

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX082120\
 Data File : VX018054.D
 Acq On : 21 Aug 2020 13:28
 Operator : JC/SP
 Sample : L3692-01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 STORAGE BLANK-SOILREF-6

Quant Time: Aug 22 00:10:49 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	5.63	168	607287	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	987381	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	900070	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	421053	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.04	65	412567	48.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.88%	
35) Dibromofluoromethane	5.46	113	335391	49.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.76%	
50) Toluene-d8	8.70	98	1192682	47.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.24%	
62) 4-Bromofluorobenzene	11.12	95	437802	44.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.86%	

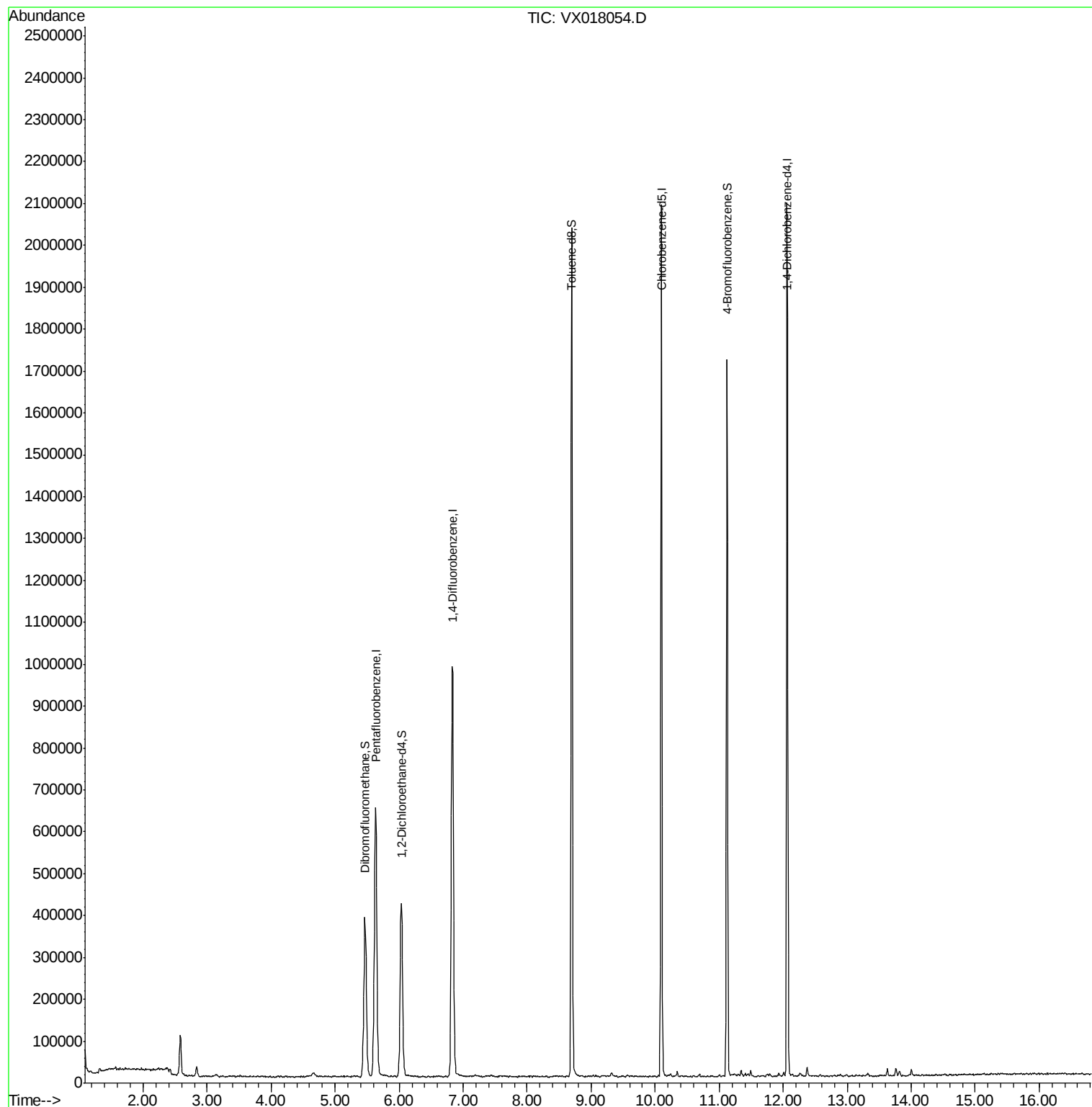
Target Compounds	Qvalue
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 746

