

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF072418\
 Data File : VF059653.D
 Acq On : 25 Jul 2018 1:50
 Operator : VA/AP
 Sample : J4119-01
 Misc : 7.09g/5mL/MSVOA F/SOIL
 ALS Vial : 100 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 GB-SOIL-PILE

Quant Time: Jul 25 06:46:29 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F072418S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 25 02:29:31 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.04	168	1269	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	5.74	114	1464	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.91	117	636	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.63	152	64	50.00	ug/l	0.00

System Monitoring Compounds		R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4		5.05	65	70	3.96	ug/l	0.05
Spiked Amount	50.000			Recovery	=	7.92%	
35) Dibromofluoromethane		4.28	113	368	27.93	ug/l	0.00
Spiked Amount	50.000			Recovery	=	55.86%	
50) Toluene-d8		7.70	98	1224	38.12	ug/l	0.00
Spiked Amount	50.000			Recovery	=	76.24%	
62) 4-Bromofluorobenzene		11.50	95	272	16.48	ug/l	0.00
Spiked Amount	50.000			Recovery	=	32.96%	

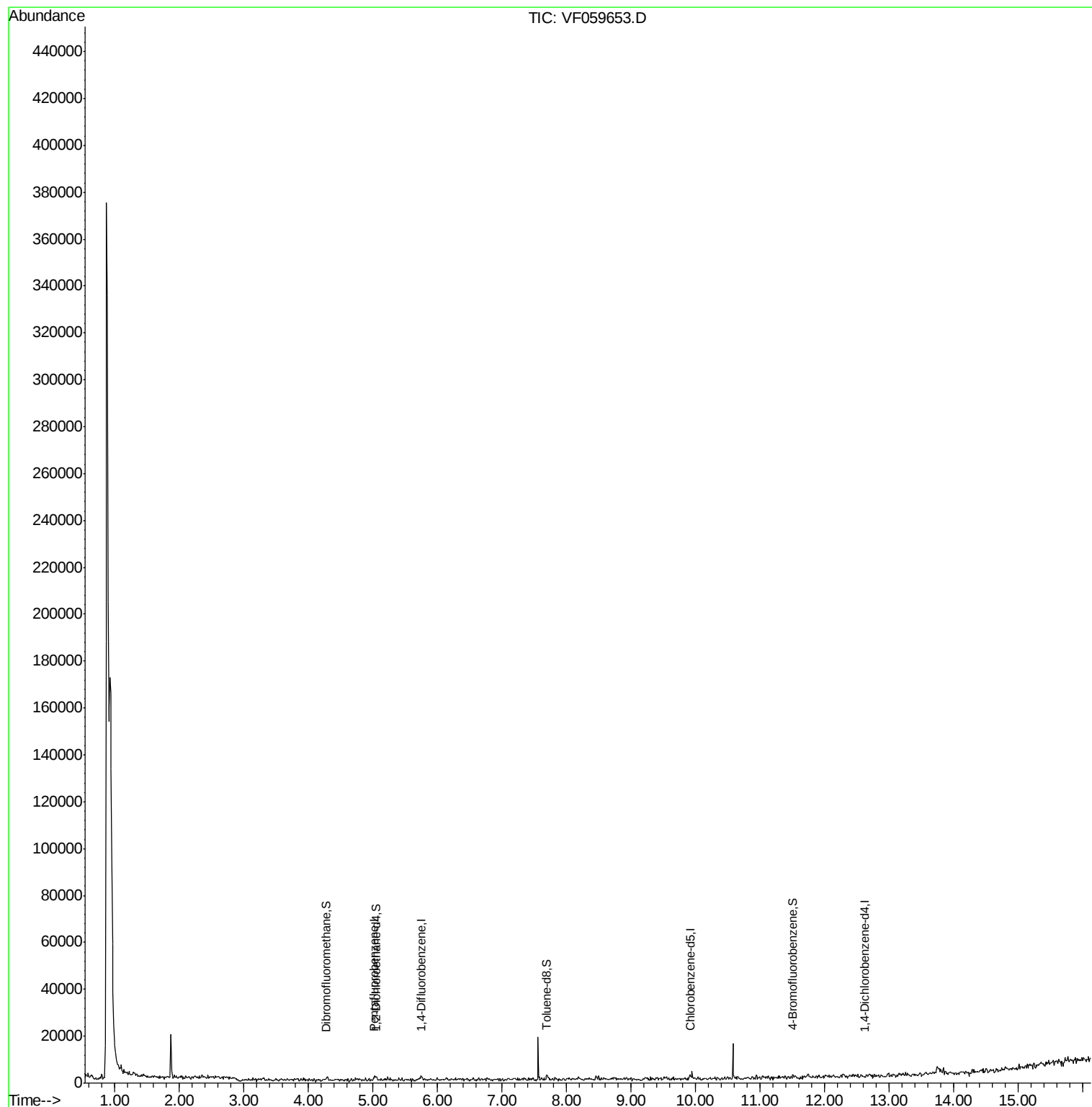
Target Compounds	Qvalue

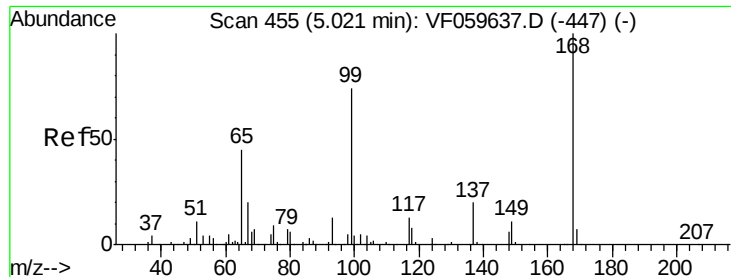
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Wed Jul 25 02:29:31 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.04 min Scan# 457

Delta R.T. 0.01 min

Lab File: VF059653.D

Acq: 25 Jul 2018 1:50

Instrument :

MSVOA_F

ClientSampleId :

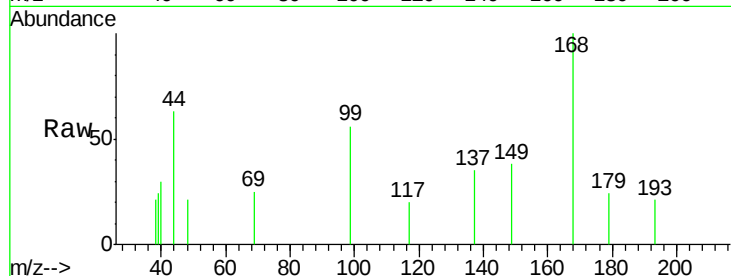
GB-SOIL-PILE

Tot Ion:168 Resp: 1269

Ion Ratio Lower Upper

168 100

99 55.9 59.5 89.3#



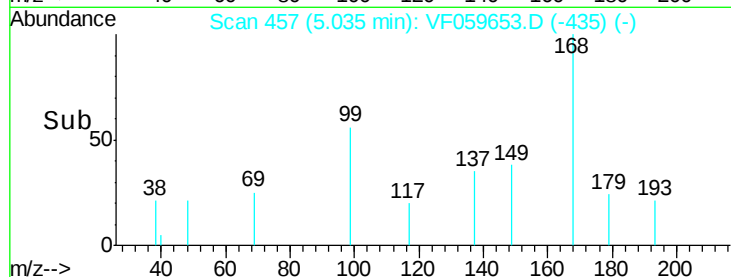
Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

