

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF080218\
 Data File : VF059835.D
 Acq On : 3 Aug 2018 12:52
 Operator : VA/AP
 Sample : J4285-09
 Misc : 6.01g/5mL/MSVOA F/SOIL
 ALS Vial : 100 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 KG-PIT-3

Quant Time: Aug 03 13:57:12 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	5.02	168	39402	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.75	114	28521	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.91	117	12587	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.62	152	1769	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.01	65	5287	7.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	14.94%	
35) Dibromofluoromethane	4.29	113	4942	16.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	33.36%	
50) Toluene-d8	7.71	98	21253	30.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	61.54%	
62) 4-Bromofluorobenzene	11.50	95	3628	9.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	18.98%	

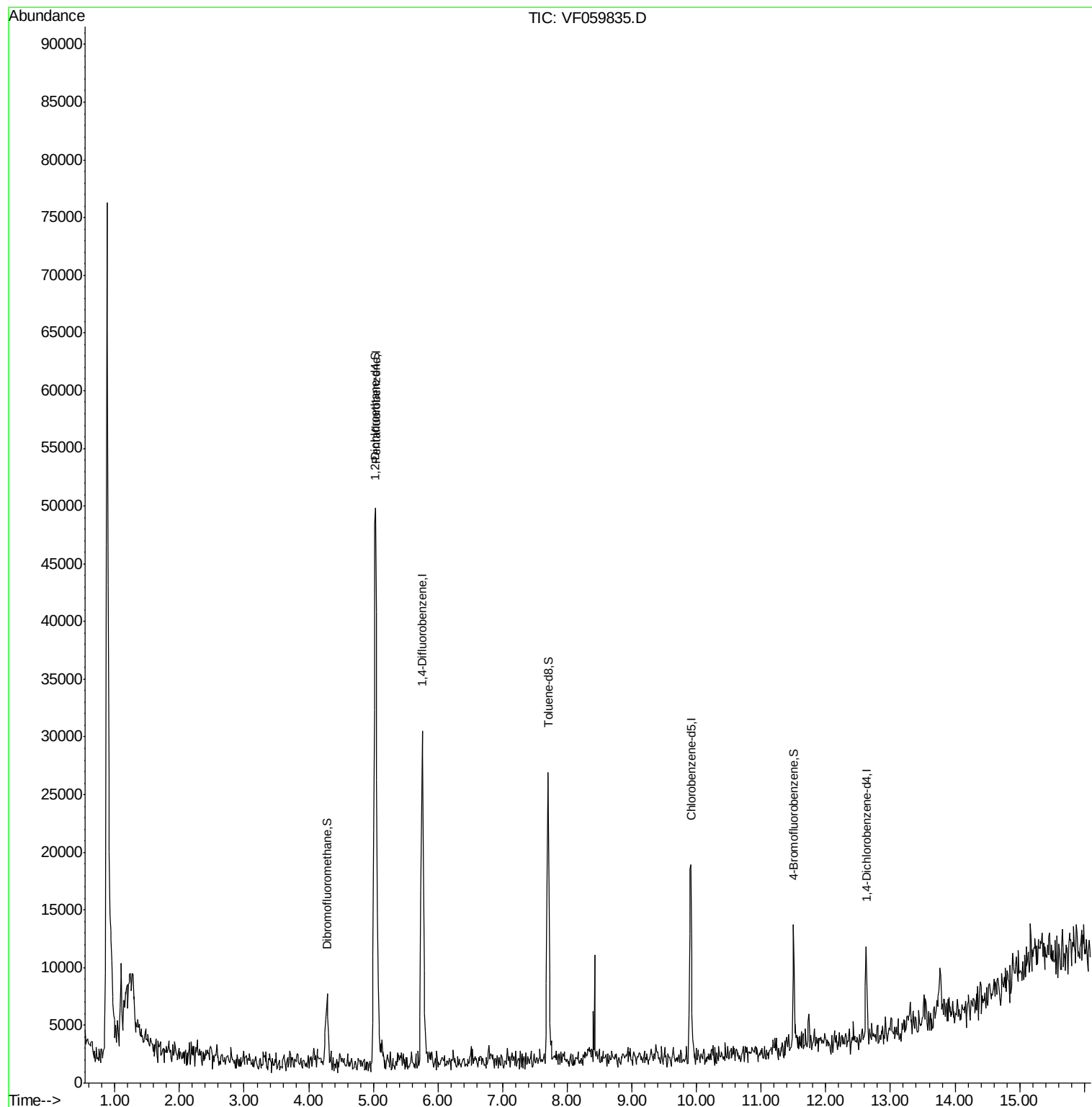
Target Compounds	Qvalue

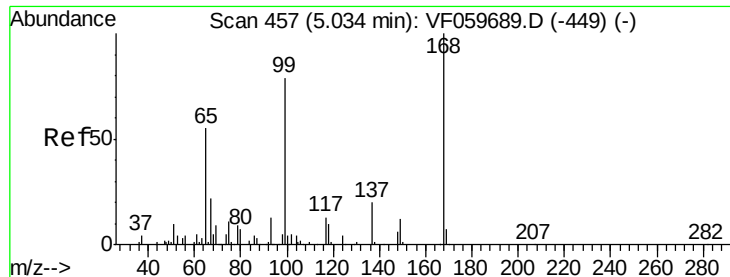
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.02 min Scan# 456

Delta R.T. -0.01 min

Lab File: VF059835.D

Acq: 3 Aug 2018 12:52

Instrument :

MSVOA_F

ClientSampleId :

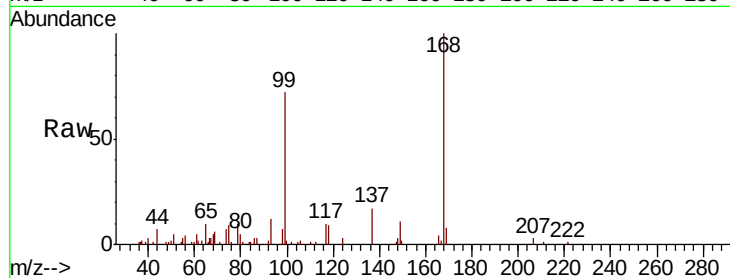
KG-PIT-3

Tot Ion:168 Resp: 39402

Ion Ratio Lower Upper

168 100

99 71.8 63.3 94.9



Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

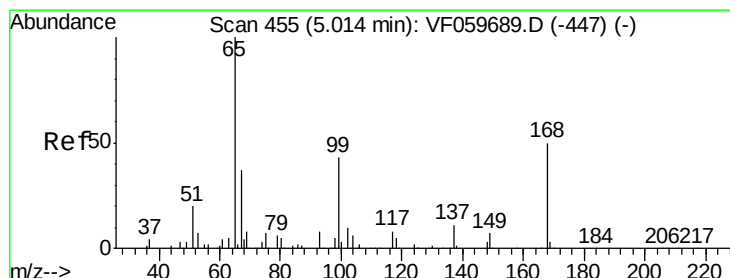
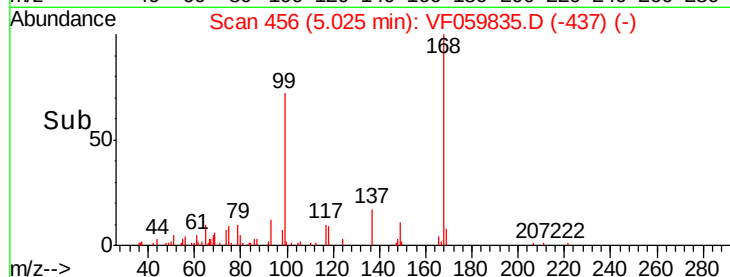
5.02