Delta R.T. 0.01 min

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Instrument :

MSVOA_X

ClientSampleId :

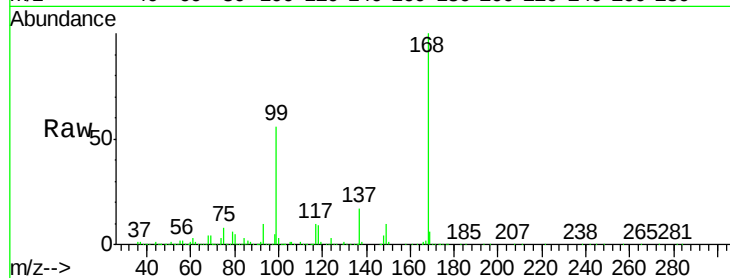
STORAGEBLANK-SOILREF-6

Tot Ion:168 Resp: 607287

Ion Ratio Lower Upper

168 100

99 56.0 46.3 69.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.63

250000

200000

150000

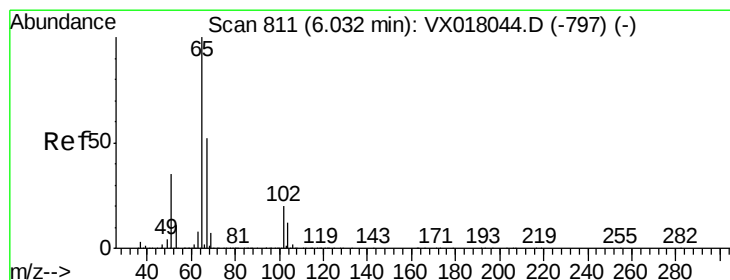
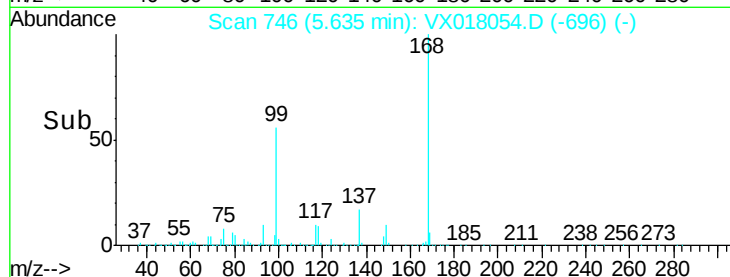
100000

