

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF080318\
 Data File : VF059852.D
 Acq On : 3 Aug 2018 21:24
 Operator : VA/AP
 Sample : J4285-21
 Misc : 5.66g/5mL/MSVOA F/SOIL
 ALS Vial : 96 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 KG-PIT-6

Quant Time: Aug 04 04:11:50 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

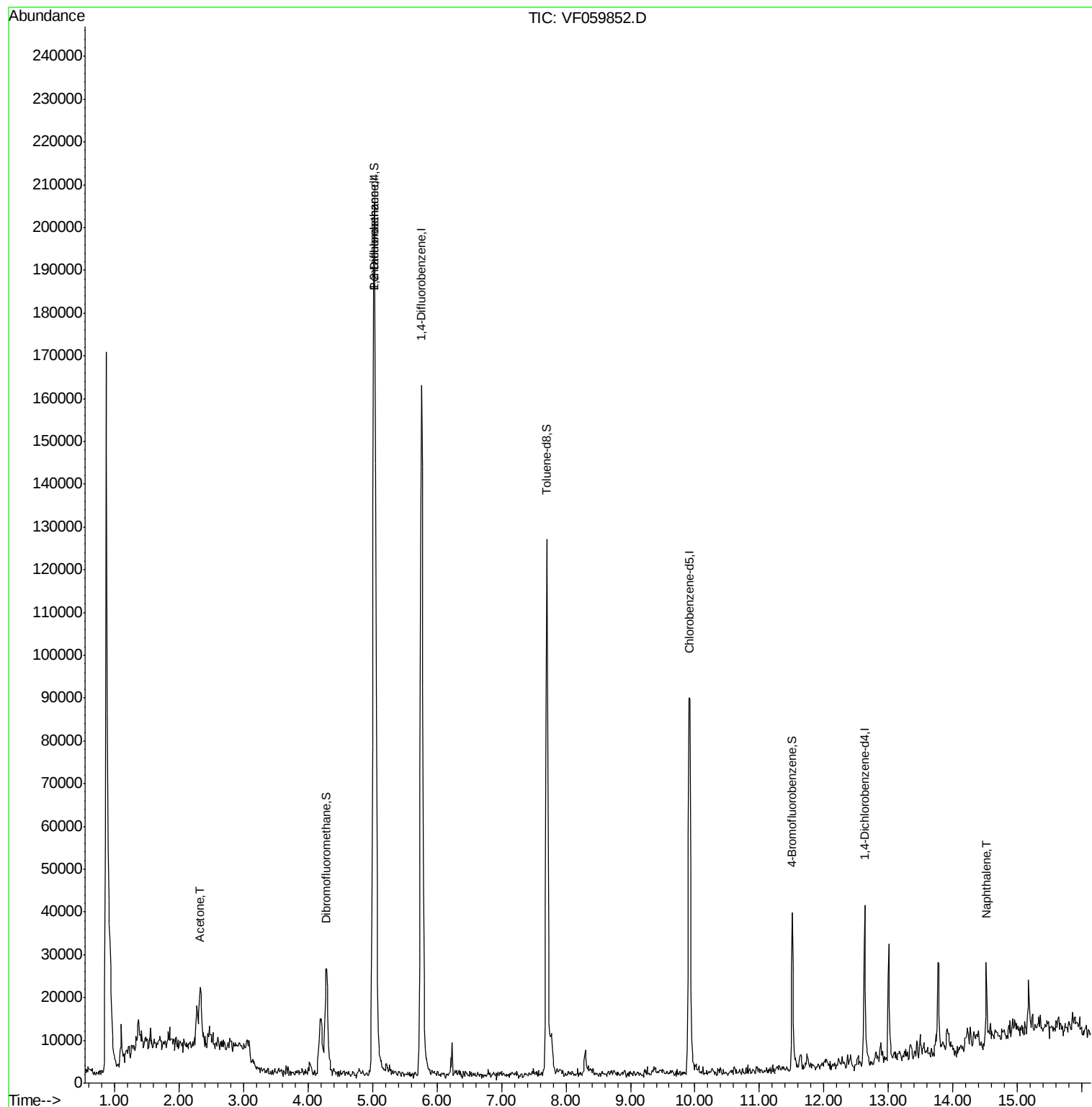
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.04	168	139540	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.76	114	153948	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.92	117	63814	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.63	152	8293	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.02	65	91247	36.39	ug/l	0.00
Spiked Amount 50.000			Recovery	=	72.78%	
35) Dibromofluoromethane	4.29	113	21720	13.58	ug/l	0.00
Spiked Amount 50.000			Recovery	=	27.16%	
50) Toluene-d8	7.70	98	102313	27.44	ug/l	0.00
Spiked Amount 50.000			Recovery	=	54.88%	
62) 4-Bromofluorobenzene	11.51	95	13227	6.41	ug/l	0.00
Spiked Amount 50.000			Recovery	=	12.82%	
Target Compounds						
16) Acetone	2.34	43	13089	29.02	ug/l #	92
95) Naphthalene	14.52	128	1971	5.51	ug/l #	61