10000

5000

0

Time--> 4.90 5.00 5.10



#33

1,2-Dichloroethane-d4

Concen: 7.47 ug/l

RT: 5.01 min Scan# 455

Delta R.T. 0.00 min

Lab File: VF059835.D

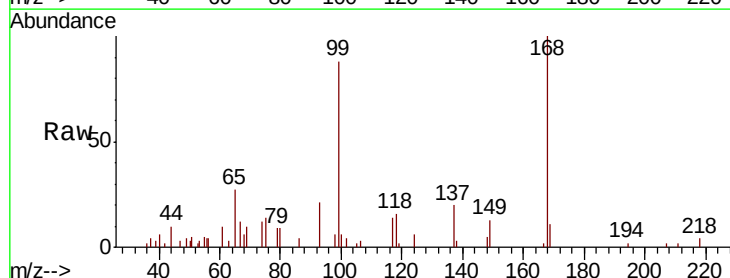
Acq: 3 Aug 2018 12:52

Tgt Ion: 65 Resp: 5287

Ion Ratio Lower Upper

65 100

67 44.9 0.0 84.6



Abundance Ion 65.00 (64.70 to 65.70): VF0

Ion 67.00 (66.70 to 67.70): VF0

2000

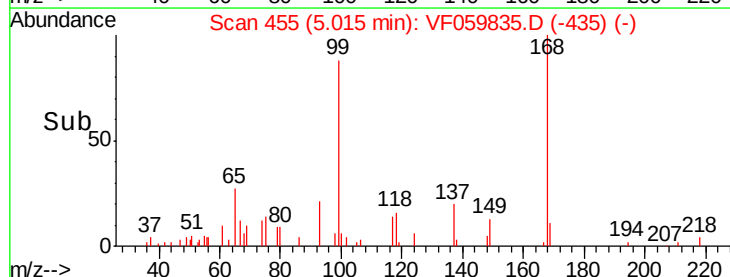
1500

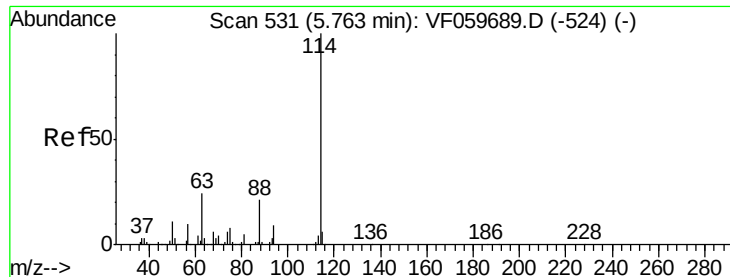
1000

500

0

Time--> 4.90 5.00 5.10

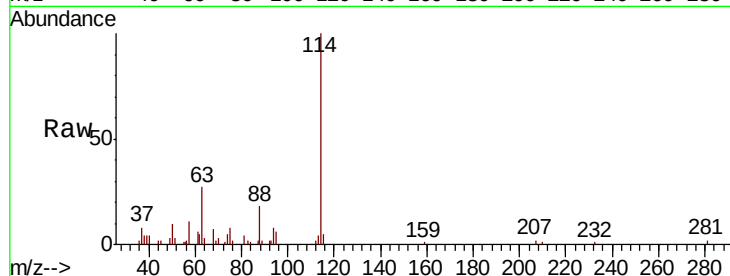




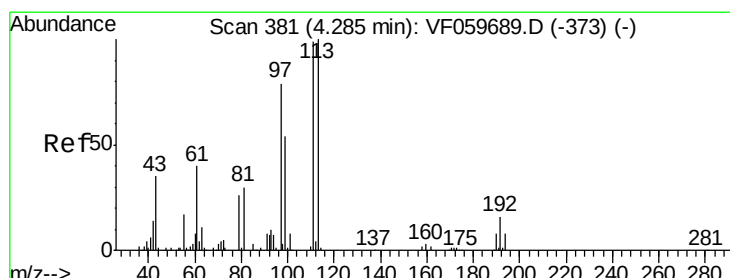
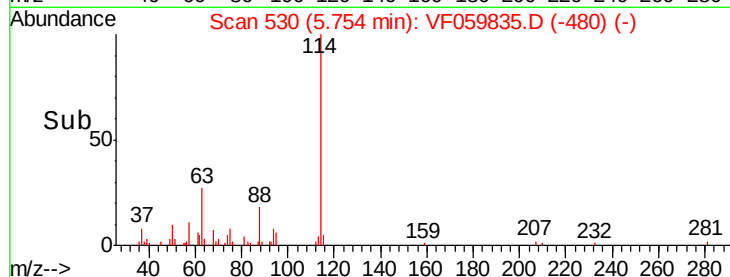
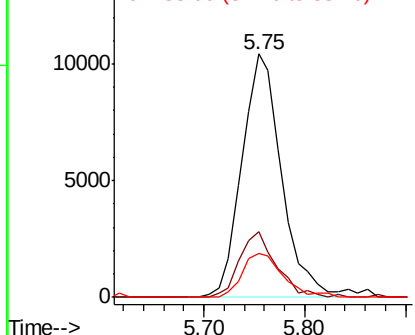
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 5.75 min Scan# 530
 Delta R.T. -0.01 min
 Lab File: VF059835.D
 Acq: 3 Aug 2018 12:52

