

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF080218\
 Data File : VF059827.D
 Acq On : 3 Aug 2018 9:08
 Operator : VA/AP
 Sample : J4285-01
 Misc : 4.48g/5mL/MSVOA F/SOIL
 ALS Vial : 100 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 KG-PIT-1

Quant Time: Aug 03 11:11:41 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F073018S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 31 15:23:22 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.04	168	192438	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.76	114	262433	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.92	117	159262	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.63	152	39207	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	5.02	65	143692	41.55	ug/l	0.00
Spiked Amount			Recovery	=	83.10%	
35) Dibromofluoromethane	4.29	113	123517	45.31	ug/l	0.00
Spiked Amount			Recovery	=	90.62%	
50) Toluene-d8	7.71	98	196985	30.99	ug/l	0.00
Spiked Amount			Recovery	=	61.98%	
62) 4-Bromofluorobenzene	11.50	95	48011	13.64	ug/l	0.00
Spiked Amount			Recovery	=	27.28%	

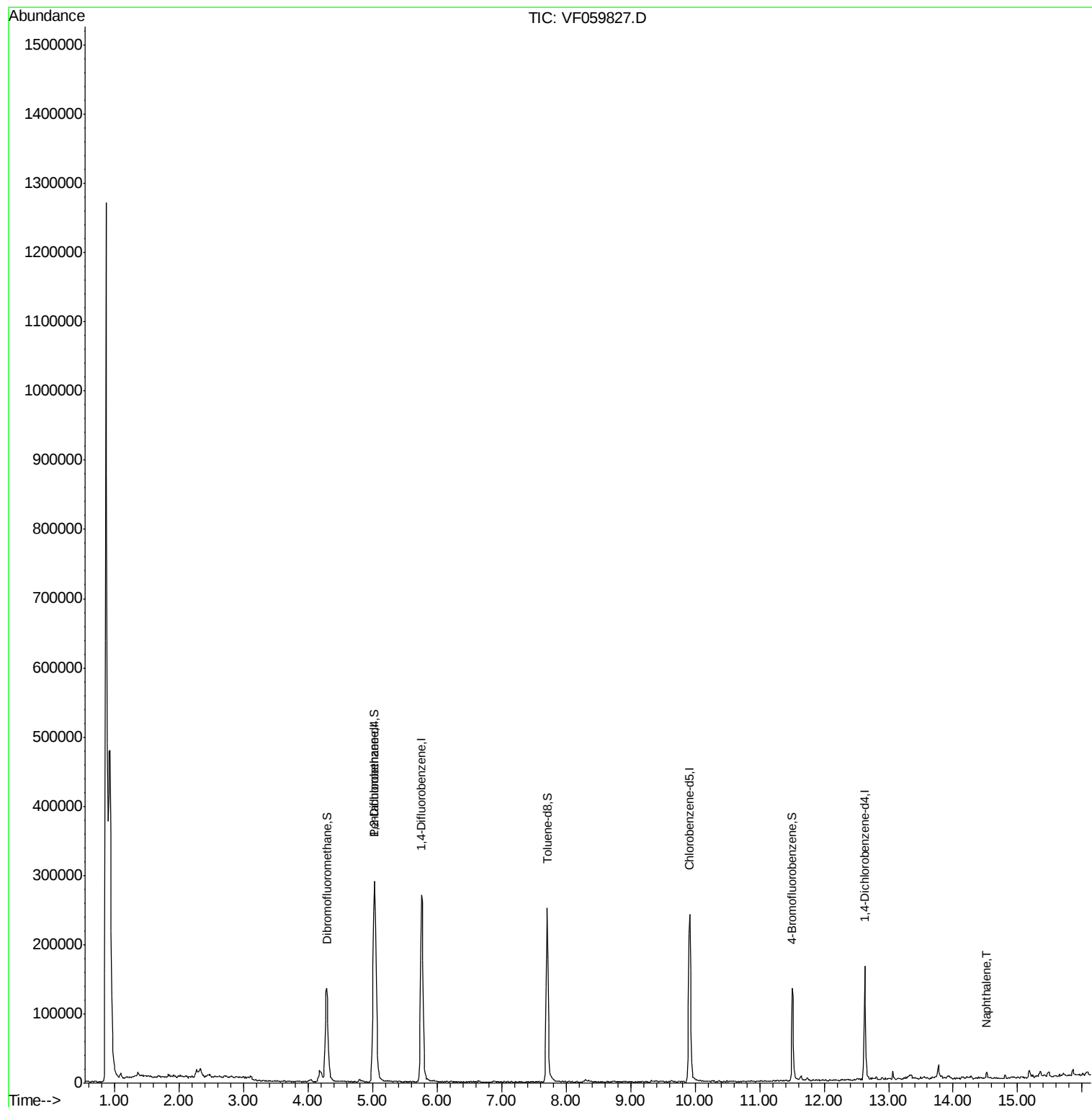
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
95) Naphthalene	14.52	128	4200	2.48	ug/l	95

