

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061520\
 Data File : VX016756.D
 Acq On : 15 Jun 2020 16:10
 Operator : JC/SP
 Sample : L3000-01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 14 Sample Multiplier: 1

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

Quant Time: Jun 16 03:38:14 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061520W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 16 02:02:35 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	239008	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	380629	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	383828	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	197403	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	134517	50.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.08%	
35) Dibromofluoromethane	5.46	113	112390	47.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.72%	
50) Toluene-d8	8.70	98	465425	53.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.50%	
62) 4-Bromofluorobenzene	11.12	95	188691	56.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	113.94%	

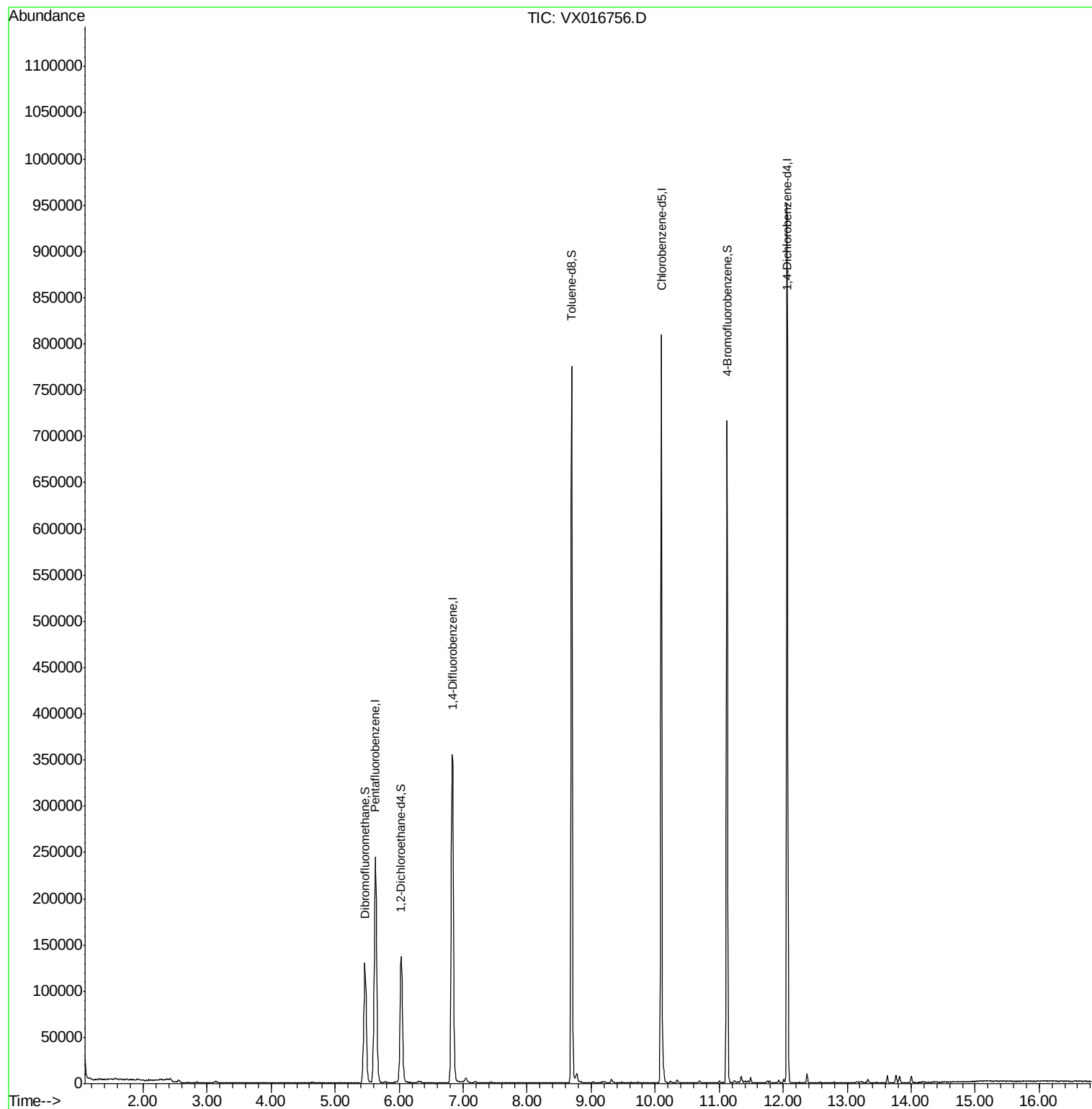
Target Compounds	Qvalue

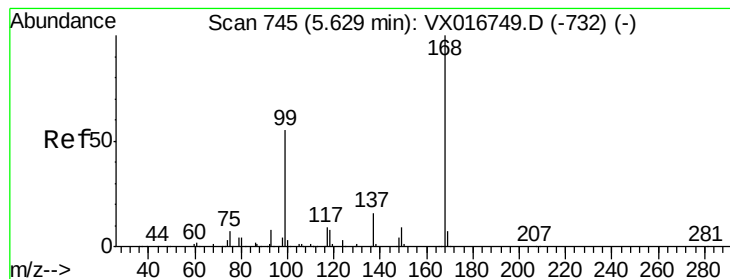
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.00 min

Lab File: VX016756.D

Acq: 15 Jun 2020 16:10

Instrument :

MSVOA_X

ClientSampleId :

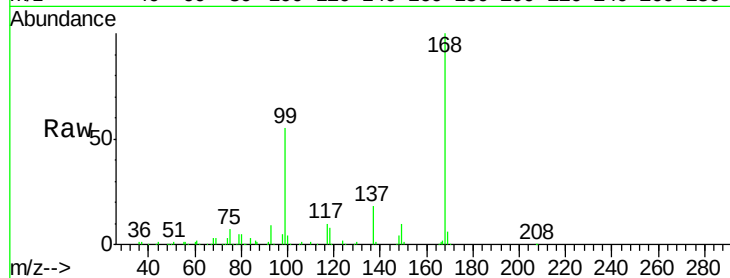
STORAGE-BLANK-SOIL-REF-6

Tot Ion:168 Resp: 239008

Ion Ratio Lower Upper

168 100

99 55.3 43.8 65.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.63

80000

60000

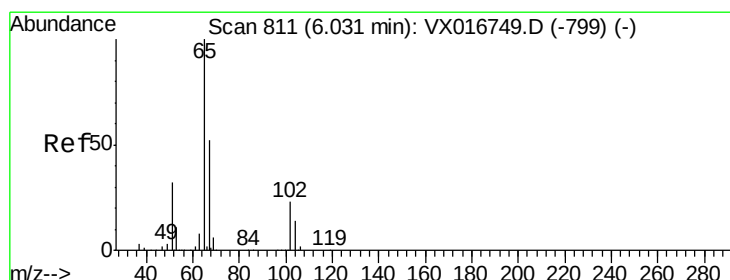
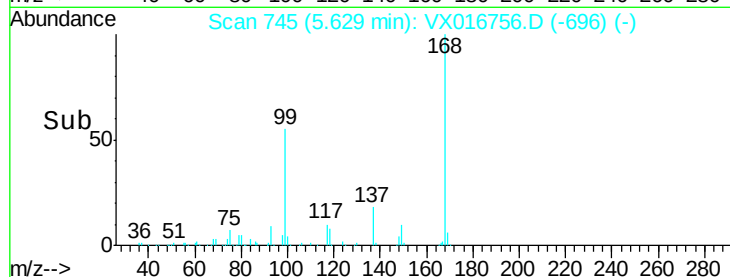
40000