Instrument :
 MSVOA_F
 ClientSampleId :
 KG-PIT-3

Tot Ion:114 Resp: 28521
 Ion Ratio Lower Upper
 114 100
 63 27.0 0.0 47.4
 88 17.9 0.0 41.2

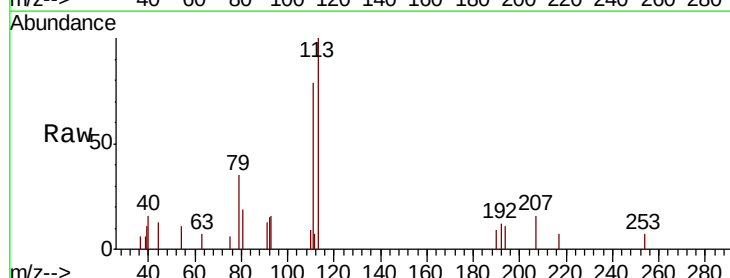


Abundance Ion 114.00 (113.70 to 114.70): V
 Ion 63.00 (62.70 to 63.70): VF0
 Ion 88.00 (87.70 to 88.70): VF0

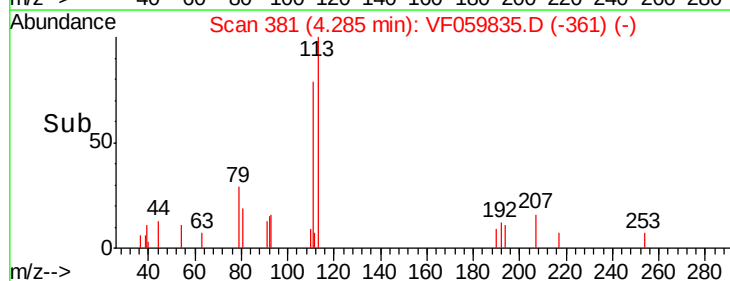
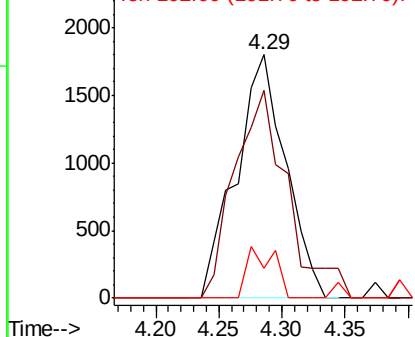


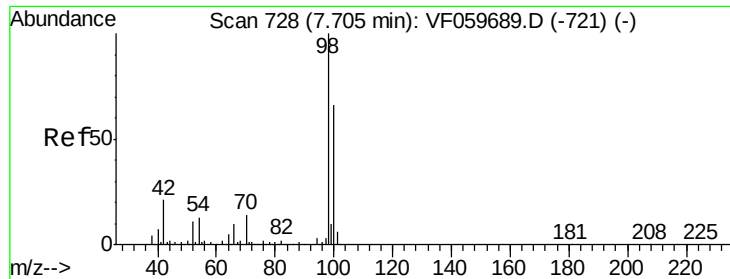
#35
 Dibromofluoromethane
 Concen: 16.68 ug/l
 RT: 4.29 min Scan# 381
 Delta R.T. 0.00 min
 Lab File: VF059835.D
 Acq: 3 Aug 2018 12:52

Tgt Ion:113 Resp: 4942
 Ion Ratio Lower Upper
 113 100
 111 85.5 79.0 118.4
 192 12.1 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