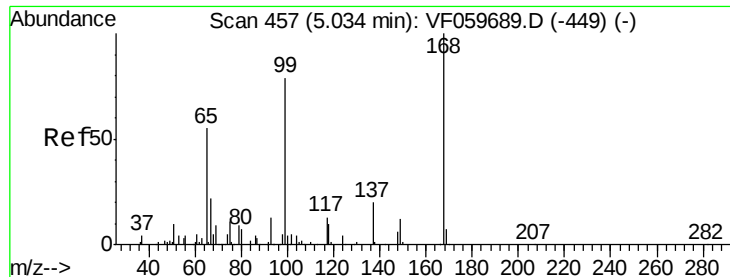
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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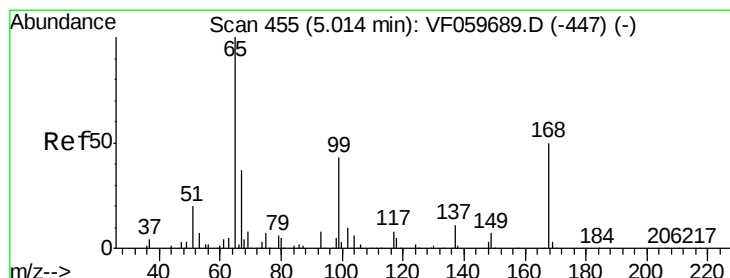
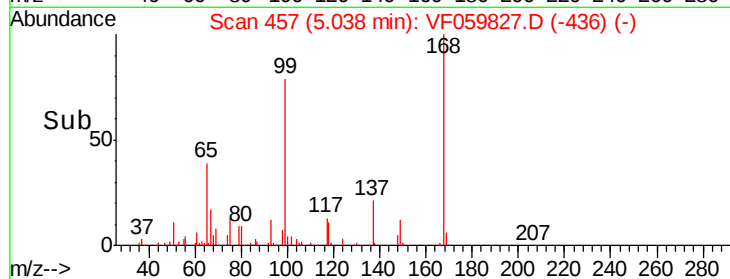
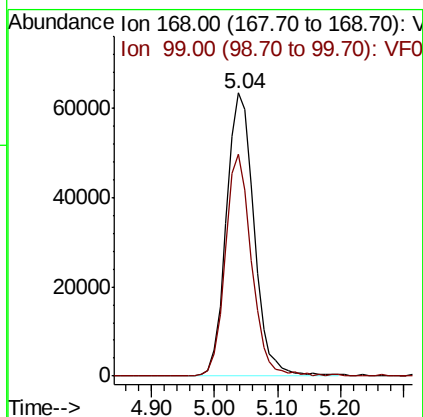
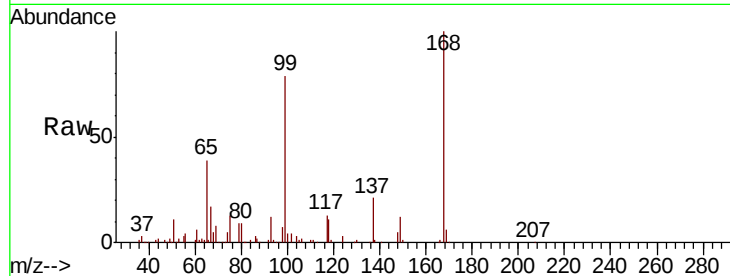




