

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF072318\
 Data File : VF059628.D
 Acq On : 23 Jul 2018 21:49
 Operator : VA/AP
 Sample : J4099-08
 Misc : 5.69g/5mL/MSVOA F/SOIL
 ALS Vial : 99 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 GL-TOPSOIL-08

Quant Time: Jul 24 08:41:45 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F072318S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 24 04:17:55 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.03	168	206942	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.75	114	274017	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.91	117	206608	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.63	152	69998	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.01	65	55584	17.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	34.14%	
35) Dibromofluoromethane	4.28	113	49332	19.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	39.02%	
50) Toluene-d8	7.70	98	87196	13.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	27.54%	
62) 4-Bromofluorobenzene	11.51	95	36913	10.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	20.20%	

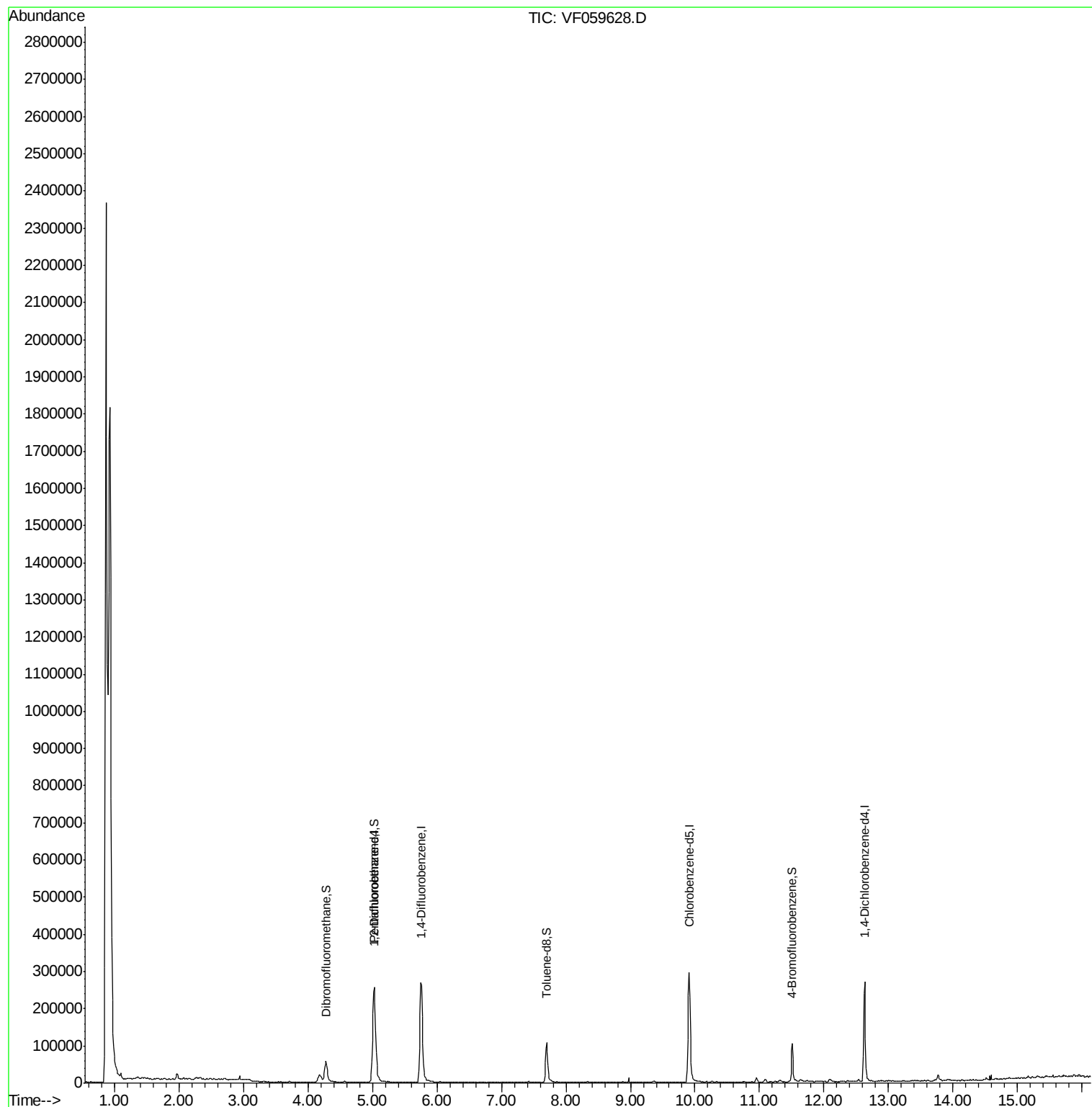
Target Compounds	Qvalue
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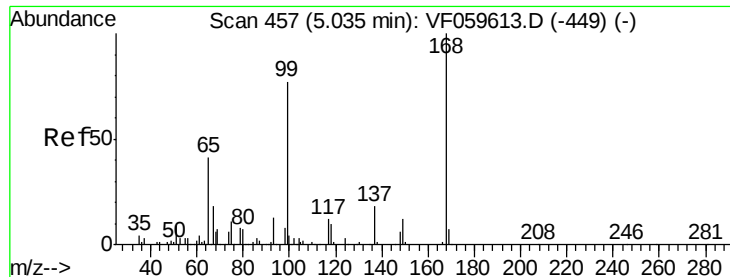
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.03 min Scan# 456