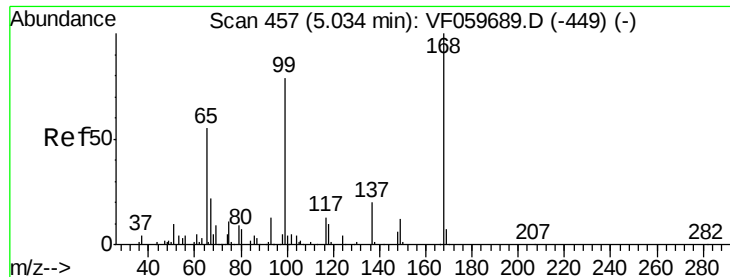
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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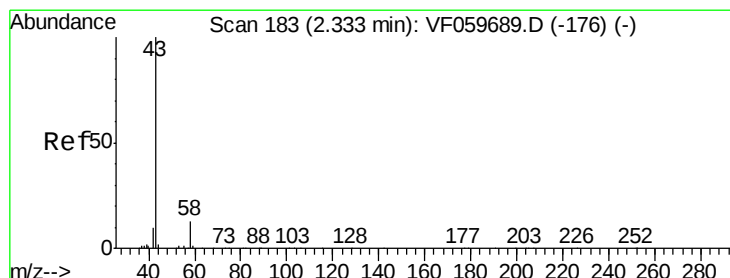
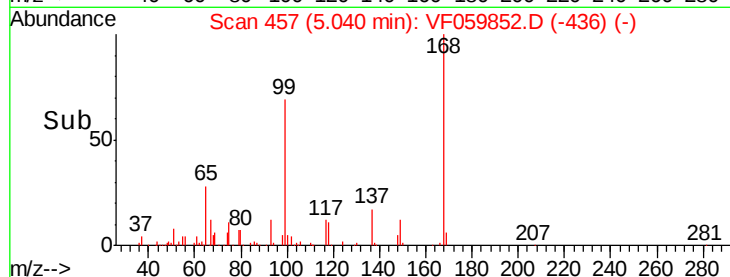
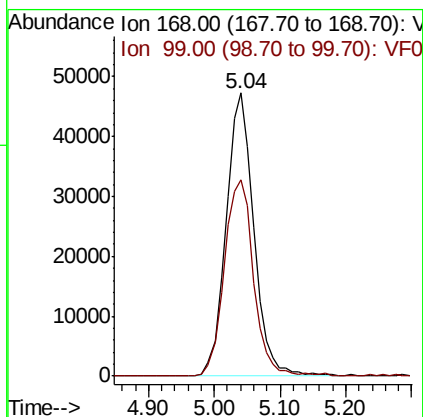
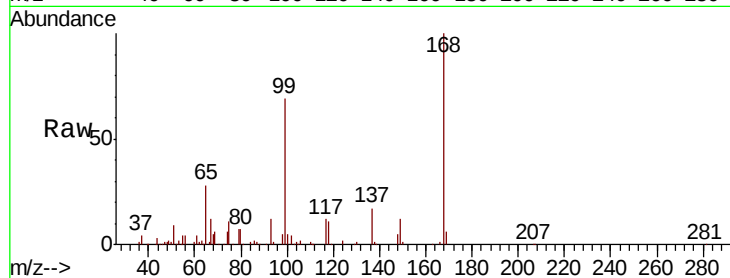




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.04 min Scan# 457
Delta R.T. 0.01 min
Lab File: VF059852.D
Acq: 3 Aug 2018 21:24