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.04 min Scan# 457
Delta R.T. 0.00 min
Lab File: VF059827.D
Acq: 3 Aug 2018 9:08

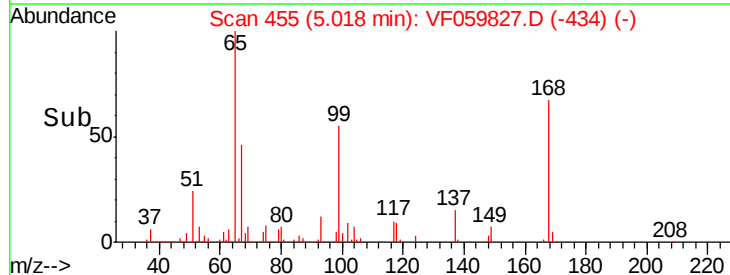
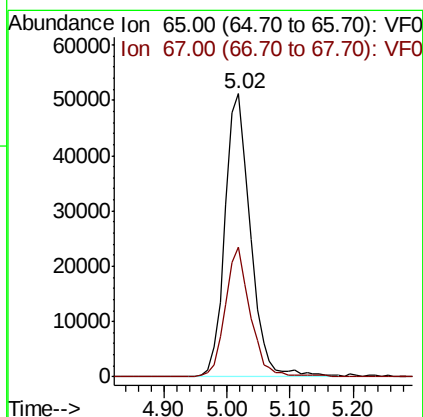
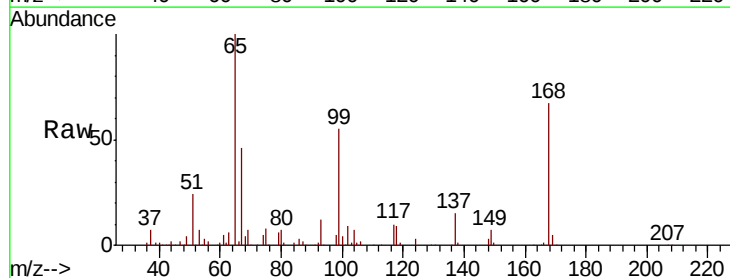
Instrument :
MSVOA_F
ClientSampleId :
KG-PIT-1

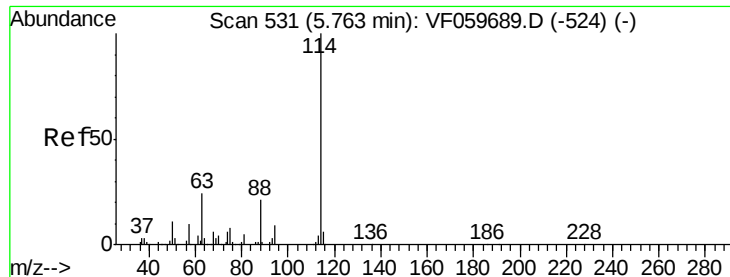
Tot Ion:168 Resp: 192438
Ion Ratio Lower Upper
168 100
99 78.5 63.3 94.9



#33
1,2-Dichloroethane-d4
Concen: 41.55 ug/l
RT: 5.02 min Scan# 455
Delta R.T. 0.00 min
Lab File: VF059827.D
Acq: 3 Aug 2018 9:08