Delta R.T. -0.00 min

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Instrument :

MSVOA_F

ClientSampleId :

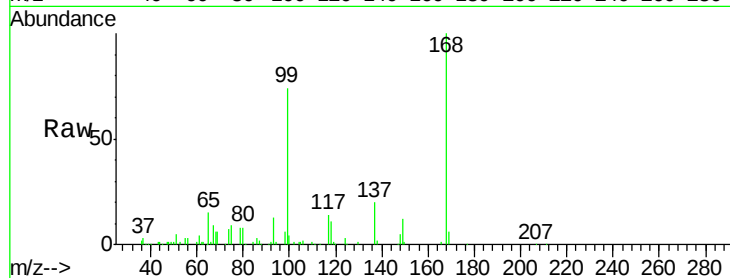
GL-TOPSOIL-08

Tot Ion:168 Resp: 206942

Ion Ratio Lower Upper

168 100

99 74.3 61.5 92.3



Abundance Ion 168.00 (167.70 to 168.70): V

Ion 99.00 (98.70 to 99.70): VF0

5.03

60000

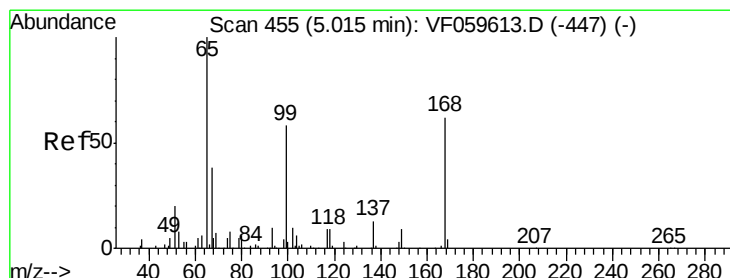
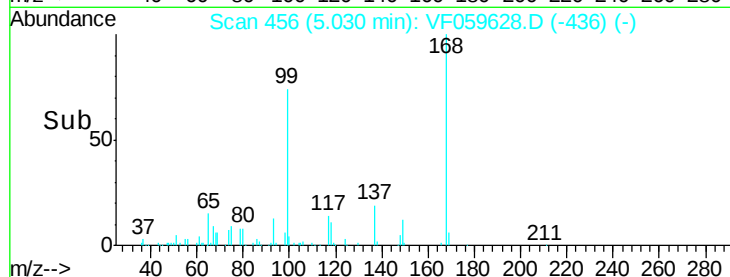
40000