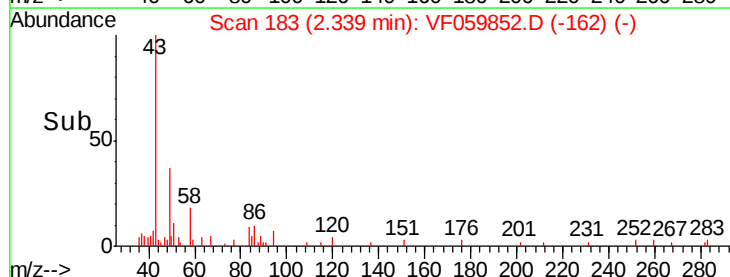
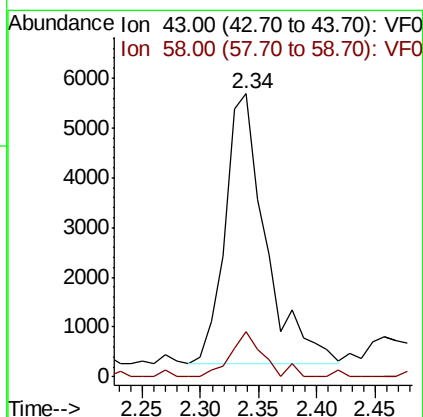
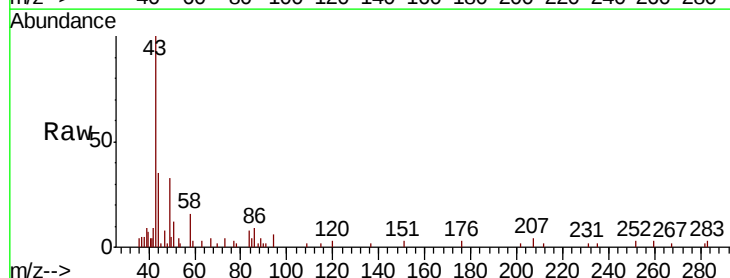
Instrument :
MSVOA_F
ClientSampled :
KG-PIT-6

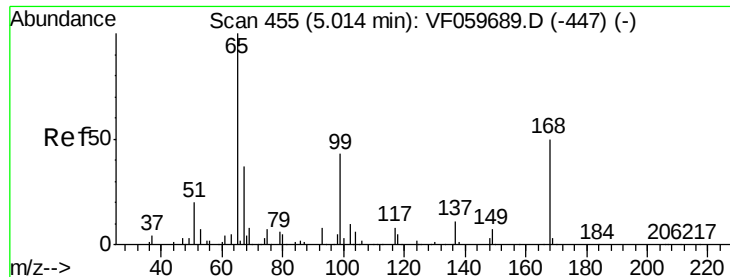
Tot Ion:168 Resp: 139540
Ion Ratio Lower Upper
168 100
99 69.4 63.3 94.9



#16
Acetone
Concen: 29.02 ug/l
RT: 2.34 min Scan# 183
Delta R.T. 0.01 min
Lab File: VF059852.D
Acq: 3 Aug 2018 21:24

Tgt Ion: 43 Resp: 13089
Ion Ratio Lower Upper
43 100
58 15.9 10.1 15.1#





#33

1,2-Dichloroethane-d4

Concen: 36.39 ug/l

RT: 5.02 min Scan# 455

Delta R.T. 0.01 min

Lab File: VF059852.D

Acq: 3 Aug 2018 21:24

Instrument :

MSVOA_F

ClientSampleId :