Tgt Ion: 65 Resp: 143692
Ion Ratio Lower Upper
65 100
67 45.9 0.0 84.6





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 5.76 min Scan# 530

Delta R.T. -0.01 min

Lab File: VF059827.D

Acq: 3 Aug 2018 9:08

Instrument :

MSVOA_F

ClientSampleId :

KG-PIT-1

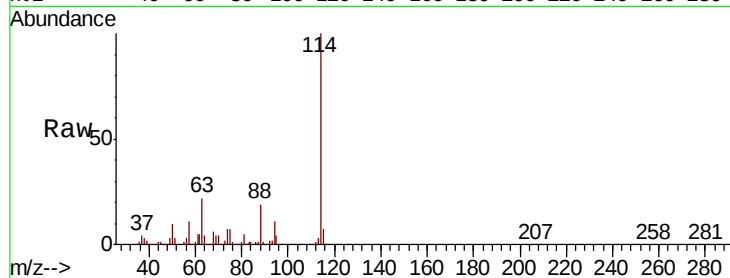
Tot Ion:114 Resp: 262433

Ion Ratio Lower Upper

114 100

63 22.3 0.0 47.4

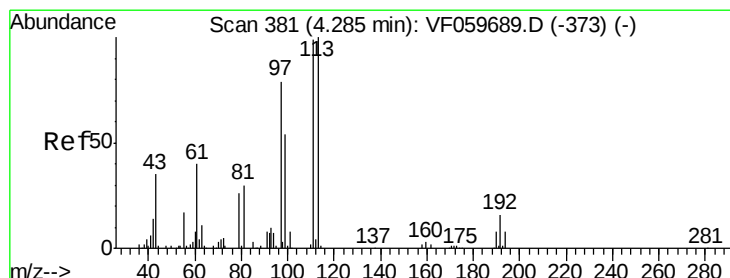
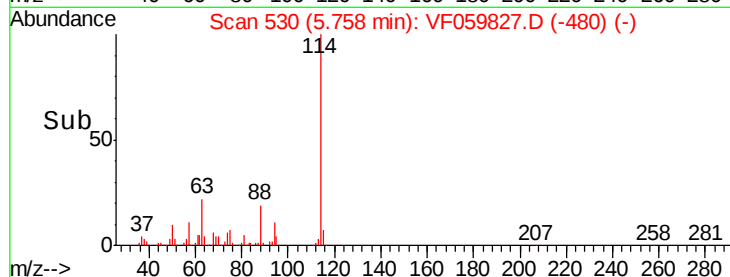
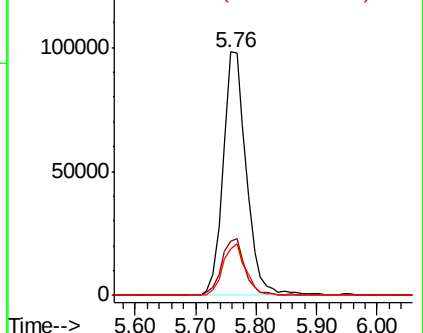
88 19.2 0.0 41.2