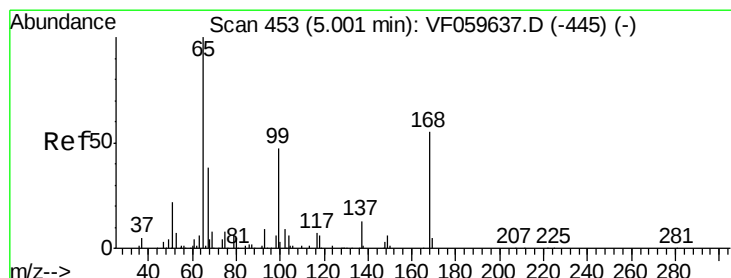
5.04

5.05

5.10



Time-->



#33

1,2-Dichloroethane-d4

Concen: 3.959 ug/l

RT: 5.05 min Scan# 459

Delta R.T. 0.05 min

Lab File: VF059653.D

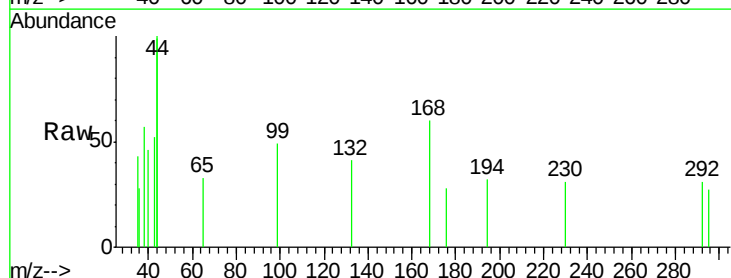
Acq: 25 Jul 2018 1:50

Tgt Ion: 65 Resp: 70

Ion Ratio Lower Upper

65 100

67 0.0 0.0 86.6



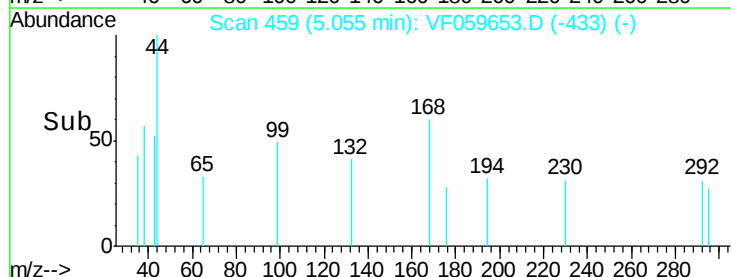
Abundance Ion 65.00 (64.70 to 65.70): VF0

Ion 67.00 (66.70 to 67.70): VF0

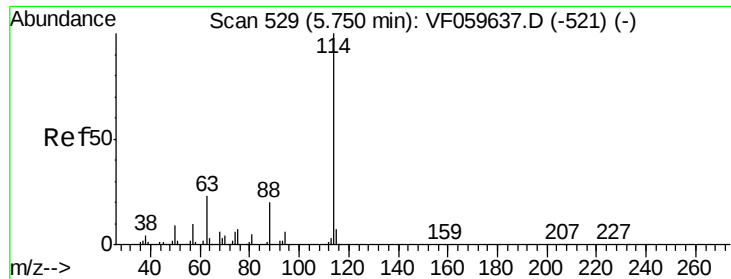
5.05

5.06

5.08



Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.74 min Scan# 529

Delta R.T. -0.01 min

Lab File: VF059653.D

Acq: 25 Jul 2018 1:50

Instrument :

MSVOA_F

ClientSampleId :

GB-SOIL-PILE

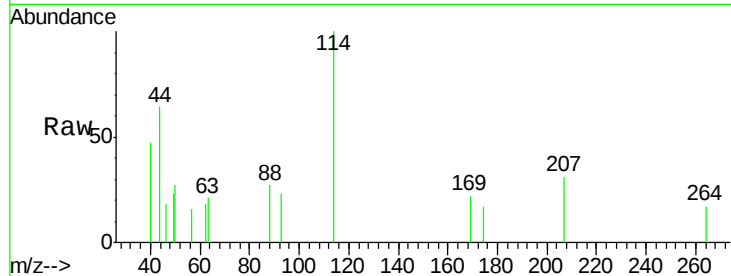
Tot Ion:114 Resp: 1464

Ion Ratio Lower Upper

114 100

63 20.9 0.0 45.6

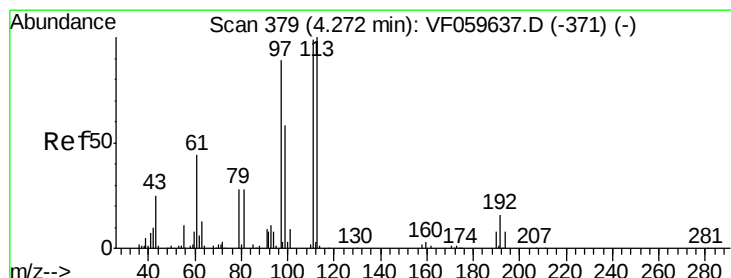
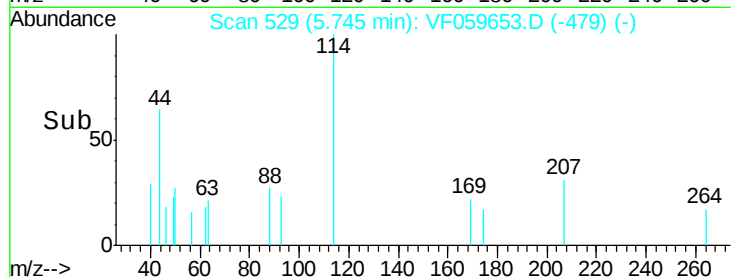
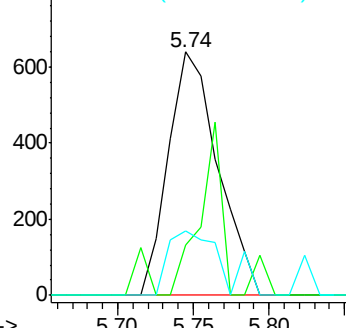
88 26.7 0.0 40.8