50000

0

Time-->

5.50 5.60 5.70 5.80



#33

1,2-Dichloroethane-d4

Concen: 48.936 ug/l

RT: 6.04 min Scan# 812

Delta R.T. 0.01 min

Lab File: VX018054.D

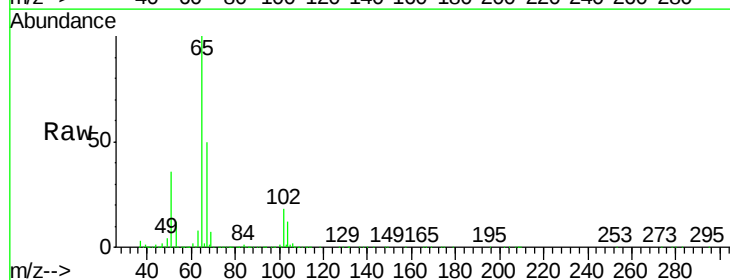
Acq: 21 Aug 2020 13:28

Tgt Ion: 65 Resp: 412567

Ion Ratio Lower Upper

65 100

67 51.9 0.0 105.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.04

150000

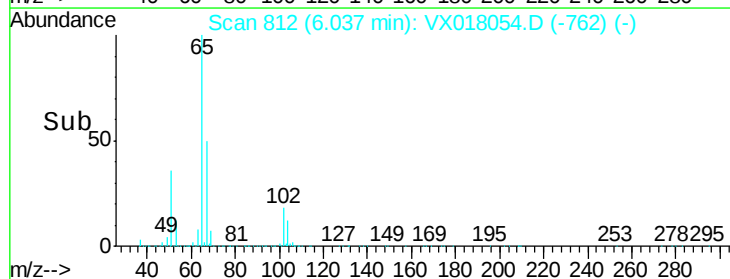
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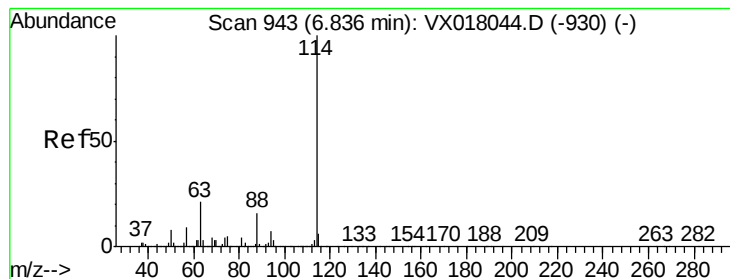
50000

0

Time-->

5.90 6.00 6.10 6.20





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.84 min Scan# 943

Delta R.T. -0.00 min

Lab File: VX018054.D

Acq: 21 Aug 2020 13:28

Instrument :

MSVOA_X

ClientSampleId :

STORAGEBLANK-SOILREF-6

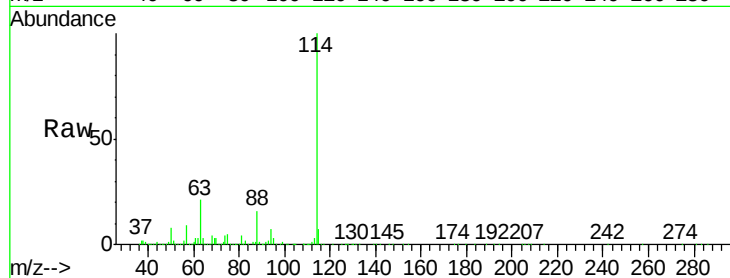
Tot Ion:114 Resp: 987381

Ion Ratio Lower Upper

114 100

63 20.6 0.0 42.6

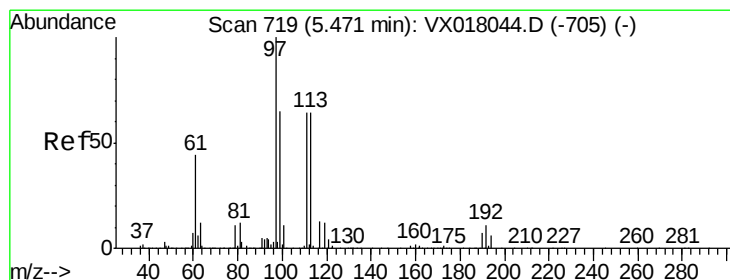
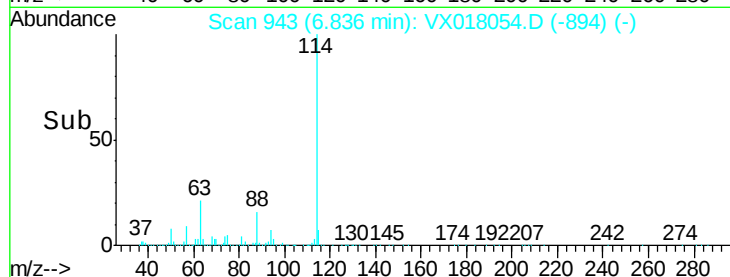
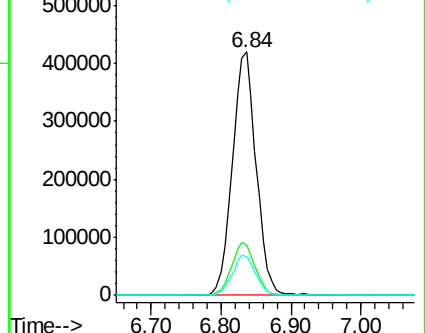
88 15.8 0.0 31.8



