

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF072318\
 Data File : VF059629.D
 Acq On : 23 Jul 2018 22:17
 Operator : VA/AP
 Sample : J4099-09
 Misc : 6.30g/5mL/MSVOA F/SOIL
 ALS Vial : 100 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 GL-TOPSOIL-09

Quant Time: Jul 24 08:48:01 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	204868	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.75	114	293462	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.91	117	192828	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.62	152	56546	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	5.01	65	100171	31.07	ug/l	0.00
Spiked Amount 50.000			Recovery	=	62.14%	
35) Dibromofluoromethane	4.29	113	83768	30.94	ug/l	0.00
Spiked Amount 50.000			Recovery	=	61.88%	
50) Toluene-d8	7.70	98	164064	24.20	ug/l	0.00
Spiked Amount 50.000			Recovery	=	48.40%	
62) 4-Bromofluorobenzene	11.50	95	53983	13.79	ug/l	0.00
Spiked Amount 50.000			Recovery	=	27.58%	

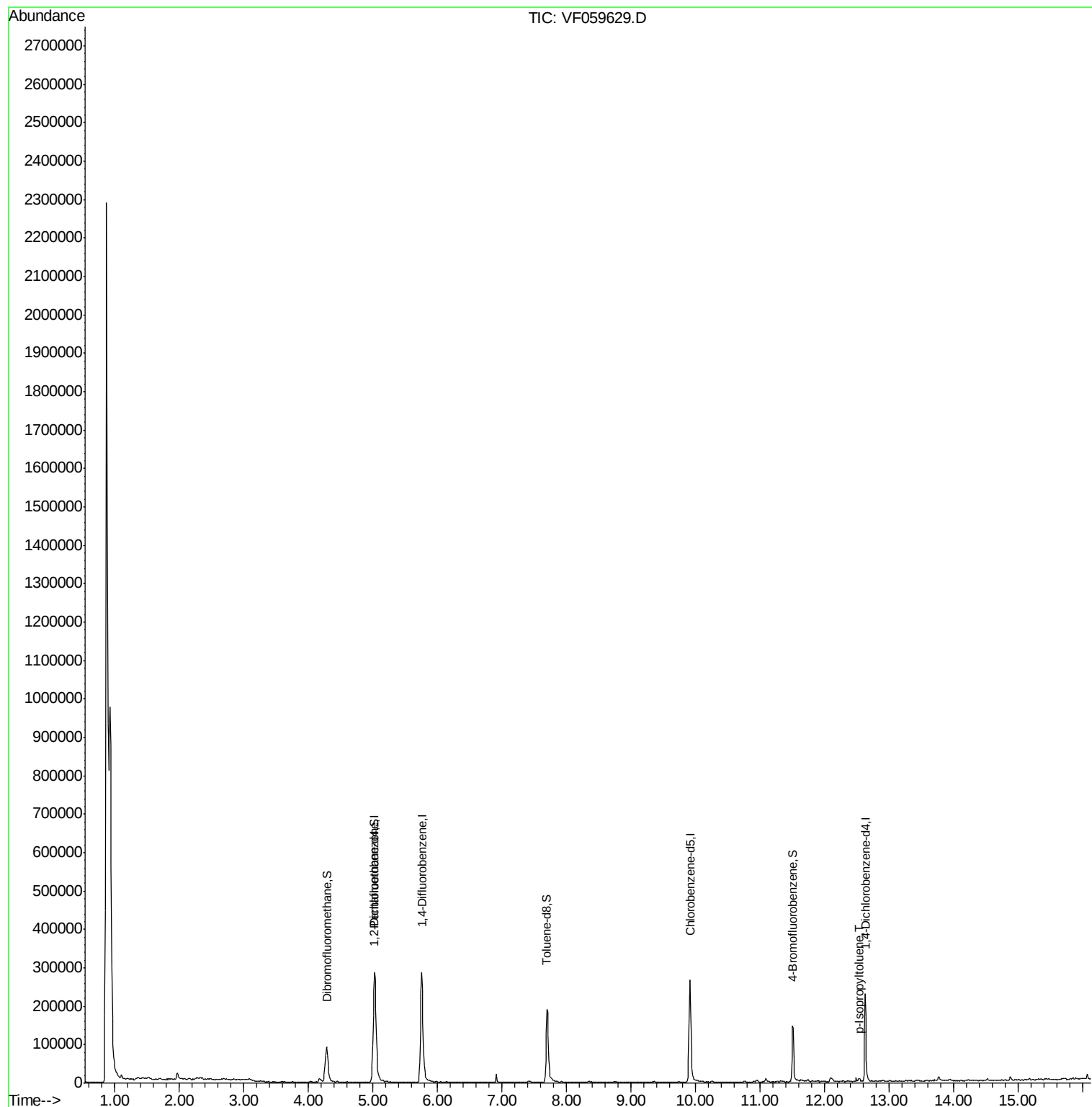
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
86) p-Isopropyltoluene	12.54	119	4474	1.24	ug/l	85