20000

0

Time-->

4.90 5.00 5.10 5.20



#33

1,2-Dichloroethane-d4

Concen: 17.07 ug/l

RT: 5.01 min Scan# 454

Delta R.T. -0.00 min

Lab File: VF059628.D

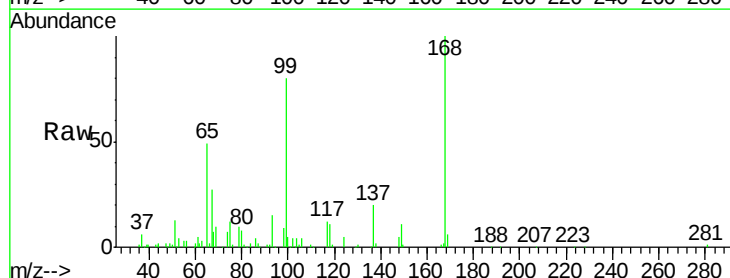
Acq: 23 Jul 2018 21:49

Tgt Ion: 65 Resp: 55584

Ion Ratio Lower Upper

65 100

67 54.4 0.0 83.8



Abundance Ion 65.00 (64.70 to 65.70): VF0

Ion 67.00 (66.70 to 67.70): VF0

5.01

20000

15000

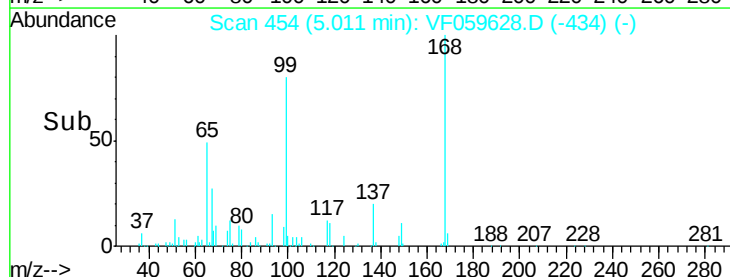
10000

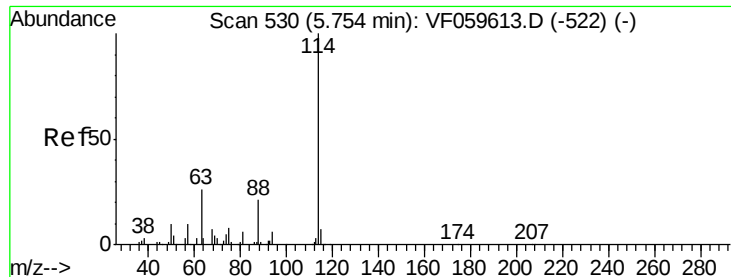
5000

0

Time-->

4.90 5.00 5.10





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 5.75 min Scan# 529

Delta R.T. -0.00 min

Lab File: VF059628.D

Acq: 23 Jul 2018 21:49

Instrument :

MSVOA_F

ClientSampleId :

GL-TOPSOIL-08

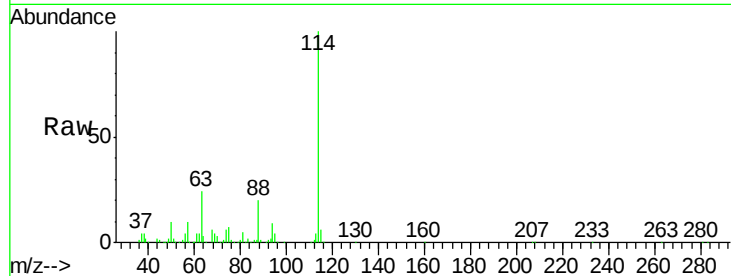
Tot Ion:114 Resp: 274017

Ion Ratio Lower Upper

114 100

63 24.2 0.0 51.8

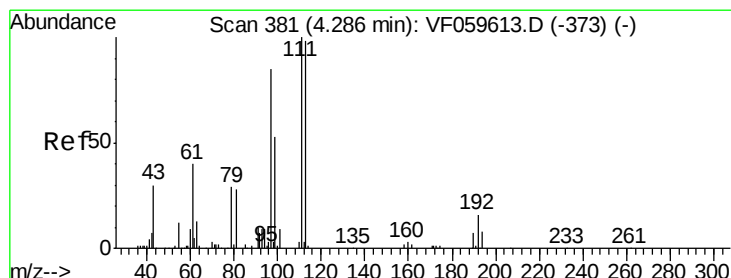
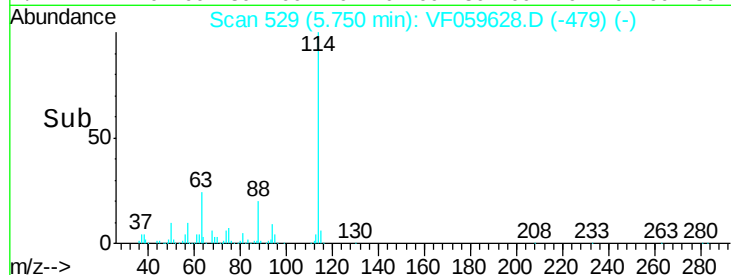
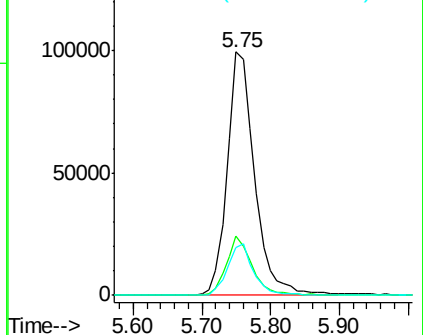
88 19.7 0.0 42.8