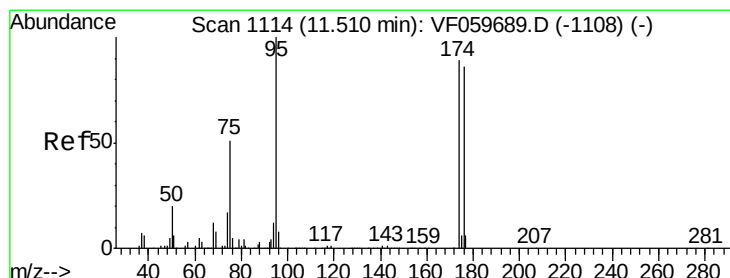
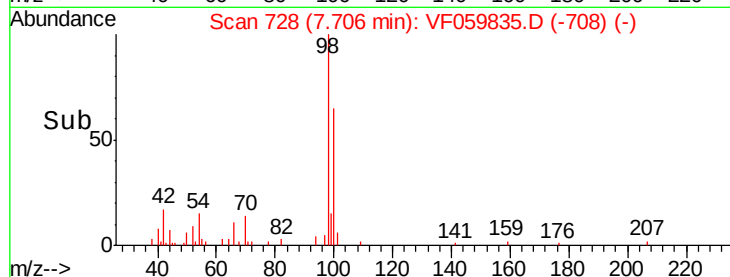
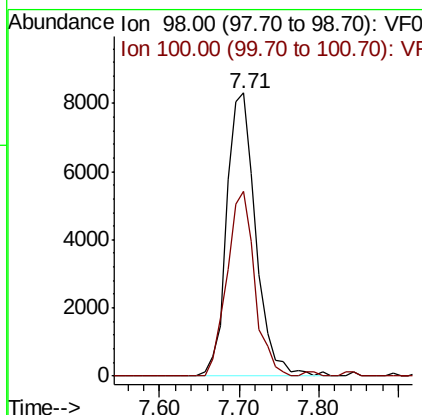
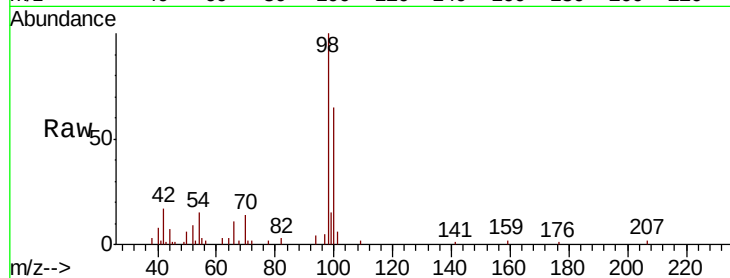




#50
Toluene-d8
Concen: 30.77 ug/l
RT: 7.71 min Scan# 728
Delta R.T. 0.00 min
Lab File: VF059835.D
Acq: 3 Aug 2018 12:52

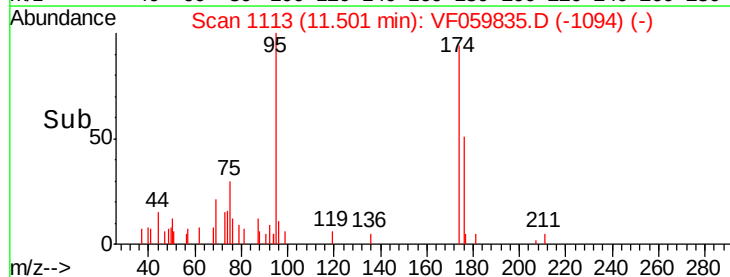
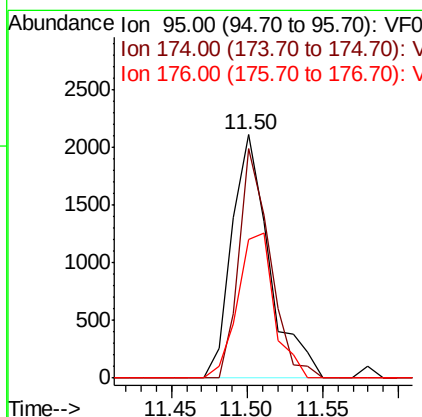
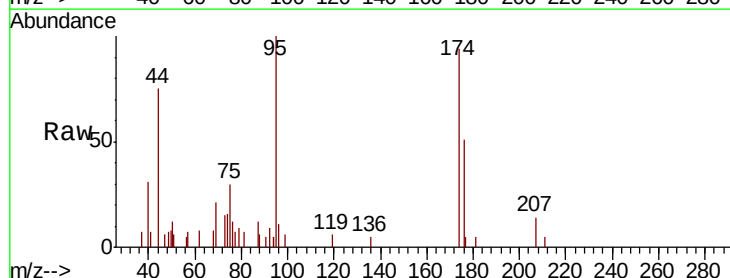
Instrument :
MSVOA_F
ClientSampleId :
KG-PIT-3