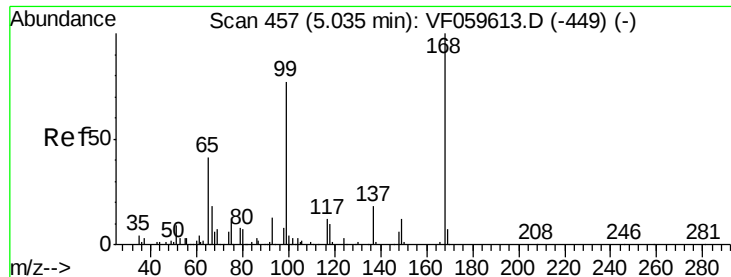
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_F\METHODS\82F072318S.M
Quant Title : SW846 8260
QLast Update : Tue Jul 24 04:17:55 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.03 min Scan# 457

Delta R.T. 0.00 min

Lab File: VF059629.D

Acq: 23 Jul 2018 22:17

Instrument :

MSVOA_F

ClientSampleId :

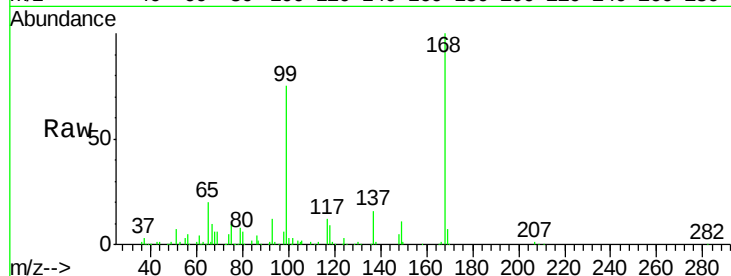
GL-TOPSOIL-09

Tot Ion:168 Resp: 204868

Ion Ratio Lower Upper

168 100

99 74.8 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

80000

60000

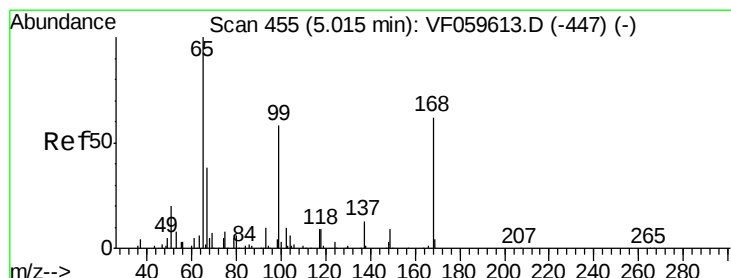
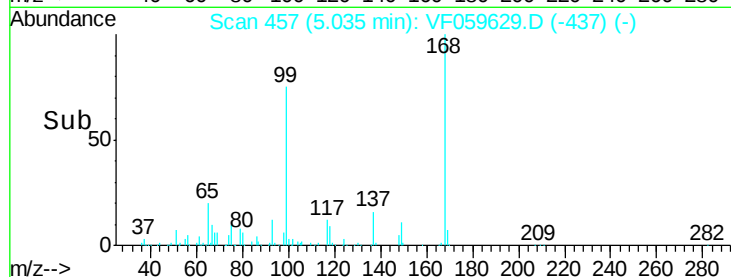
40000