20000

0

Time-->

5.50 5.60 5.70



#33

1,2-Dichloroethane-d4

Concen: 50.039 ug/l

RT: 6.03 min Scan# 811

Delta R.T. 0.00 min

Lab File: VX016756.D

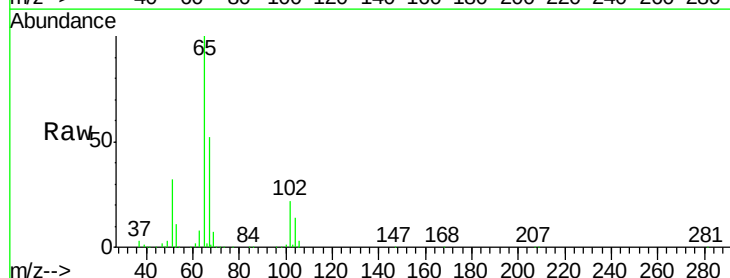
Acq: 15 Jun 2020 16:10

Tgt Ion: 65 Resp: 134517

Ion Ratio Lower Upper

65 100

67 51.3 0.0 103.0



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.03

60000

50000

40000

30000

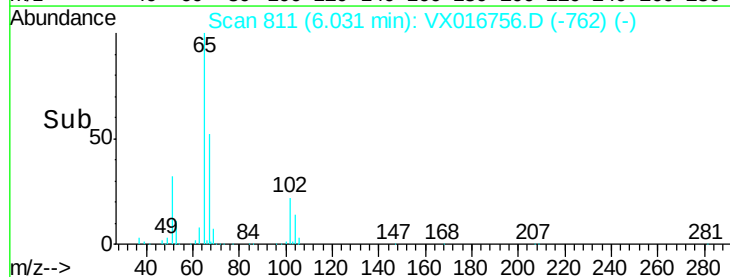
20000

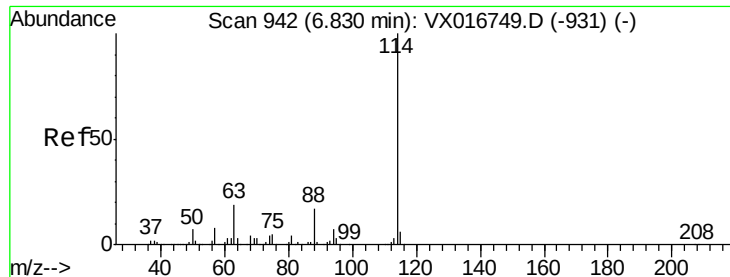
10000

0

Time-->

5.90 6.00 6.10





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.84 min Scan# 943

Delta R.T. 0.01 min

Lab File: VX016756.D

Acq: 15 Jun 2020 16:10

Instrument :

MSVOA_X

ClientSampleId :

STORAGE-BLANK-SOIL-REF-6

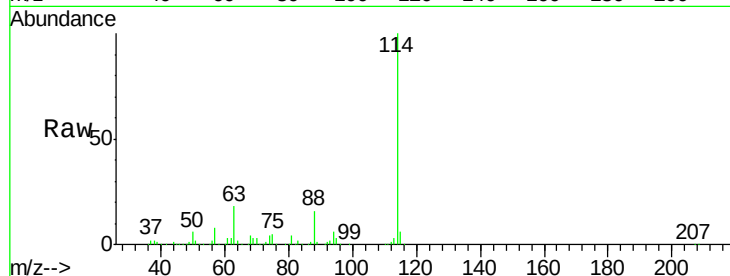
Tot Ion:114 Resp: 380629

Ion Ratio Lower Upper

114 100

63 18.4 0.0 38.8

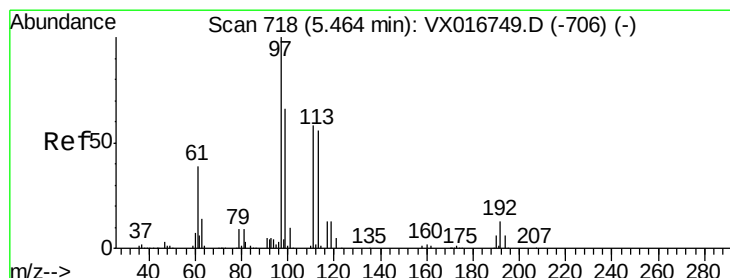
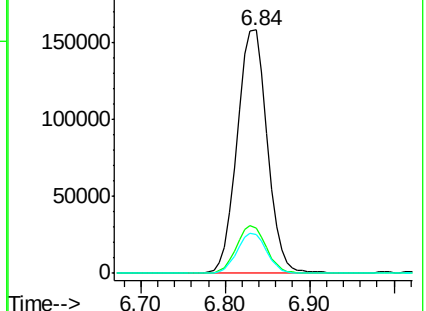
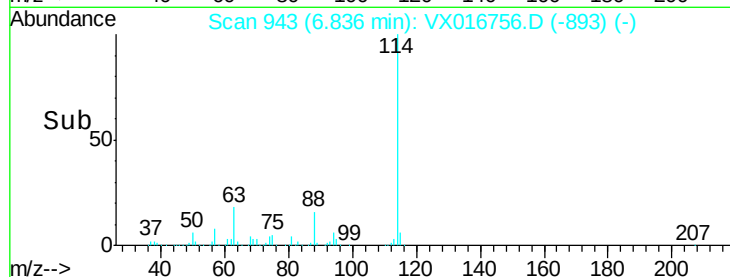
88 15.9 0.0 33.4