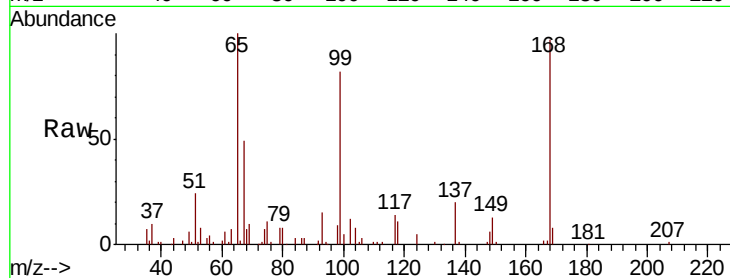
KG-PIT-6

Tot Ion: 65 Resp: 91247

Ion Ratio Lower Upper

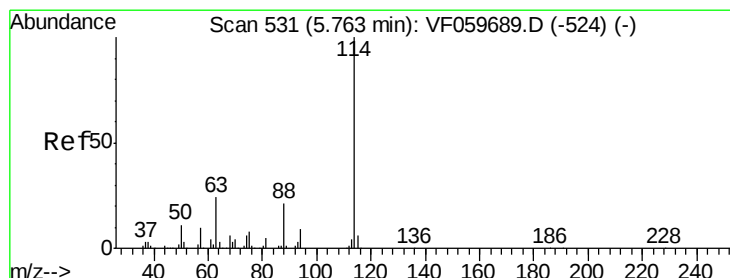
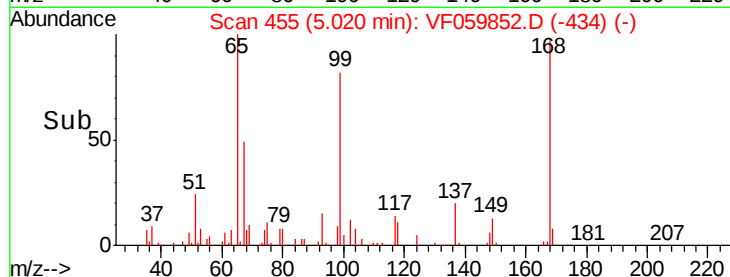
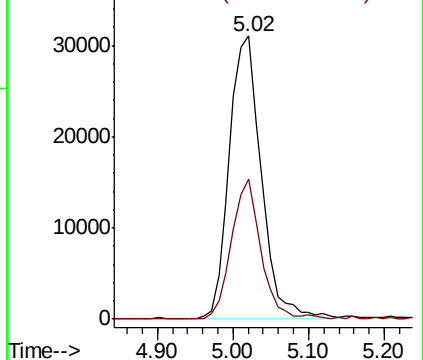
65 100

67 49.3 0.0 84.6



Abundance Ion 65.00 (64.70 to 65.70): VF0

Ion 67.00 (66.70 to 67.70): VF0



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 5.76 min Scan# 530

Delta R.T. -0.00 min

Lab File: VF059852.D

Acq: 3 Aug 2018 21:24

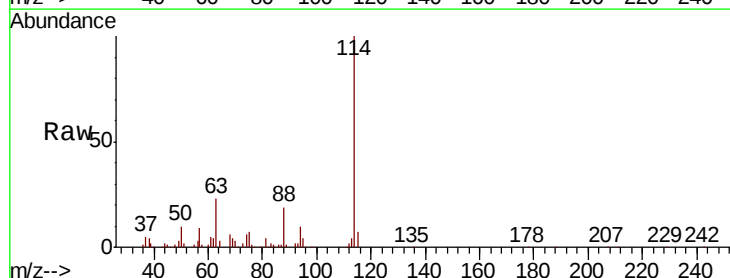
Tgt Ion: 114 Resp: 153948

Ion Ratio Lower Upper

114 100

63 22.6 0.0 47.4

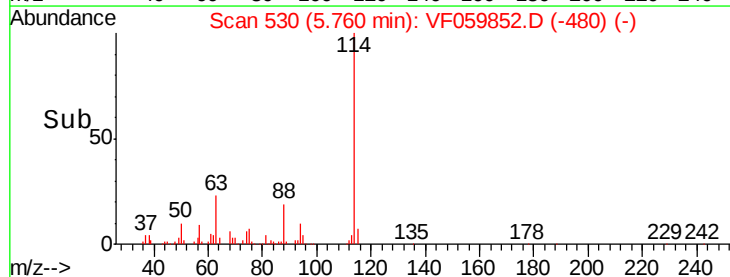
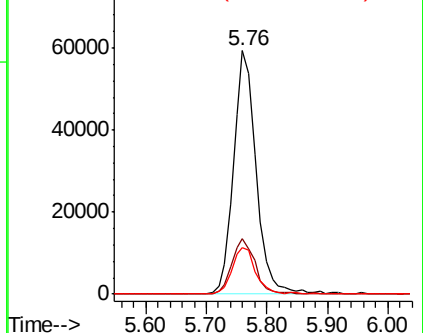
88 19.4 0.0 41.2