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: 45.31 ug/l

RT: 4.29 min Scan# 381

Delta R.T. 0.00 min

Lab File: VF059827.D

Acq: 3 Aug 2018 9:08

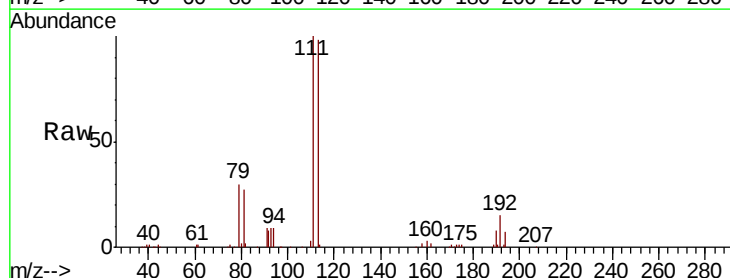
Tgt Ion:113 Resp: 123517

Ion Ratio Lower Upper

113 100

111 102.4 79.0 118.4

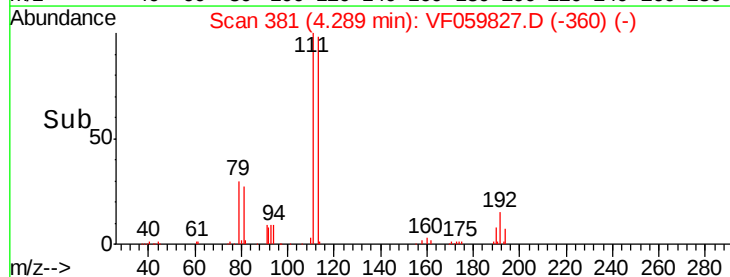
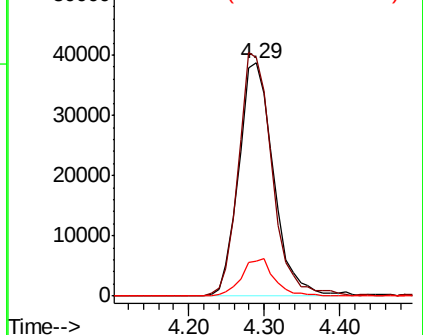
192 14.9 13.2 19.8

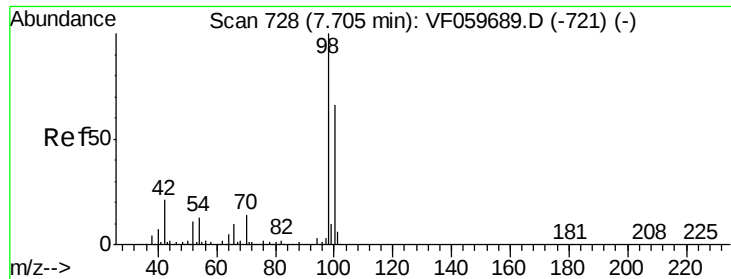


Abundance Ion 113.00 (112.70 to 113.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 192.00 (191.70 to 192.70): V





#50

Toluene-d8

Concen: 30.99 ug/l

RT: 7.71 min Scan# 728

Delta R.T. 0.00 min

Lab File: VF059827.D

Acq: 3 Aug 2018 9:08

Instrument :

MSVOA_F

ClientSampleId :