20000

0

Time-->

4.90 5.00 5.10 5.20



#33

1,2-Dichloroethane-d4

Concen: 31.07 ug/l

RT: 5.01 min Scan# 454

Delta R.T. -0.01 min

Lab File: VF059629.D

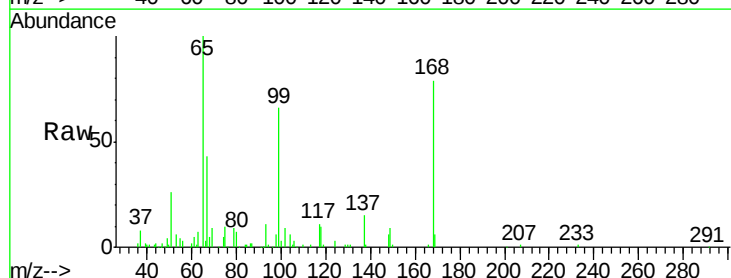
Acq: 23 Jul 2018 22:17

Tgt Ion: 65 Resp: 100171

Ion Ratio Lower Upper

65 100

67 42.9 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

30000

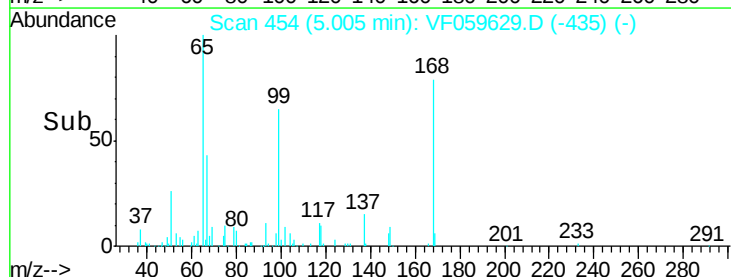
20000

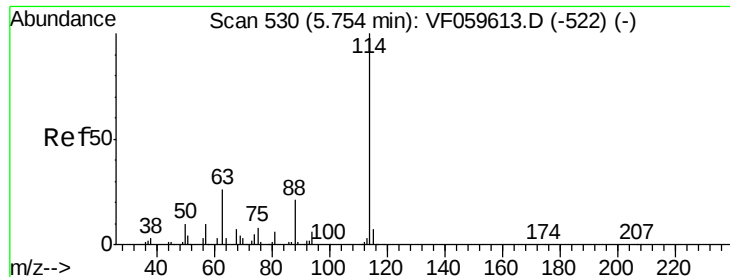
10000

0

Time-->

4.90 5.00 5.10





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 5.75 min Scan# 530

Delta R.T. 0.00 min

Lab File: VF059629.D

Acq: 23 Jul 2018 22:17

Instrument :

MSVOA_F

ClientSampleId :