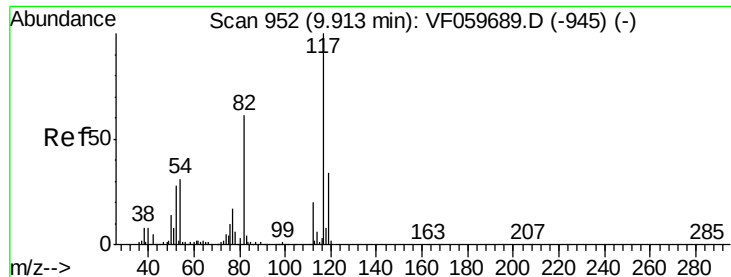
Tot Ion: 98 Resp: 21253
Ion Ratio Lower Upper
98 100
100 65.4 52.8 79.2



#62
4-Bromofluorobenzene
Concen: 9.49 ug/l
RT: 11.50 min Scan# 1113
Delta R.T. -0.01 min
Lab File: VF059835.D
Acq: 3 Aug 2018 12:52

Tgt Ion: 95 Resp: 3628
Ion Ratio Lower Upper
95 100
174 94.2 0.0 178.4
176 56.7 0.0 173.0

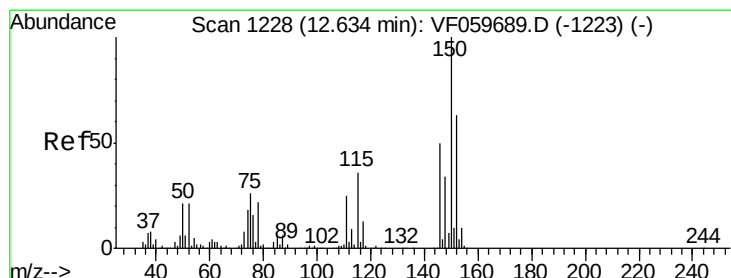
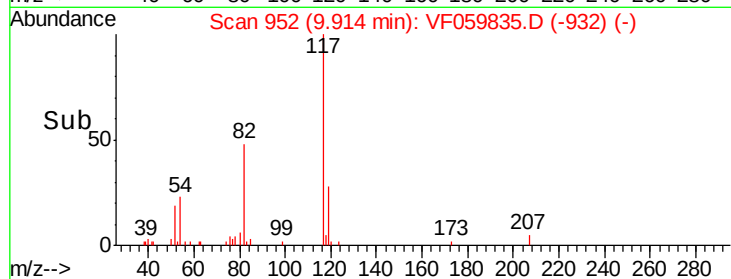
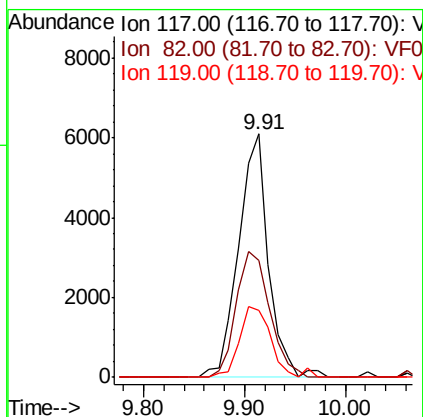
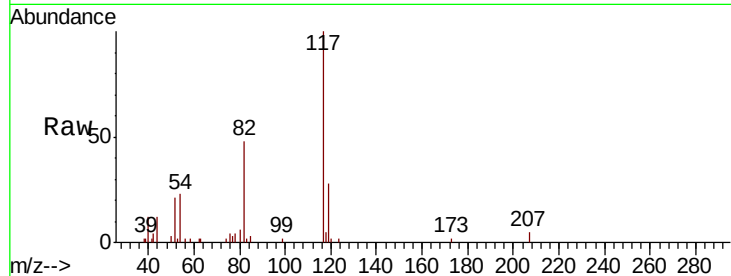




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.91 min Scan# 952
Delta R.T. 0.00 min
Lab File: VF059835.D
Acq: 3 Aug 2018 12:52

Instrument :
MSVOA_F
ClientSampleId :
KG-PIT-3

Tot Ion	Ratio	Lower	Upper
117	100		
82	48.1	49.0	73.4#
119	27.6	27.3	40.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.62 min Scan# 1227
Delta R.T. -0.01 min
Lab File: VF059835.D
Acq: 3 Aug 2018 12:52

Tgt Ion	Ratio	Lower	Upper
152	100		
115	100.3	28.2	84.6#
150	235.3	0.0	316.2