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: 27.931 ug/l

RT: 4.28 min Scan# 380

Delta R.T. 0.00 min

Lab File: VF059653.D

Acq: 25 Jul 2018 1:50

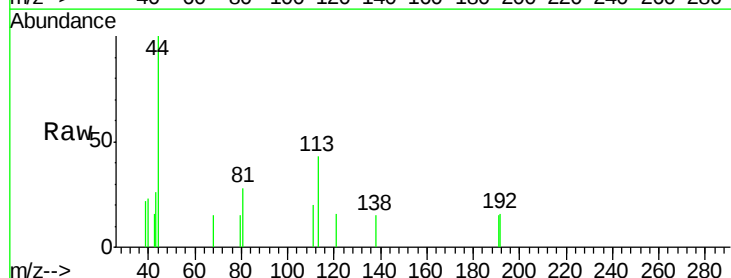
Tgt Ion:113 Resp: 368

Ion Ratio Lower Upper

113 100

111 46.6 79.3 118.9#

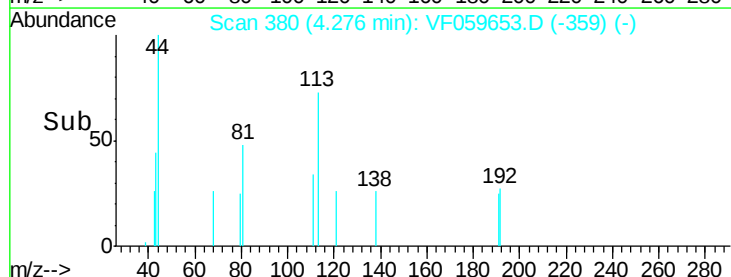
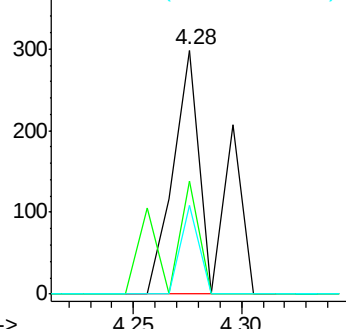
192 36.6 13.4 20.2#

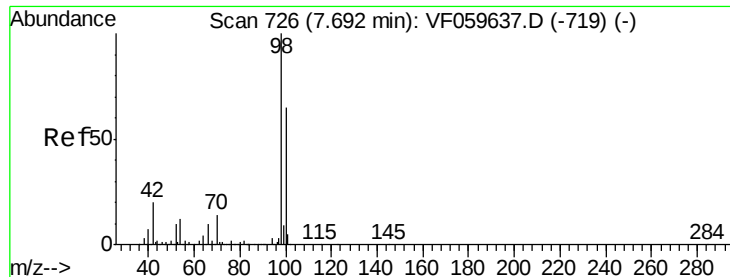


Abundance Ion 113.00 (112.70 to 113.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 192.00 (191.70 to 192.70): V





#50

Toluene-d8

Concen: 38.116 ug/l

RT: 7.70 min Scan# 727

Delta R.T. 0.00 min

Lab File: VF059653.D

Acq: 25 Jul 2018 1:50

Instrument :

MSVOA_F

ClientSampleId :