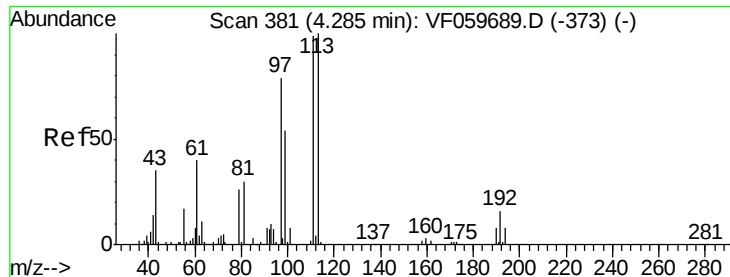


Abundance Ion 114.00 (113.70 to 114.70): V

Ion 63.00 (62.70 to 63.70): VF0

Ion 88.00 (87.70 to 88.70): VF0

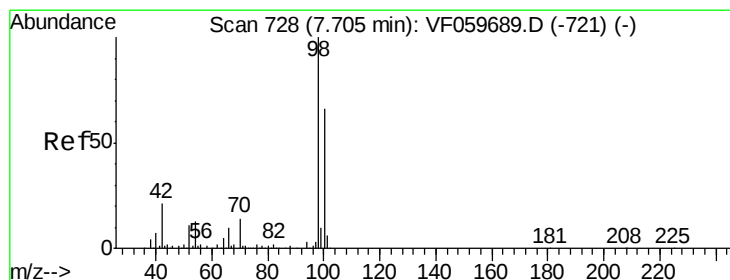
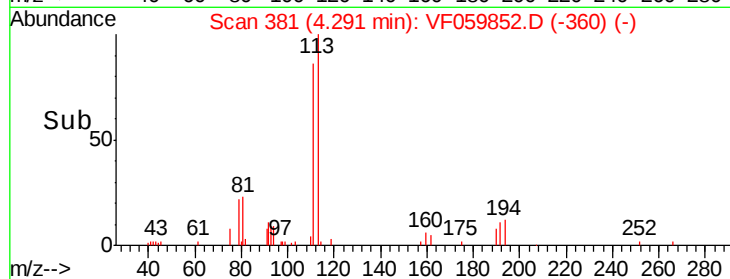
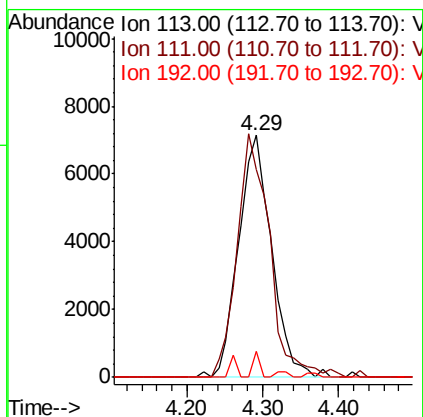
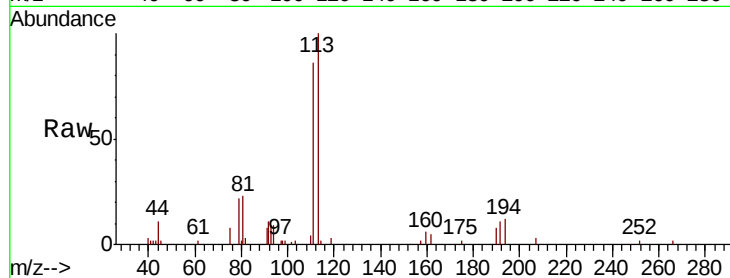




#35
 Dibromofluoromethane
 Concen: 13.58 ug/l
 RT: 4.29 min Scan# 381
 Delta R.T. 0.01 min
 Lab File: VF059852.D
 Acq: 3 Aug 2018 21:24