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: 49.876 ug/l

RT: 5.46 min Scan# 718

Delta R.T. -0.01 min

Lab File: VX018054.D

Acq: 21 Aug 2020 13:28

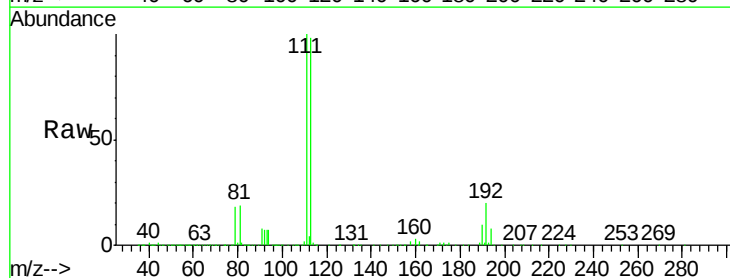
Tgt Ion:113 Resp: 335391

Ion Ratio Lower Upper

113 100

111 101.0 81.6 122.4

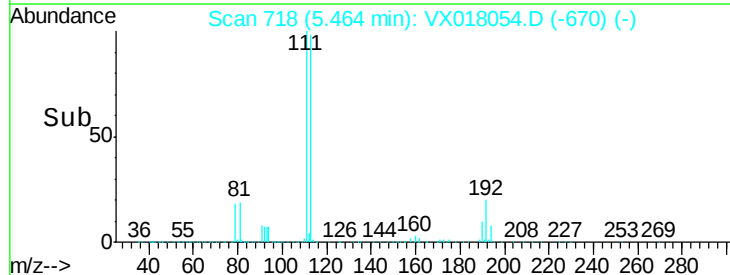
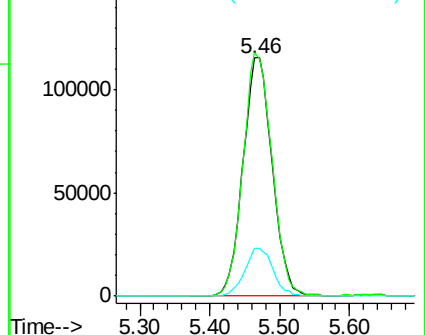
192 19.6 15.8 23.8

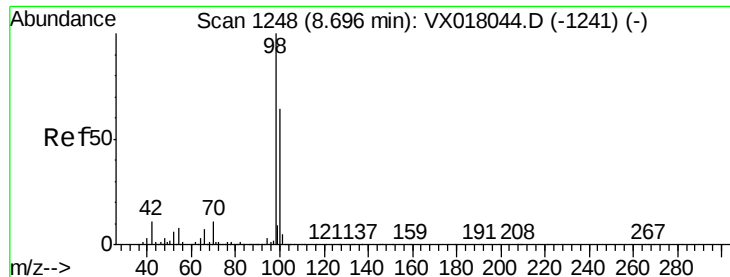


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 47.620 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX018054.D

Acq: 21 Aug 2020 13:28

Instrument :

MSVOA_X

ClientSampleId :