GL-TOPSOIL-09

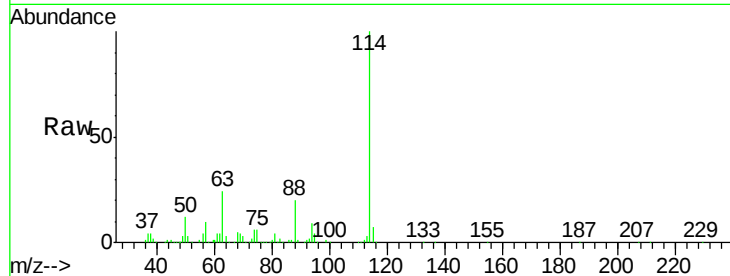
Tot Ion:114 Resp: 293462

Ion Ratio Lower Upper

114 100

63 24.0 0.0 51.8

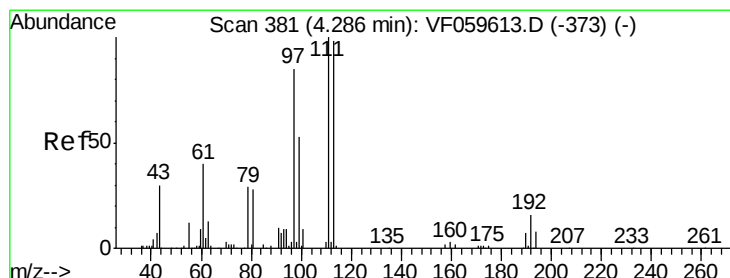
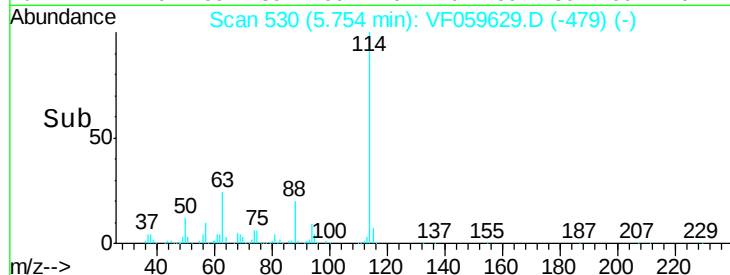
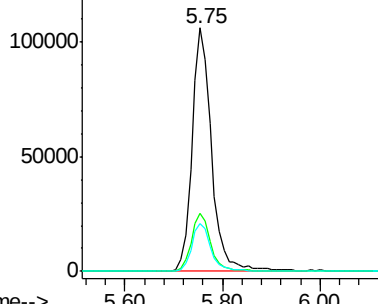
88 19.9 0.0 42.8



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: 30.94 ug/l

RT: 4.29 min Scan# 381

Delta R.T. 0.00 min

Lab File: VF059629.D

Acq: 23 Jul 2018 22:17

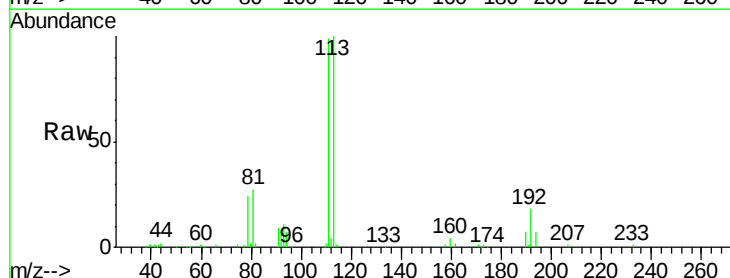
Tgt Ion:113 Resp: 83768

Ion Ratio Lower Upper

113 100

111 98.6 81.5 122.3

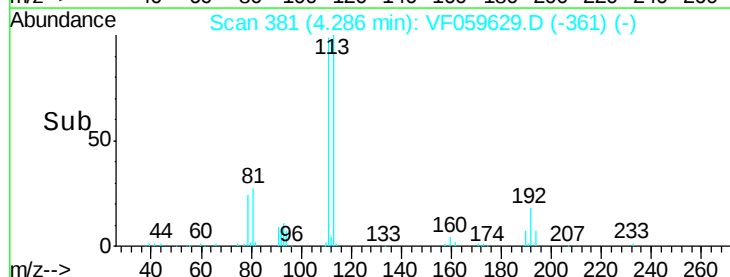
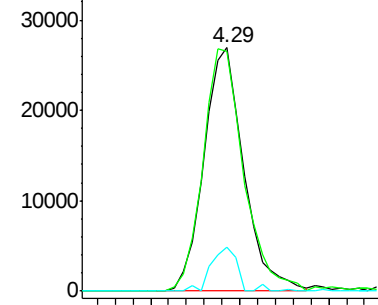
192 18.3 13.4 20.2

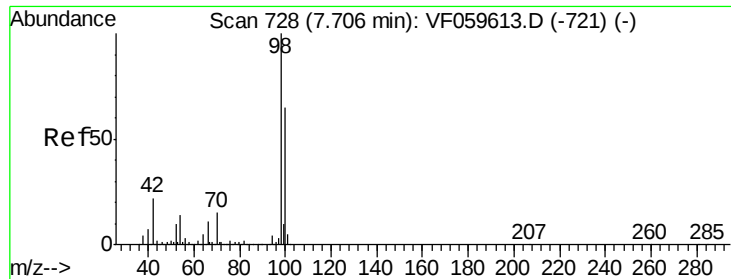


Abundance Ion 113.00 (112.70 to 113.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 192.00 (191.70 to 192.70): V