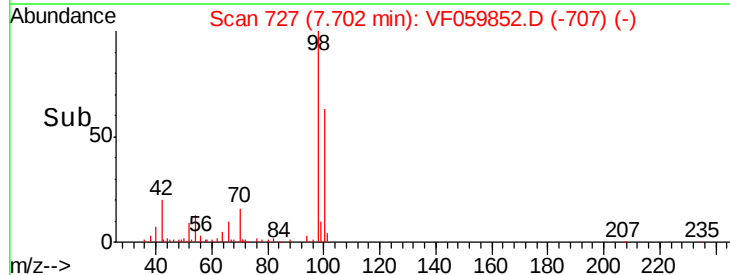
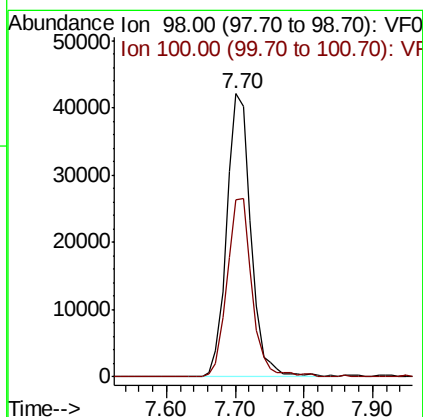
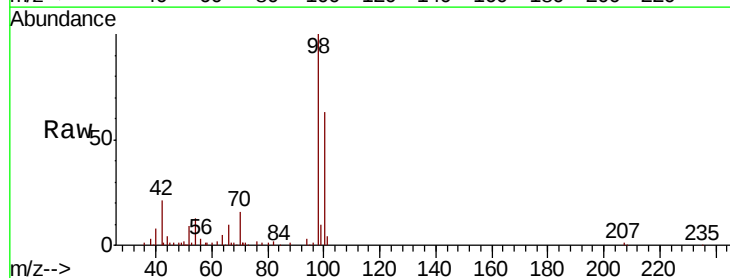
Instrument :
 MSVOA_F
 ClientSampleId :
 KG-PIT-6

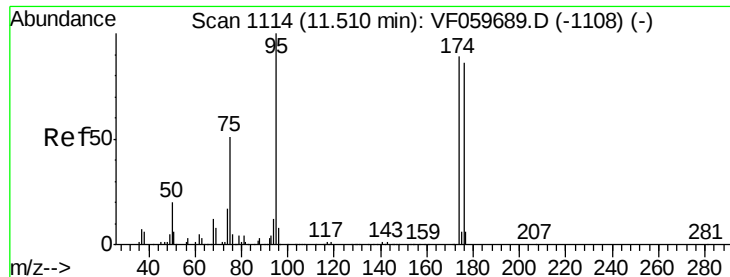
Tot Ion:113 Resp: 21720
 Ion Ratio Lower Upper
 113 100
 111 86.0 79.0 118.4
 192 10.7 13.2 19.8#



#50
 Toluene-d8
 Concen: 27.44 ug/l
 RT: 7.70 min Scan# 727
 Delta R.T. -0.00 min
 Lab File: VF059852.D
 Acq: 3 Aug 2018 21:24

Tgt Ion: 98 Resp: 102313
 Ion Ratio Lower Upper
 98 100
 100 62.6 52.8 79.2

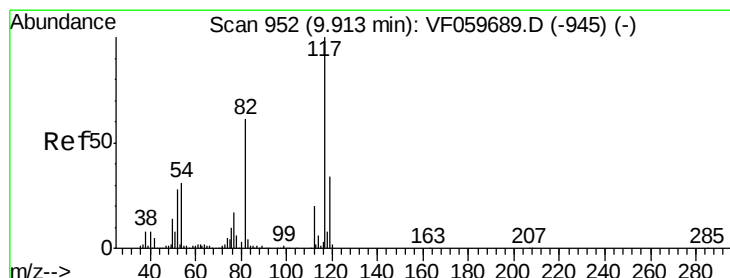
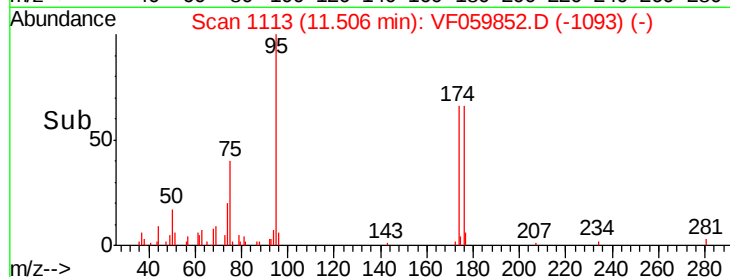
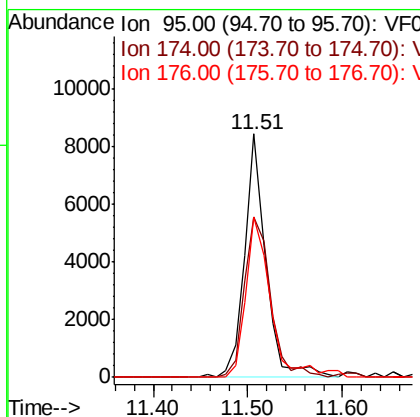
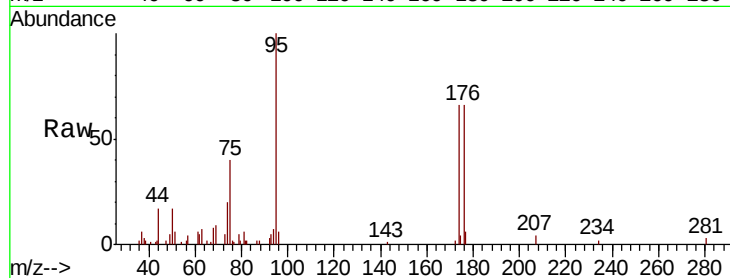