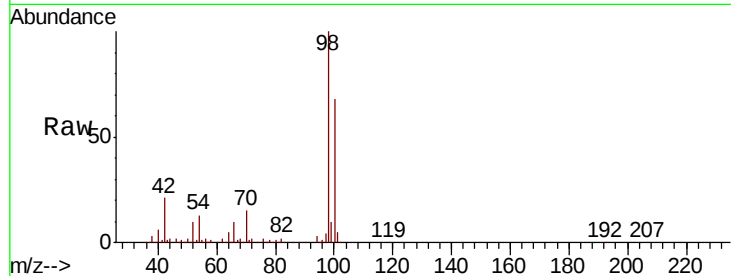
KG-PIT-1

Tot Ion: 98 Resp: 196985

Ion Ratio Lower Upper

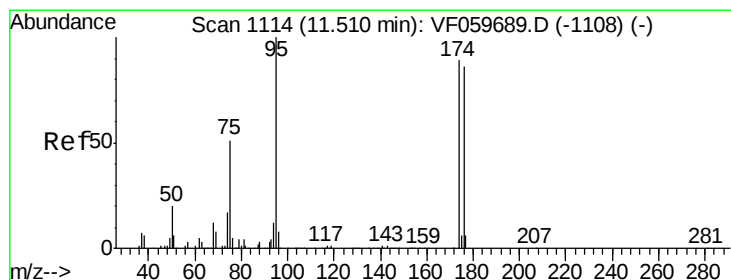
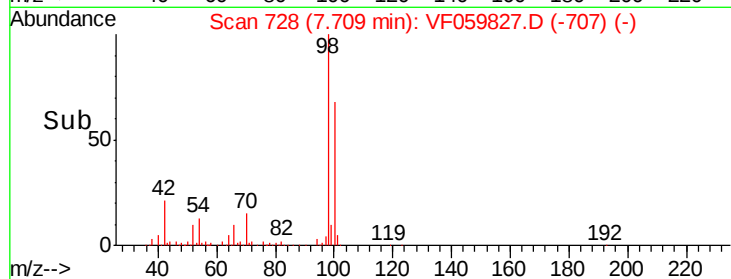
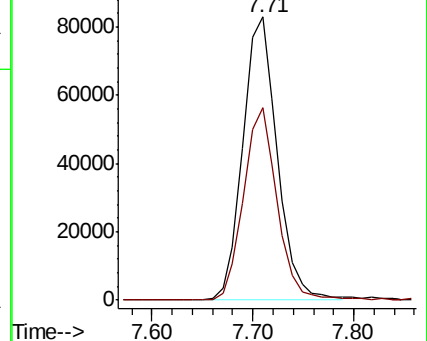
98 100

100 68.1 52.8 79.2



Abundance Ion 98.00 (97.70 to 98.70): VF0

Ion 100.00 (99.70 to 100.70): VF



#62

4-Bromofluorobenzene

Concen: 13.64 ug/l

RT: 11.50 min Scan# 1113

Delta R.T. -0.01 min

Lab File: VF059827.D

Acq: 3 Aug 2018 9:08

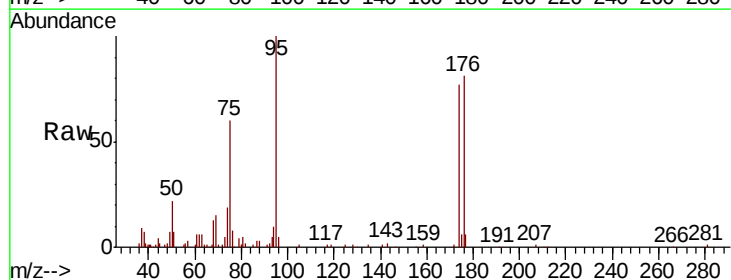
Tgt Ion: 95 Resp: 48011

Ion Ratio Lower Upper

95 100

174 77.2 0.0 178.4

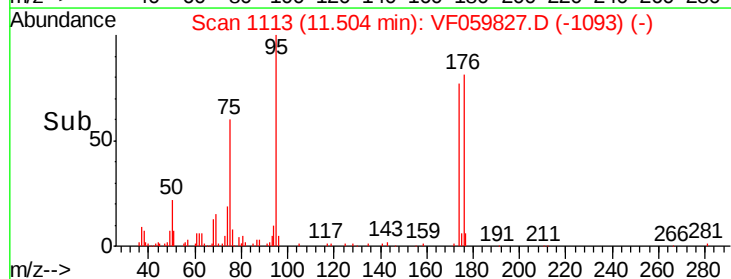
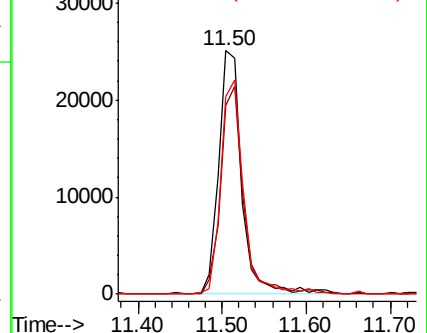
176 81.4 0.0 173.0