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: 47.858 ug/l

RT: 5.46 min Scan# 718

Delta R.T. -0.00 min

Lab File: VX016756.D

Acq: 15 Jun 2020 16:10

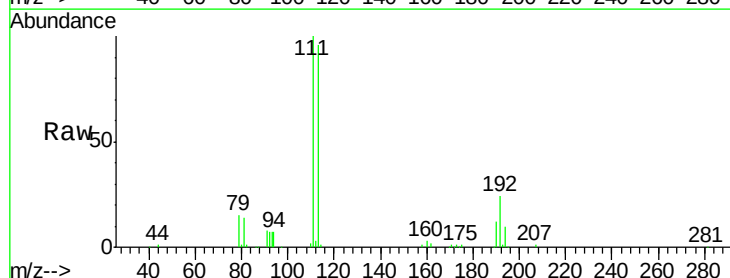
Tgt Ion:113 Resp: 112390

Ion Ratio Lower Upper

113 100

111 103.0 81.8 122.6

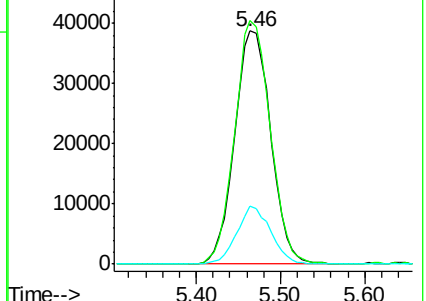
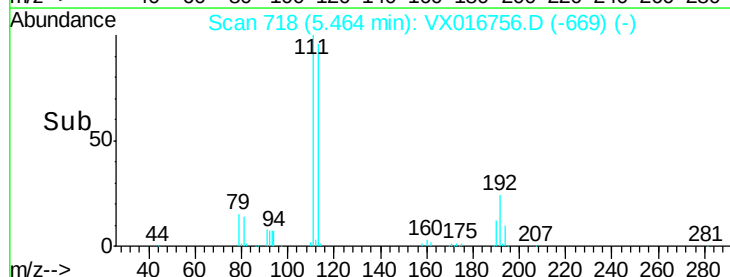
192 23.4 18.2 27.4