Abundance Ion 114.00 (113.70 to 114.70): V

Ion 63.00 (62.70 to 63.70): VF0

Ion 88.00 (87.70 to 88.70): VF0



#35

Dibromofluoromethane

Concen: 19.51 ug/l

RT: 4.28 min Scan# 380

Delta R.T. -0.00 min

Lab File: VF059628.D

Acq: 23 Jul 2018 21:49

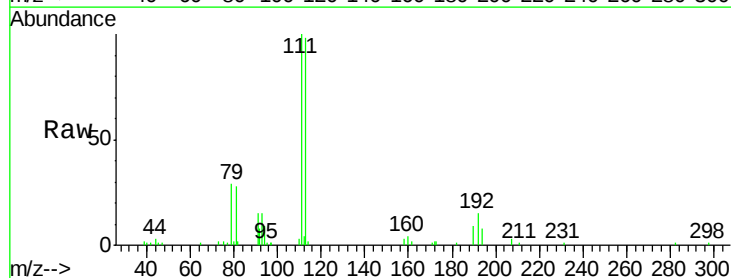
Tgt Ion:113 Resp: 49332

Ion Ratio Lower Upper

113 100

111 101.7 81.5 122.3

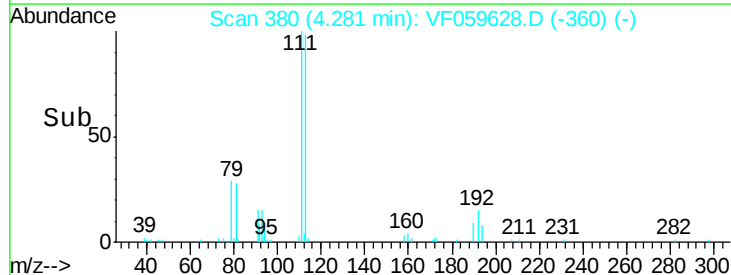
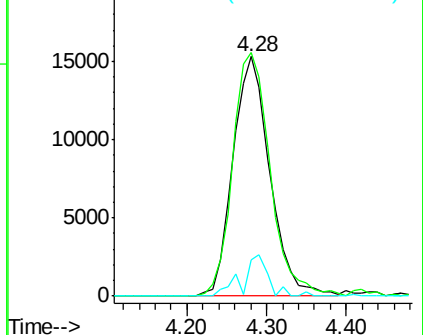
192 15.1 13.4 20.2

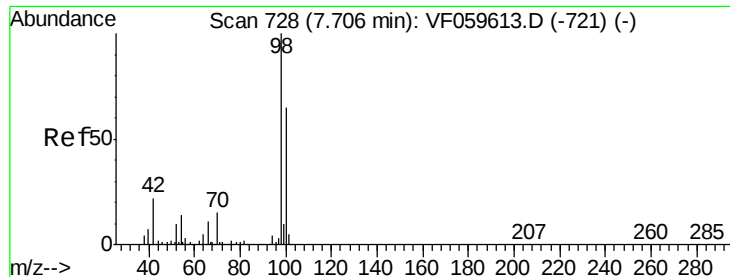


Abundance Ion 113.00 (112.70 to 113.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 192.00 (191.70 to 192.70): V





#50

Toluene-d8

Concen: 13.77 ug/l

RT: 7.70 min Scan# 727

Delta R.T. -0.00 min

Lab File: VF059628.D

Acq: 23 Jul 2018 21:49

Instrument :

MSVOA_F

ClientSampleId :