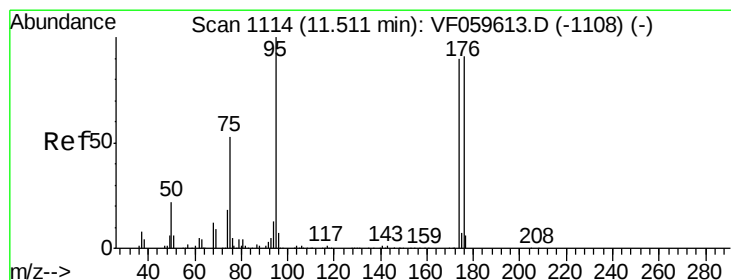
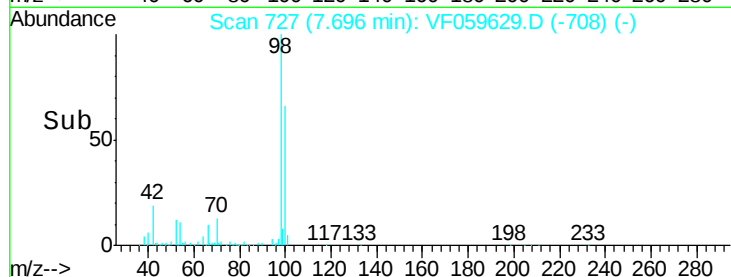
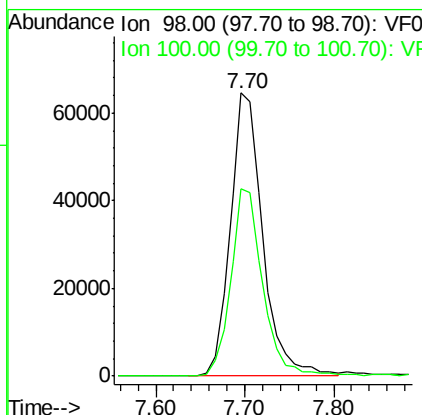
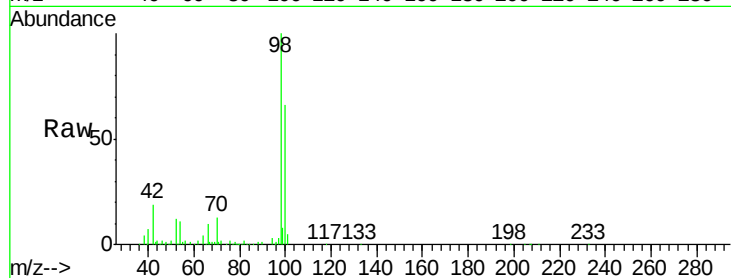




#50
Toluene-d8
Concen: 24.20 ug/l
RT: 7.70 min Scan# 727
Delta R.T. -0.01 min
Lab File: VF059629.D
Acq: 23 Jul 2018 22:17

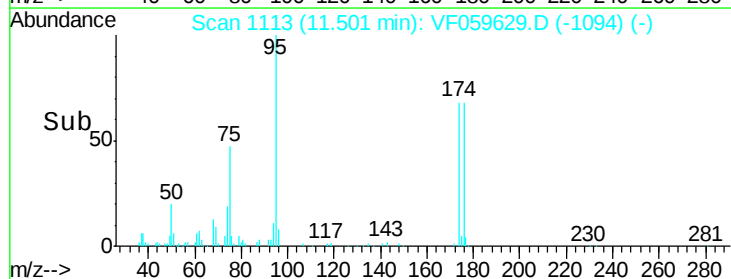
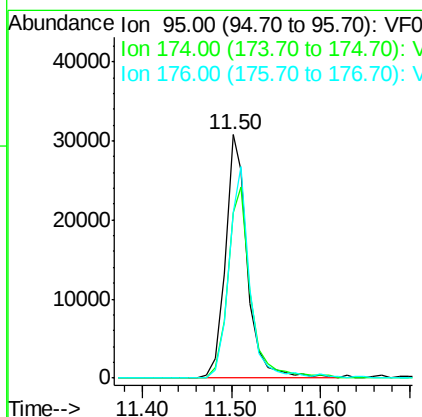
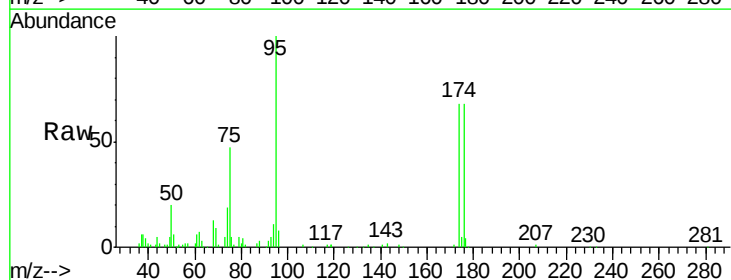
Instrument :
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GL-TOPSOIL-09