#62
4-Bromofluorobenzene
Concen: 6.41 ug/l
RT: 11.51 min Scan# 1113
Delta R.T. -0.00 min
Lab File: VF059852.D
Acq: 3 Aug 2018 21:24

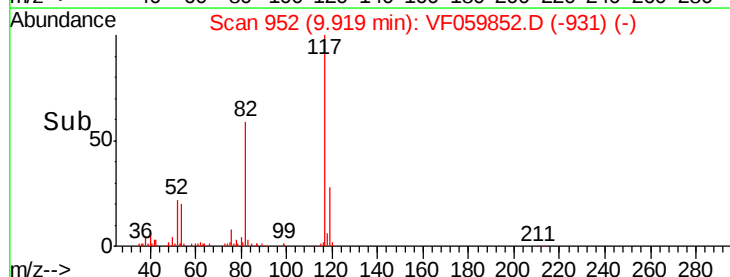
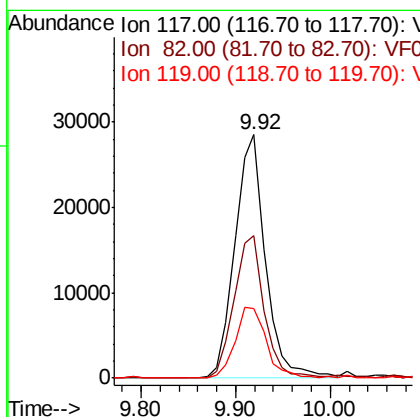
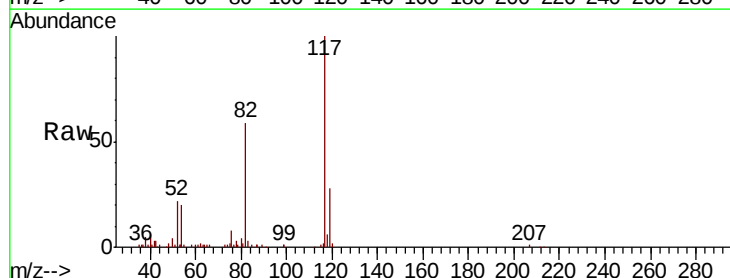
Instrument :
MSVOA_F
ClientSampled :
KG-PIT-6

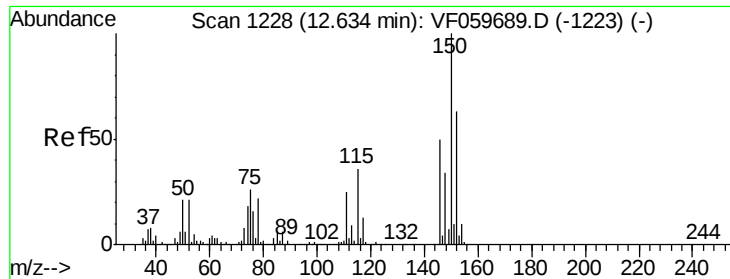
Tot Ion: 95 Resp: 13227
Ion Ratio Lower Upper
95 100
174 69.9 0.0 178.4
176 65.8 0.0 173.0



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.92 min Scan# 952
Delta R.T. 0.01 min
Lab File: VF059852.D
Acq: 3 Aug 2018 21:24