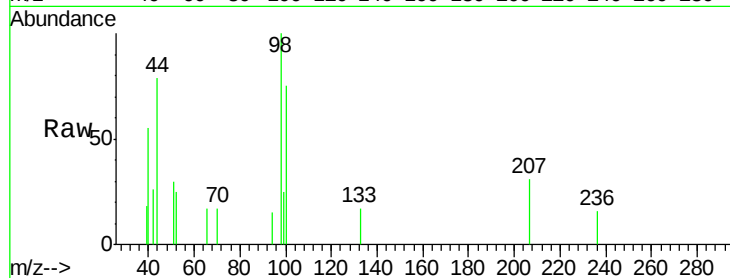
GB-SOIL-PILE

Tot Ion: 98 Resp: 1224

Ion Ratio Lower Upper

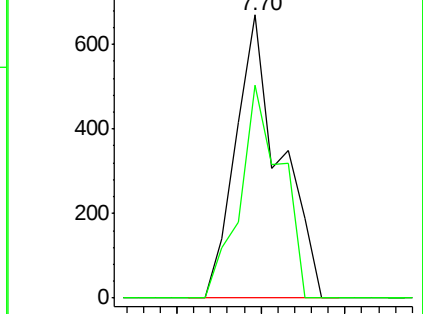
98 100

100 75.5 52.2 78.4

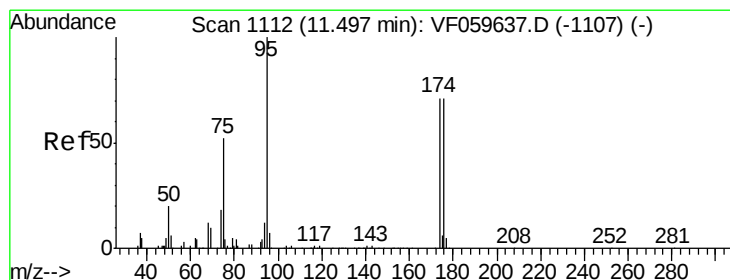
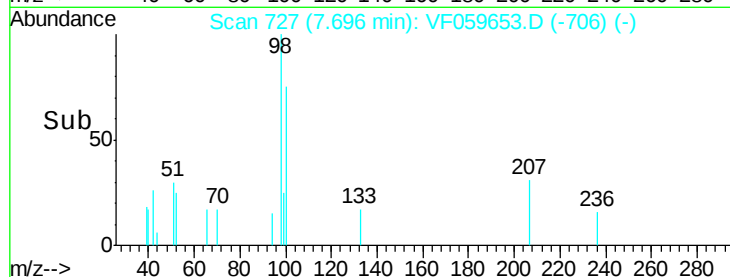


Abundance Ion 98.00 (97.70 to 98.70): VF0

Ion 100.00 (99.70 to 100.70): VF0



Time-->



#62

4-Bromofluorobenzene

Concen: 16.484 ug/l

RT: 11.50 min Scan# 1113

Delta R.T. 0.00 min

Lab File: VF059653.D

Acq: 25 Jul 2018 1:50

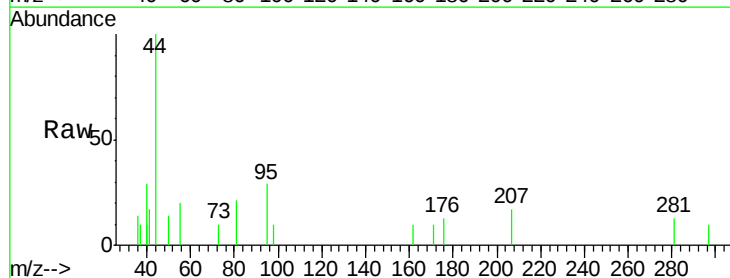
Tgt Ion: 95 Resp: 272

Ion Ratio Lower Upper

95 100

174 0.0 0.0 141.8

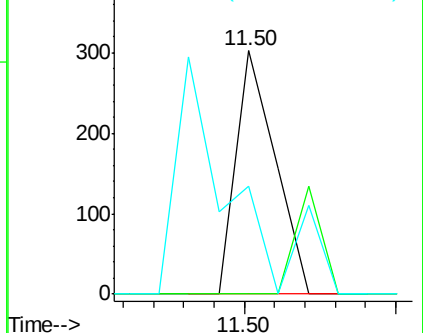
176 44.6 0.0 142.0



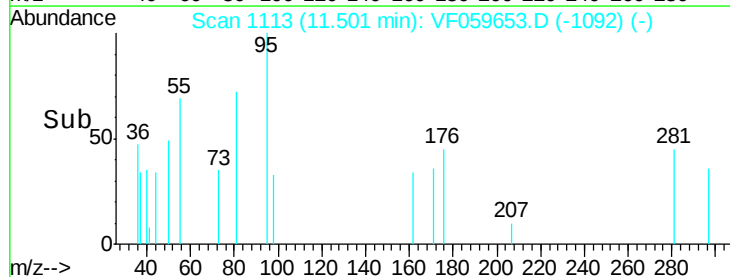
Abundance Ion 95.00 (94.70 to 95.70): VF0