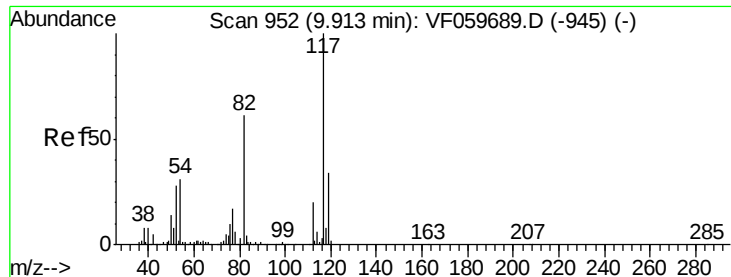


Abundance Ion 95.00 (94.70 to 95.70): VF0

Ion 174.00 (173.70 to 174.70): V

Ion 176.00 (175.70 to 176.70): V

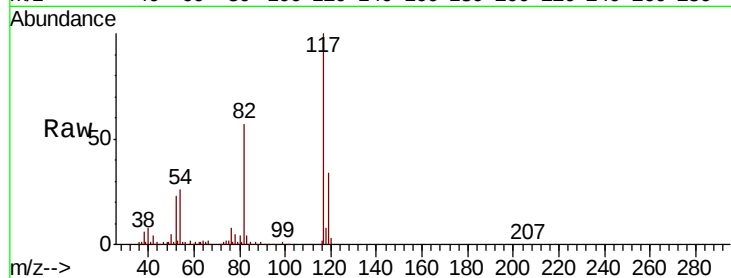




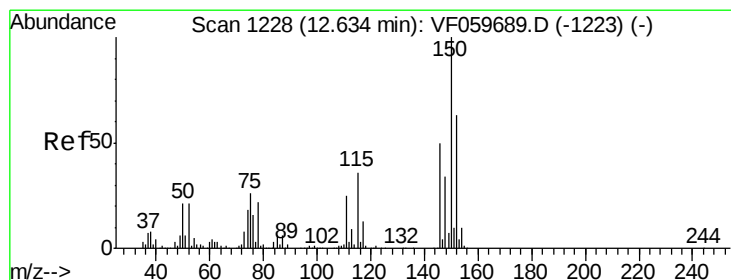
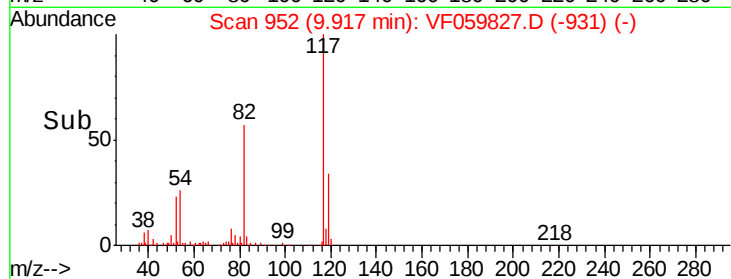
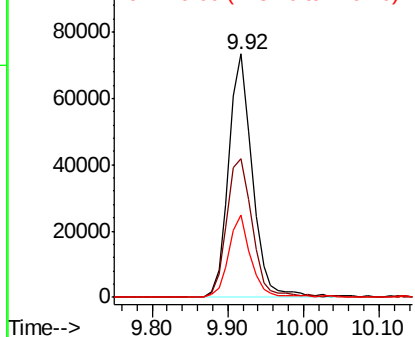
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.92 min Scan# 952
Delta R.T. 0.00 min
Lab File: VF059827.D
Acq: 3 Aug 2018 9:08