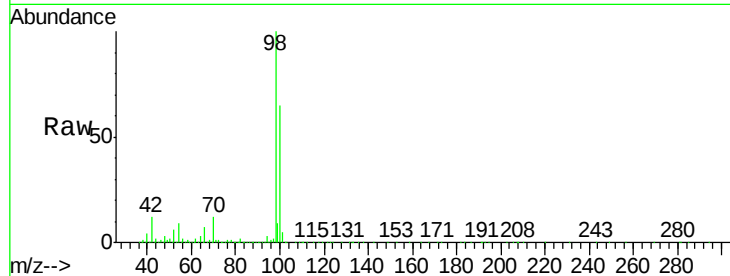
STORAGEBLANK-SOILREF-6

Tot Ion: 98 Resp: 1192682

Ion Ratio Lower Upper

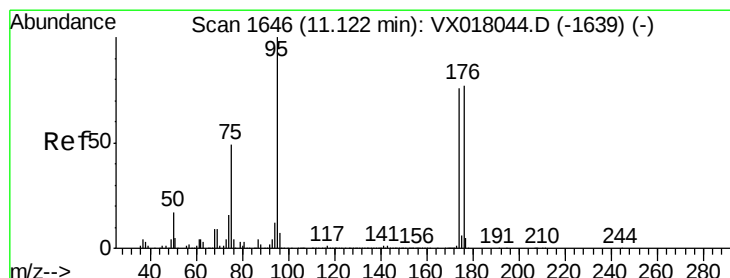
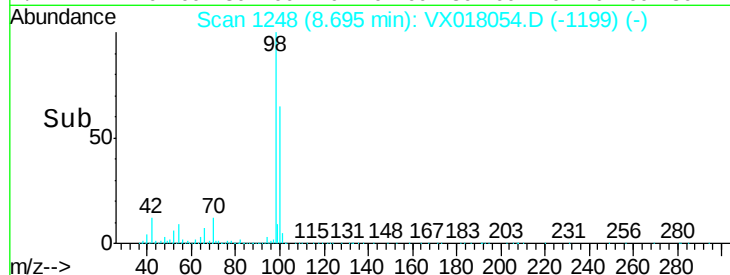
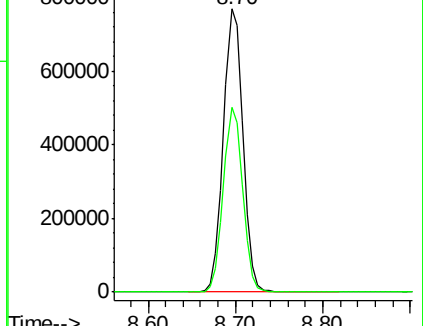
98 100

100 64.6 52.2 78.4



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX



#62

4-Bromofluorobenzene

Concen: 44.429 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX018054.D

Acq: 21 Aug 2020 13:28

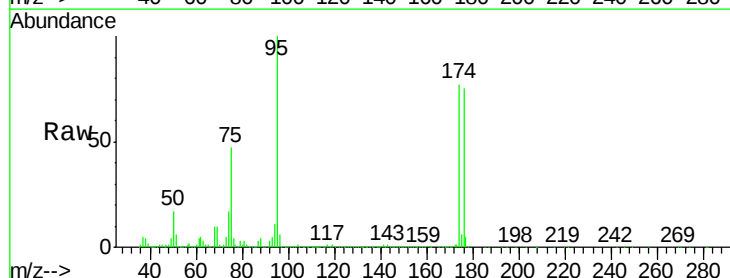
Tgt Ion: 95 Resp: 437802

Ion Ratio Lower Upper

95 100

174 79.2 0.0 160.2

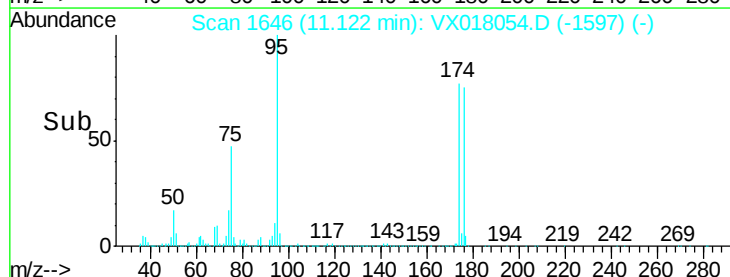
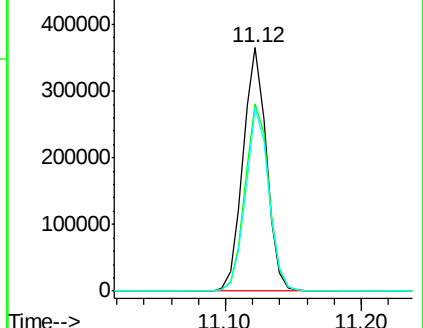
176 75.1 0.0 155.8