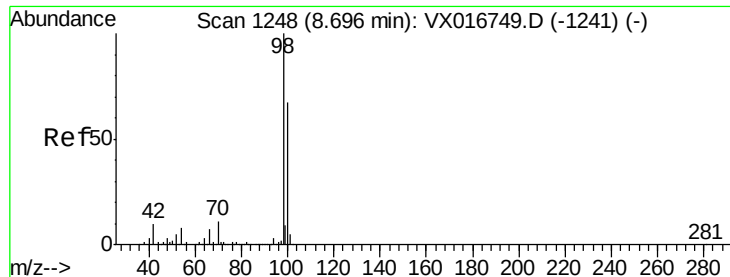


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

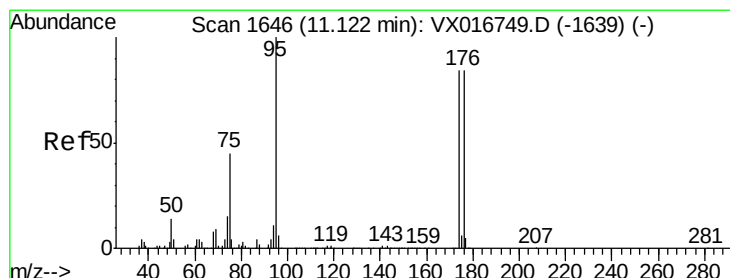
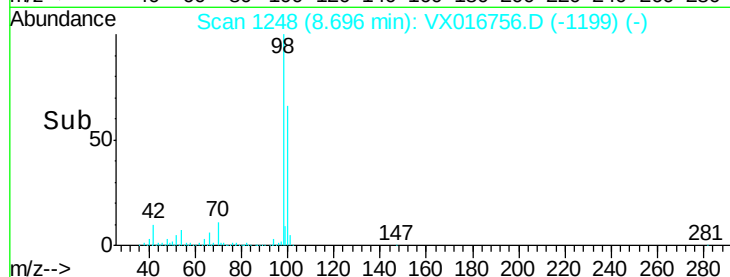
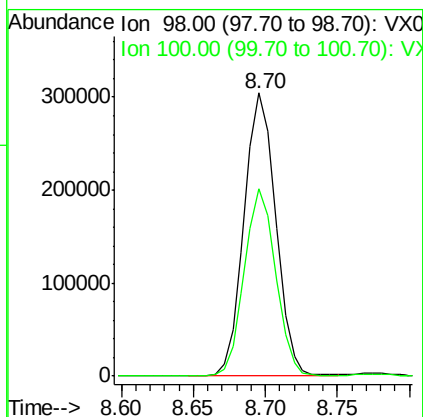
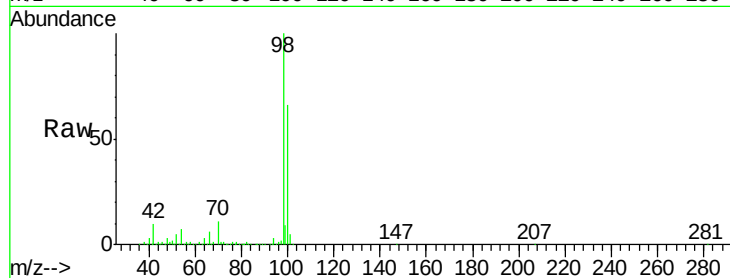




#50
Toluene-d8
Concen: 53.749 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX016756.D
Acq: 15 Jun 2020 16:10

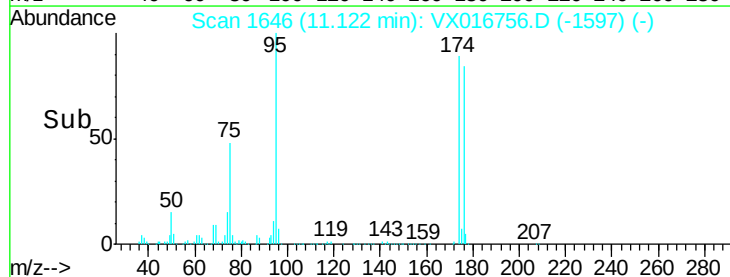
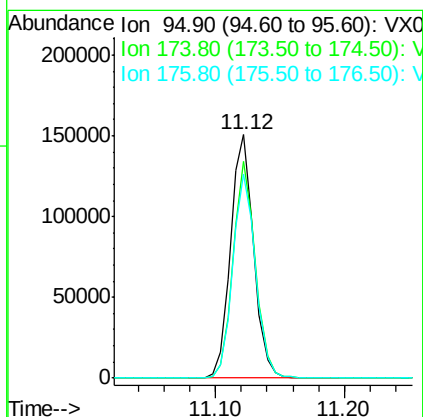
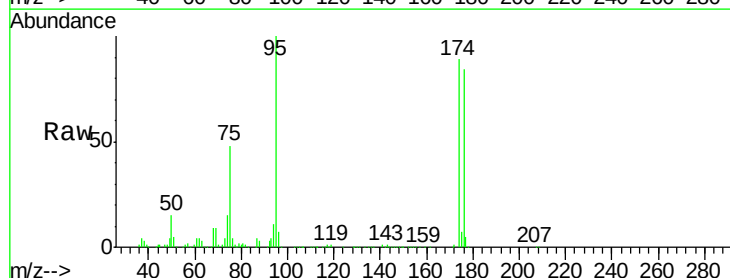
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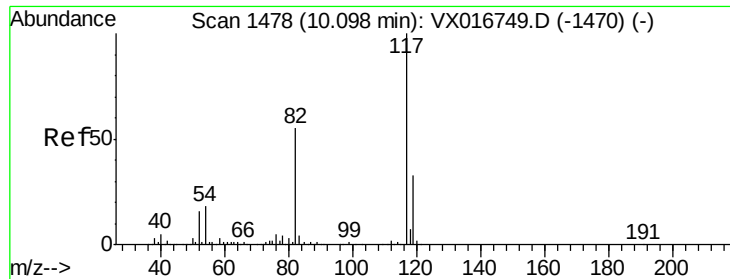
Tot Ion: 98 Resp: 465425
Ion Ratio Lower Upper
98 100
100 65.6 53.9 80.9