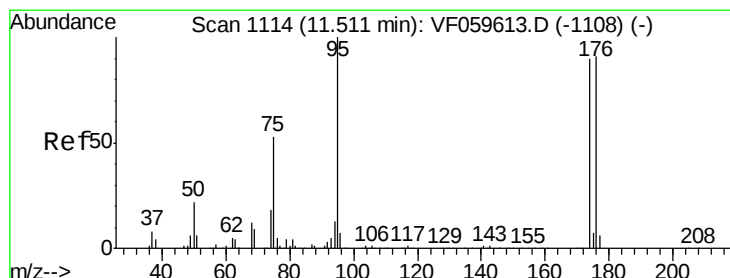
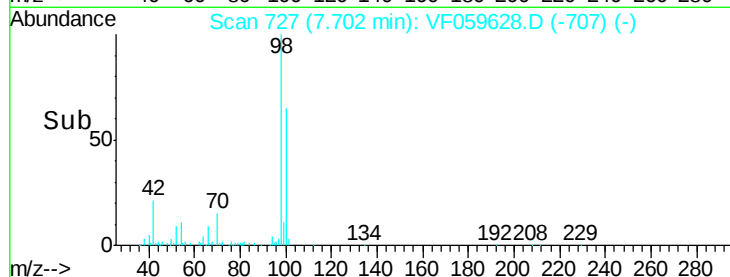
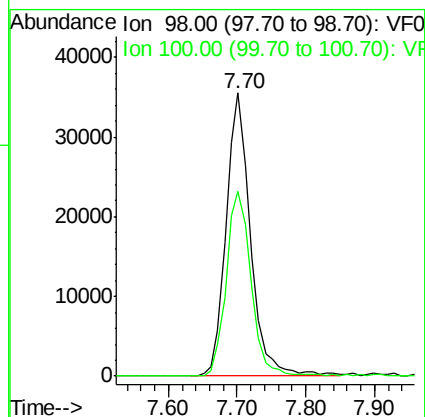
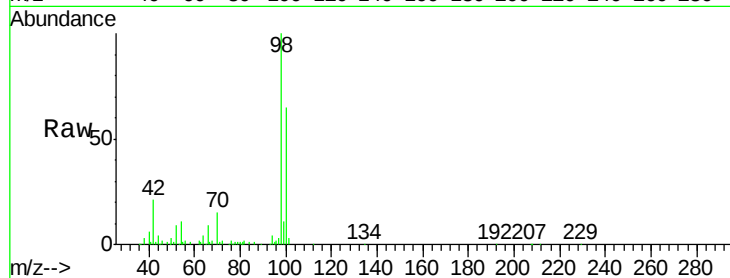
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Tot Ion: 98 Resp: 87196

Ion Ratio Lower Upper

98 100

100 65.4 51.6 77.4



#62

4-Bromofluorobenzene

Concen: 10.10 ug/l

RT: 11.51 min Scan# 1113

Delta R.T. -0.00 min

Lab File: VF059628.D

Acq: 23 Jul 2018 21:49

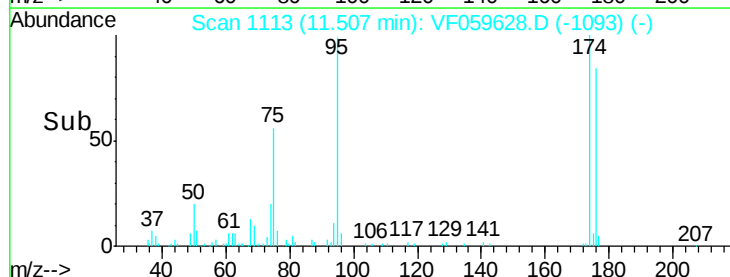
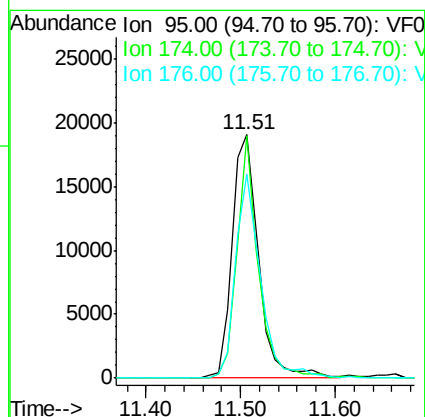
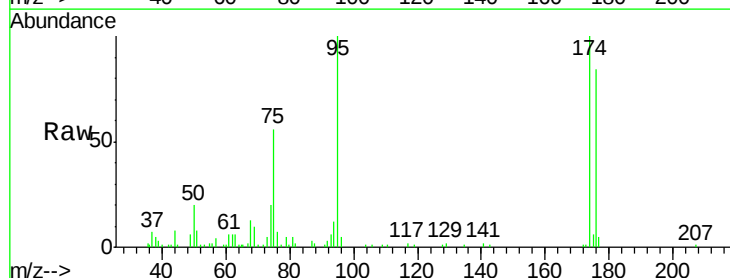
Tgt Ion: 95 Resp: 36913