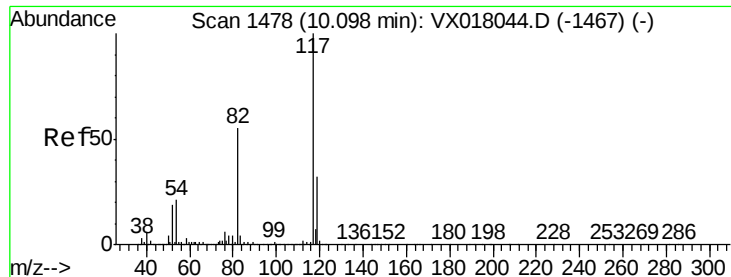


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

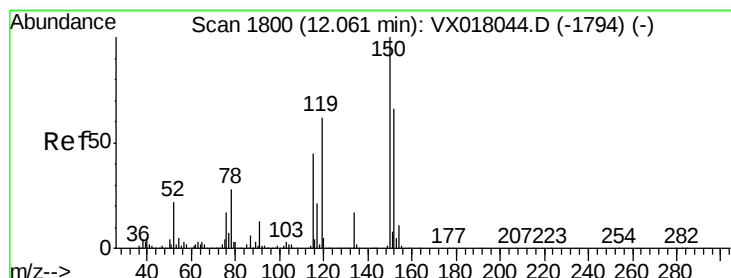
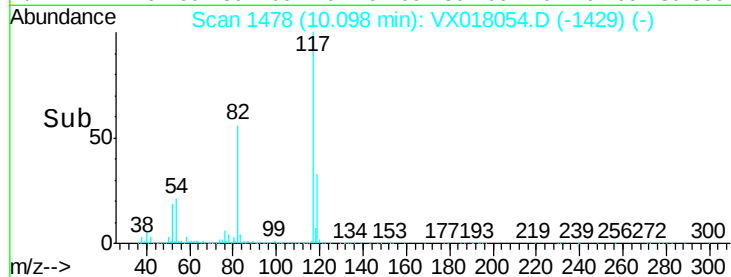
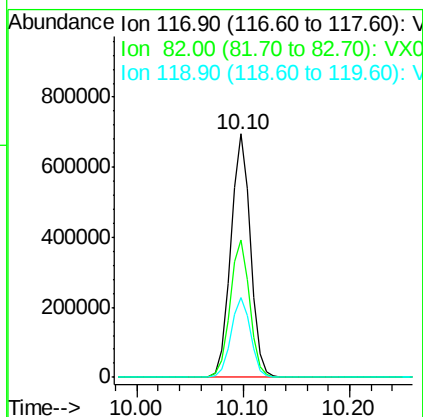
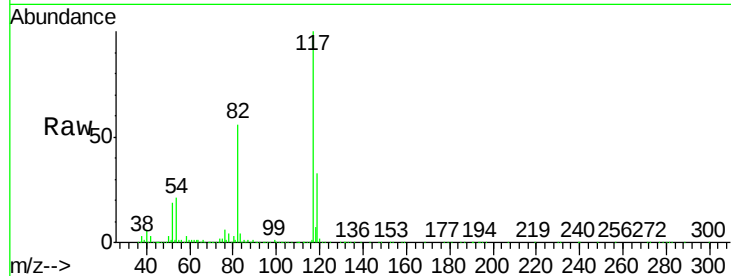




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX018054.D
Acq: 21 Aug 2020 13:28

Instrument :
MSVOA_X
ClientSampleId :
STORAGEBLANK-SOILREF-6

Tot Ion	Ratio	Lower	Upper
117	100		
82	56.4	44.2	66.2
119	32.9	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: VX018054.D
Acq: 21 Aug 2020 13:28

Tgt Ion	Ratio	Lower	Upper
152	100		
115	59.1	41.5	124.5
150	157.4	0.0	343.8