Tgt Ion: 117 Resp: 63814
Ion Ratio Lower Upper
117 100
82 58.7 49.0 73.4
119 28.4 27.3 40.9



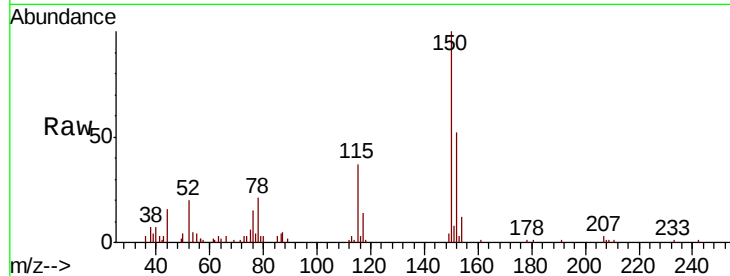


#72

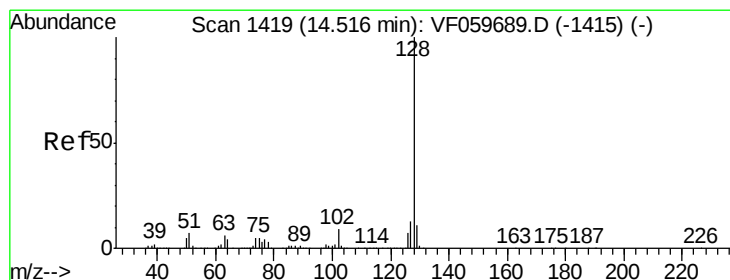
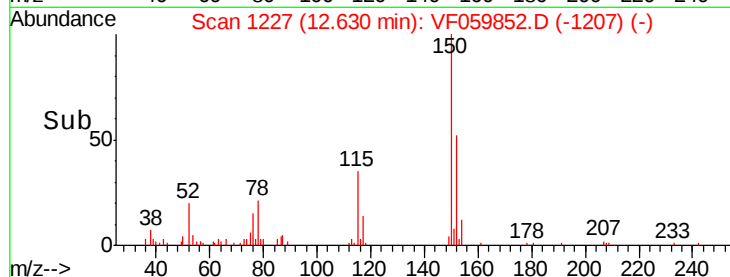
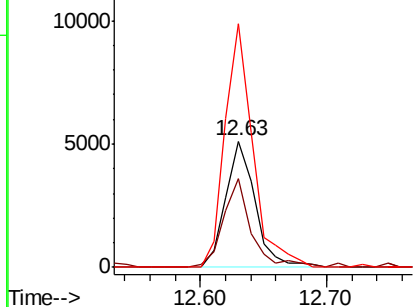
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.63 min Scan# 1227
Delta R.T. -0.00 min
Lab File: VF059852.D
Acq: 3 Aug 2018 21:24

Instrument :
MSVOA_F
ClientSampled :
KG-PIT-6

Tot Ion:152 Resp: 8293
Ion Ratio Lower Upper
152 100
115 70.9 28.2 84.6
150 193.2 0.0 316.2



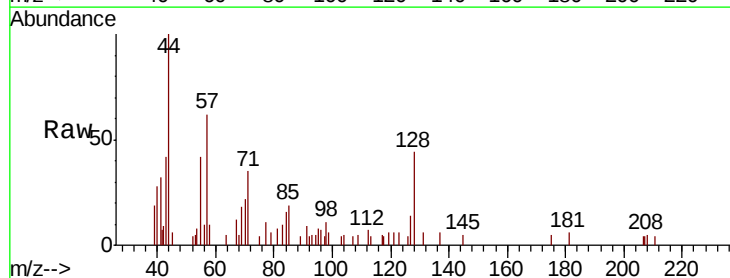
Abundance Ion 152.00 (151.70 to 152.70): V
Ion 115.00 (114.70 to 115.70): V
Ion 150.00 (149.70 to 150.70): V



#95

Naphthalene
Concen: 5.51 ug/l
RT: 14.52 min Scan# 1419
Delta R.T. 0.01 min
Lab File: VF059852.D
Acq: 3 Aug 2018 21:24

Tgt Ion:128 Resp: 1971
Ion Ratio Lower Upper
128 100
127 31.5 10.0 15.0#
129 0.0 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