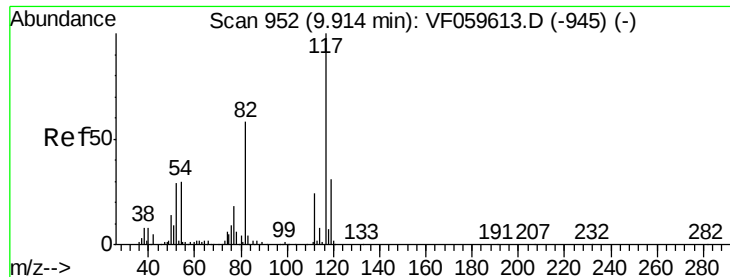
Ion Ratio Lower Upper

95 100

174 99.7 0.0 180.6

176 83.8 0.0 182.4

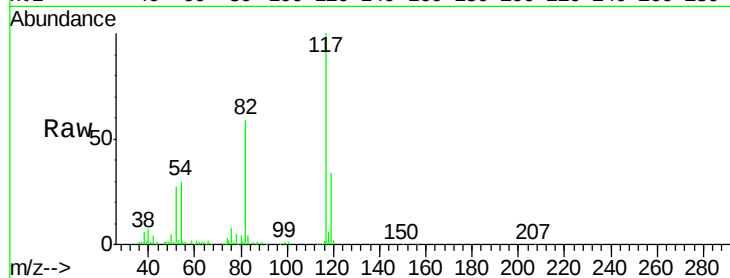




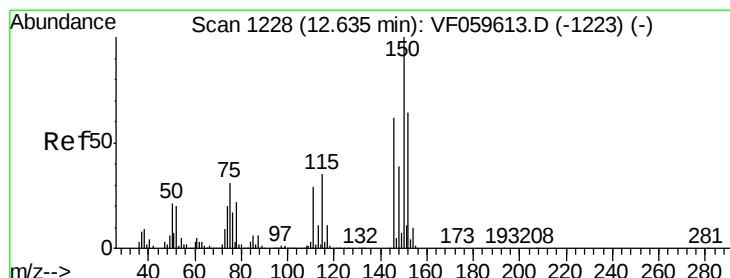
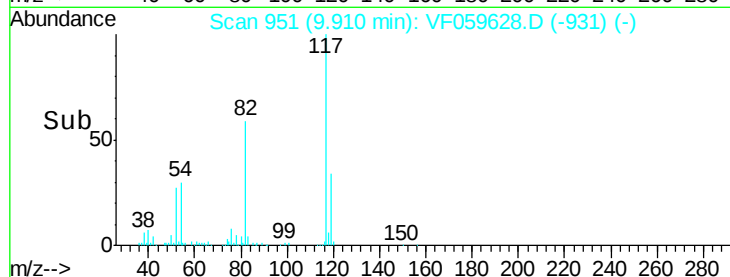
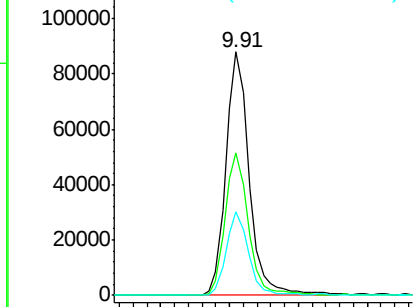
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.91 min Scan# 951
Delta R.T. -0.00 min
Lab File: VF059628.D
Acq: 23 Jul 2018 21:49

Instrument :
MSVOA_F
ClientSampleId :
GL-TOPSOIL-08

Tot Ion	Ratio	Lower	Upper
117	100		
82	58.5	46.5	69.7
119	34.4	24.4	36.6

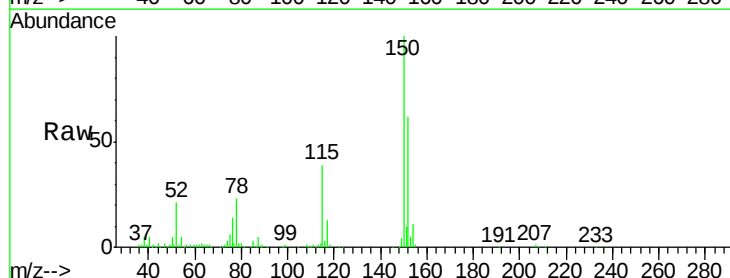


Abundance Ion 117.00 (116.70 to 117.70): V
Ion 82.00 (81.70 to 82.70): V
Ion 119.00 (118.70 to 119.70): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.63 min Scan# 1227
Delta R.T. -0.00 min
Lab File: VF059628.D
Acq: 23 Jul 2018 21:49

Tgt Ion	Ratio	Lower	Upper
152	100		
115	63.3	27.8	83.4
150	160.9	0.0	314.6



Abundance Ion 152.00 (151.70 to 152.70): V
Ion 115.00 (114.70 to 115.70): V
Ion 150.00 (149.70 to 150.70): V