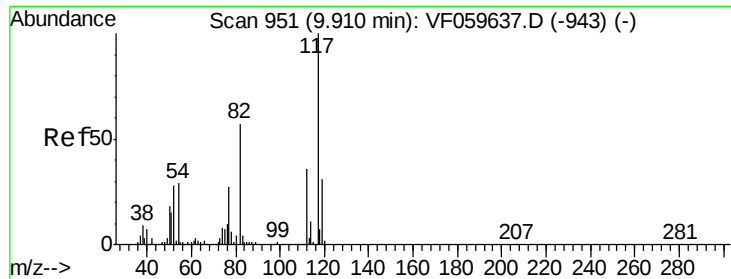
Ion 174.00 (173.70 to 174.70): V

Ion 176.00 (175.70 to 176.70): V



Time-->

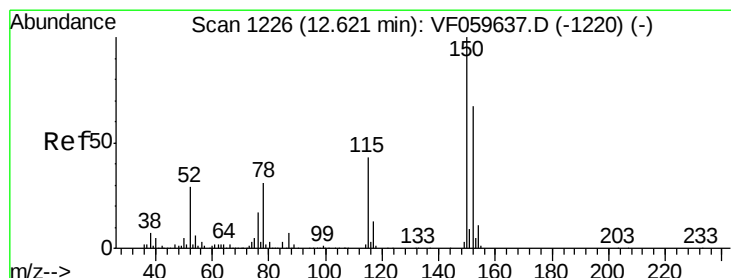
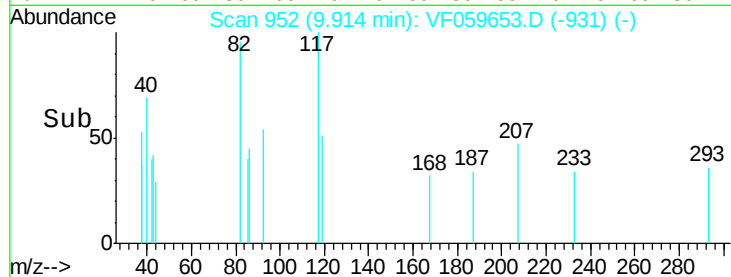
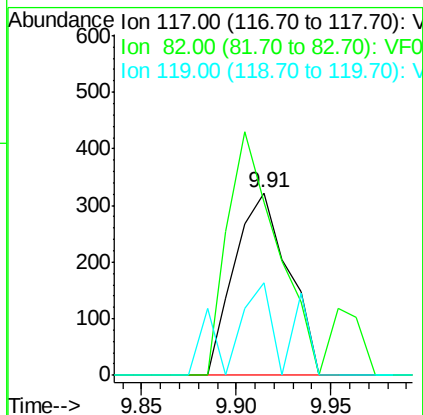
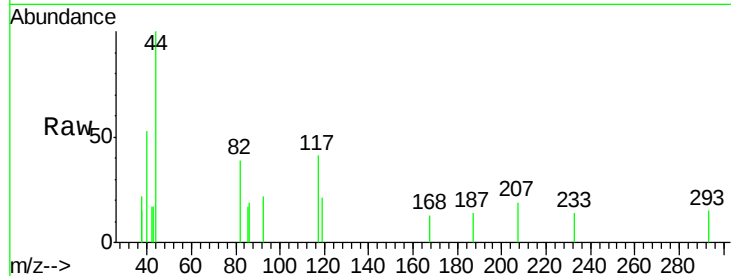




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.91 min Scan# 952
Delta R.T. 0.00 min
Lab File: VF059653.D
Acq: 25 Jul 2018 1:50

Instrument :
MSVOA_F
ClientSampleId :
GB-SOIL-PILE

Tot Ion:117 Resp: 636
Ion Ratio Lower Upper
117 100
82 94.7 45.9 68.9#
119 50.9 25.1 37.7#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.63 min Scan# 1227
Delta R.T. 0.00 min
Lab File: VF059653.D
Acq: 25 Jul 2018 1:50

Tgt Ion:152 Resp: 64
Ion Ratio Lower Upper
152 100
115 0.0 32.0 96.2#
150 0.0 0.0 313.2