Instrument :
MSVOA_F
ClientSampleId :
KG-PIT-1

Tot Ion	Ratio	Lower	Upper
117	100		
82	57.0	49.0	73.4
119	33.6	27.3	40.9

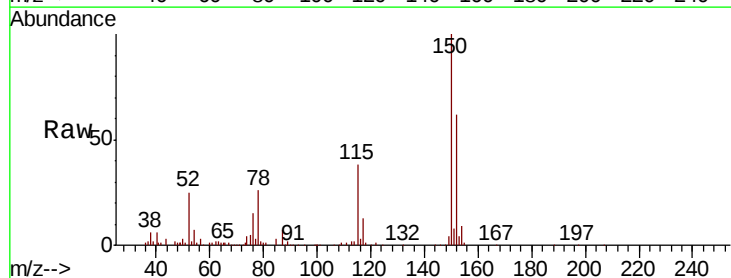


Abundance Ion 117.00 (116.70 to 117.70): V
Ion 82.00 (81.70 to 82.70): VF0
Ion 119.00 (118.70 to 119.70): V

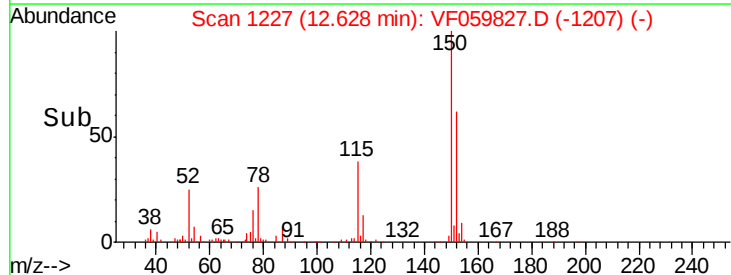
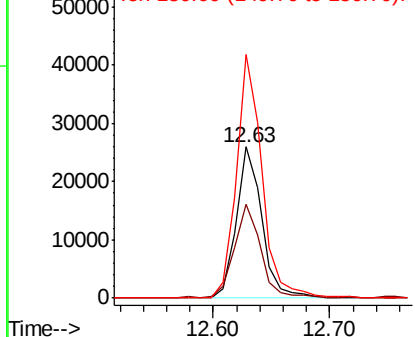


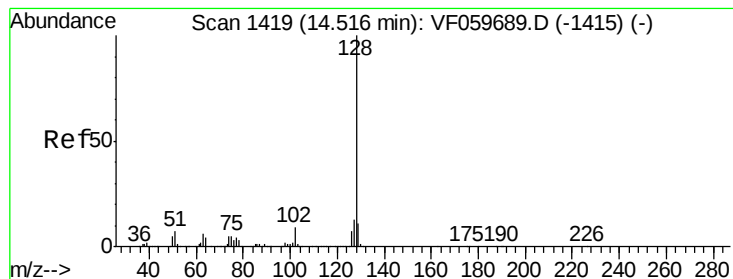
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.63 min Scan# 1227
Delta R.T. -0.01 min
Lab File: VF059827.D
Acq: 3 Aug 2018 9:08

Tgt Ion	Ratio	Lower	Upper
152	100		
115	62.1	28.2	84.6
150	161.4	0.0	316.2



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





#95

Naphthalene

Concen: 2.48 ug/l

RT: 14.52 min Scan# 1419

Delta R.T. 0.00 min

Lab File: VF059827.D

Acq: 3 Aug 2018 9:08

Instrument :

MSVOA_F

ClientSampleId :

KG-PIT-1

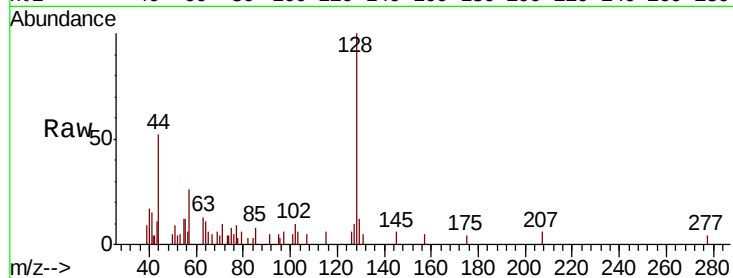
Tot Ion:128 Resp: 4200

Ion Ratio Lower Upper

128 100

127 10.3 10.0 15.0

129 12.2 8.6 13.0



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

