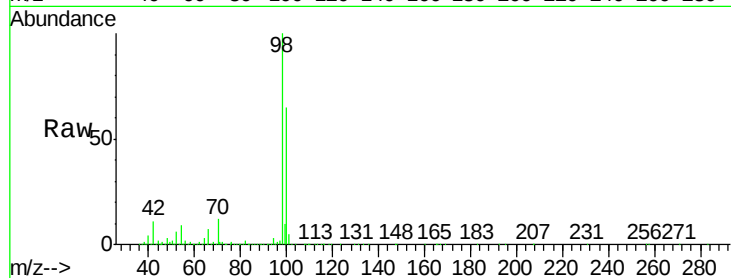
STORAGEBLANK-SOILREF-6

Tot Ion: 98 Resp: 960005

Ion Ratio Lower Upper

98 100

100 64.6 52.2 78.4



#62

4-Bromofluorobenzene

Concen: 44.898 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX018153.D

Acq: 31 Aug 2020 17:25

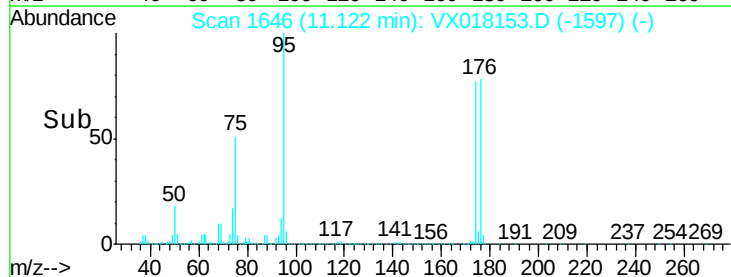
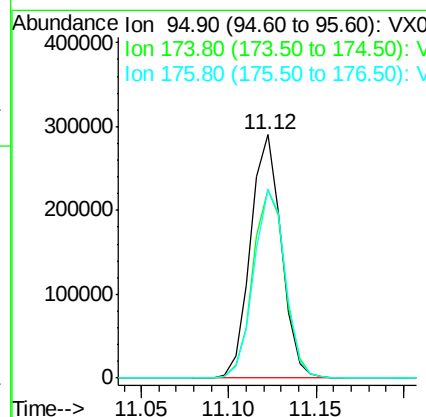
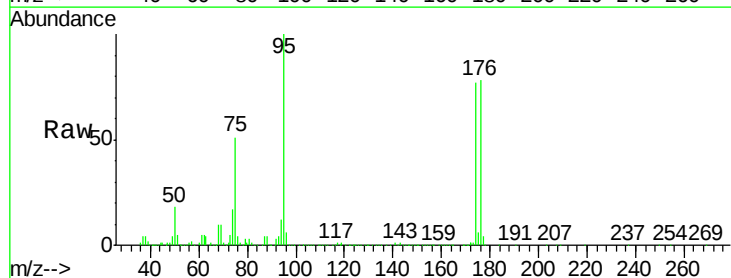
Tgt Ion: 95 Resp: 355807

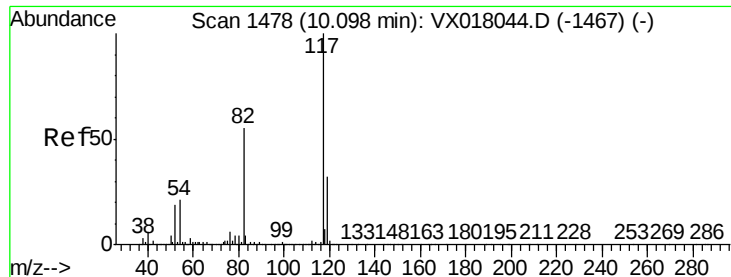
Ion Ratio Lower Upper

95 100

174 80.6 0.0 160.2

176 79.1 0.0 155.8

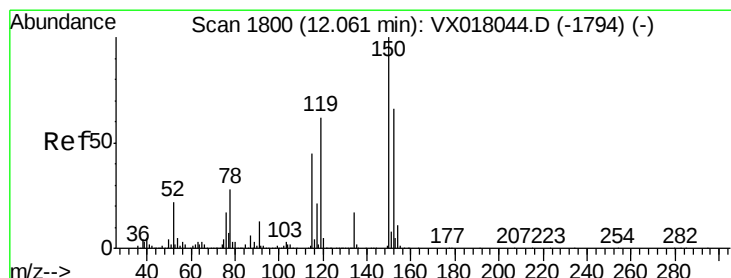
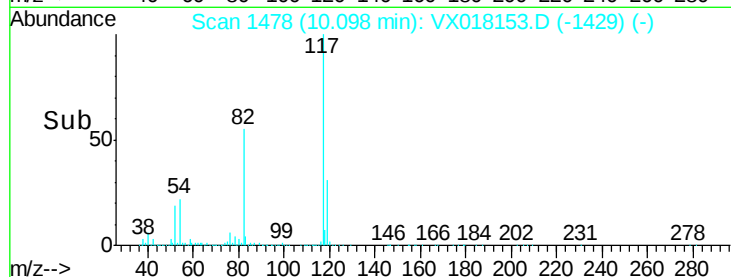
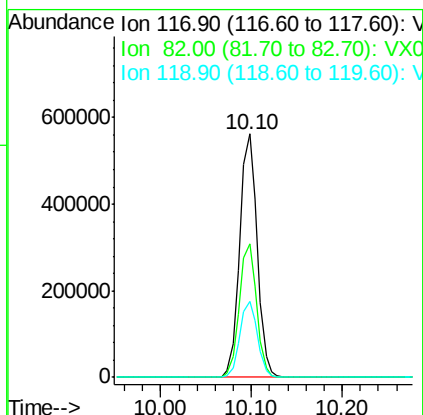
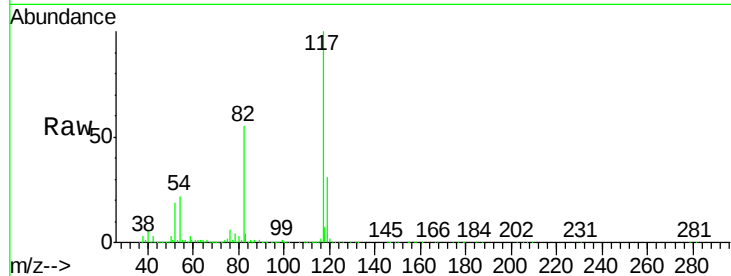




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX018153.D
Acq: 31 Aug 2020 17:25

Instrument :
MSVOA_X
ClientSampleId :
STORAGEBLANK-SOILREF-6

Tot Ion:117 Resp: 750750
Ion Ratio Lower Upper
117 100
82 55.0 44.2 66.2
119 31.1 25.7 38.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1800
Delta R.T. -0.00 min
Lab File: VX018153.D
Acq: 31 Aug 2020 17:25

Tgt Ion:152 Resp: 353406
Ion Ratio Lower Upper
152 100
115 61.2 41.5 124.5
150 161.5 0.0 343.8