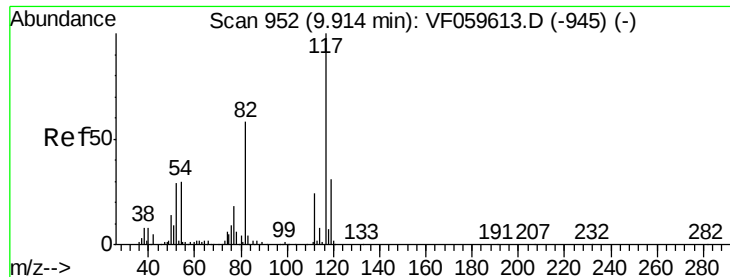
Tot Ion: 98 Resp: 164064
Ion Ratio Lower Upper
98 100
100 66.0 51.6 77.4



#62
4-Bromofluorobenzene
Concen: 13.79 ug/l
RT: 11.50 min Scan# 1113
Delta R.T. -0.01 min
Lab File: VF059629.D
Acq: 23 Jul 2018 22:17

Tgt Ion: 95 Resp: 53983
Ion Ratio Lower Upper
95 100
174 68.0 0.0 180.6
176 67.9 0.0 182.4

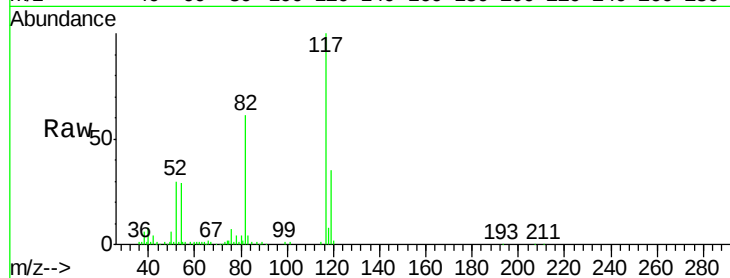




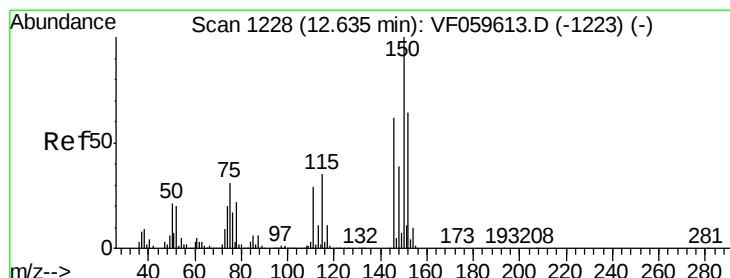
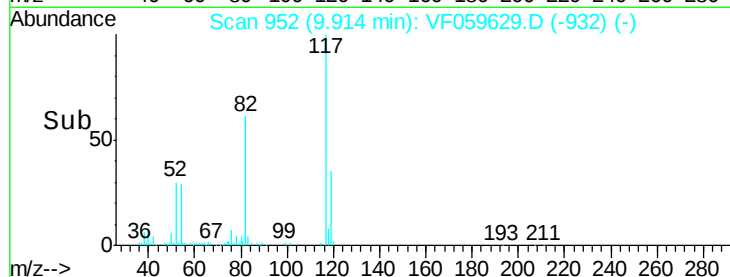
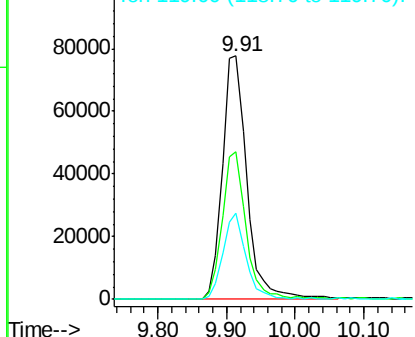
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.91 min Scan# 952
Delta R.T. 0.00 min
Lab File: VF059629.D
Acq: 23 Jul 2018 22:17