#62
4-Bromofluorobenzene
Concen: 56.969 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. -0.00 min
Lab File: VX016756.D
Acq: 15 Jun 2020 16:10

Tgt Ion: 95 Resp: 188691
Ion Ratio Lower Upper
95 100
174 86.1 0.0 171.0
176 83.0 0.0 166.2

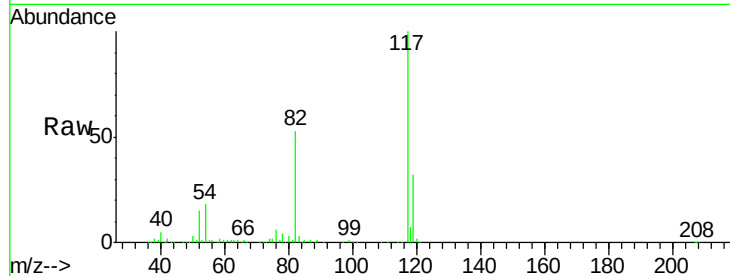




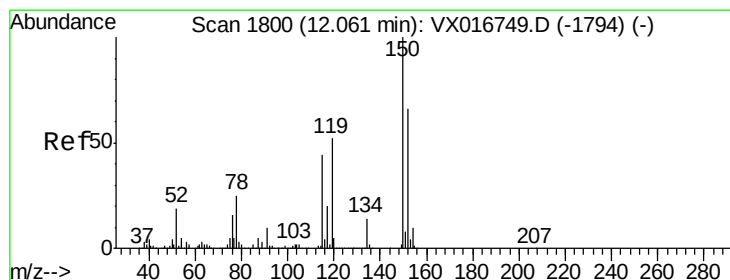
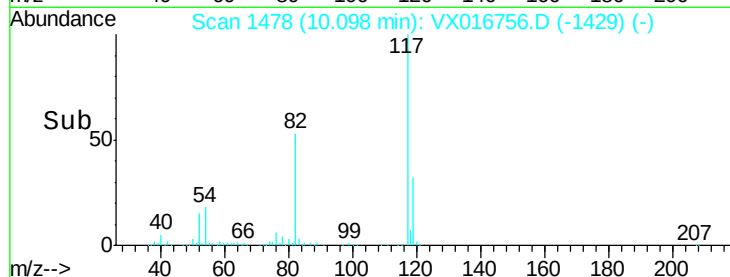
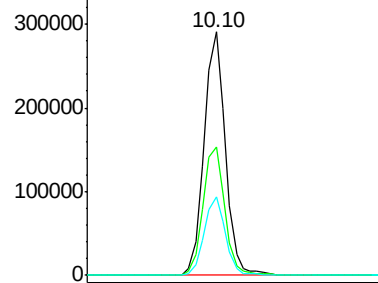
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX016756.D
Acq: 15 Jun 2020 16:10

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

Tot Ion:117 Resp: 383828
Ion Ratio Lower Upper
117 100
82 53.0 43.8 65.6
119 32.3 26.2 39.4

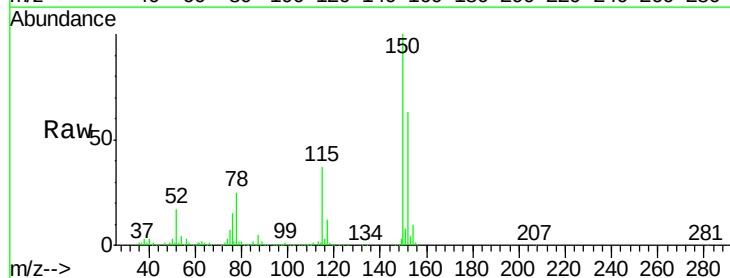


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1800
Delta R.T. -0.00 min
Lab File: VX016756.D
Acq: 15 Jun 2020 16:10

Tgt Ion:152 Resp: 197403
Ion Ratio Lower Upper
152 100
115 58.8 40.3 120.8
150 158.7 0.0 337.4



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V