Instrument :
MSVOA_F
ClientSampleId :
GL-TOPSOIL-09

Tot Ion:117 Resp: 192828
Ion Ratio Lower Upper
117 100
82 60.9 46.5 69.7
119 35.3 24.4 36.6

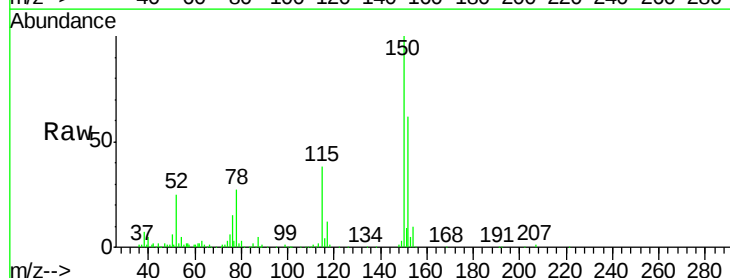


Abundance Ion 117.00 (116.70 to 117.70): V
Ion 82.00 (81.70 to 82.70): V
Ion 119.00 (118.70 to 119.70): V

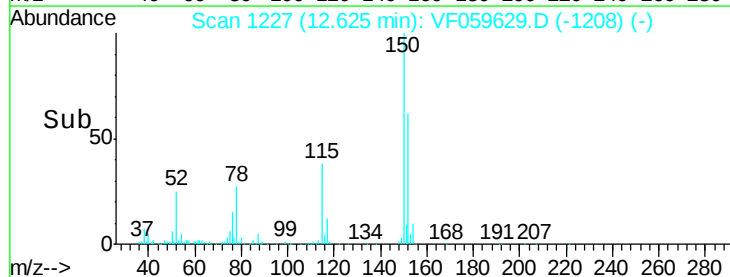
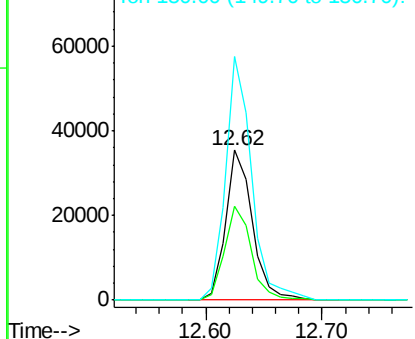


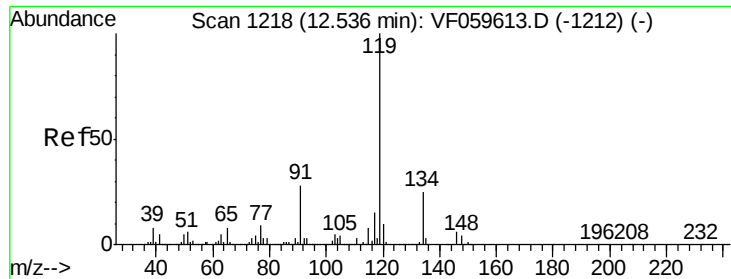
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.62 min Scan# 1227
Delta R.T. -0.01 min
Lab File: VF059629.D
Acq: 23 Jul 2018 22:17

Tgt Ion:152 Resp: 56546
Ion Ratio Lower Upper
152 100
115 62.3 27.8 83.4
150 162.4 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





#86
 p-Isopropyltoluene
 Concen: 1.24 ug/l
 RT: 12.54 min Scan# 1218
 Delta R.T. 0.00 min
 Lab File: VF059629.D
 Acq: 23 Jul 2018 22:17

Instrument :
 MSVOA_F
 ClientSampleId :
 GL-TOPSOIL-09

Tot Ion	Ratio	Lower	Upper
119	100		
134	27.2	12.4	37.2
91	15.5	13.9	41.7

