

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF080318\
 Data File : VF059856.D
 Acq On : 3 Aug 2018 23:14
 Operator : VA/AP
 Sample : J4316-01
 Misc : 5.00g/5mL/MSVOA F/SOIL
 ALS Vial : 100 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 T40-STONE-1

Quant Time: Aug 04 04:42:57 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	196752	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.77	114	309014	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.92	117	233535	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.63	152	90264	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	158040	44.69	ug/l	0.00
Spiked Amount			Recovery	=	89.38%	
35) Dibromofluoromethane	4.29	113	131614	41.01	ug/l	0.00
Spiked Amount			Recovery	=	82.02%	
50) Toluene-d8	7.71	98	216300	28.90	ug/l	0.00
Spiked Amount			Recovery	=	57.80%	
62) 4-Bromofluorobenzene	11.51	95	90280	21.79	ug/l	0.00
Spiked Amount			Recovery	=	43.58%	

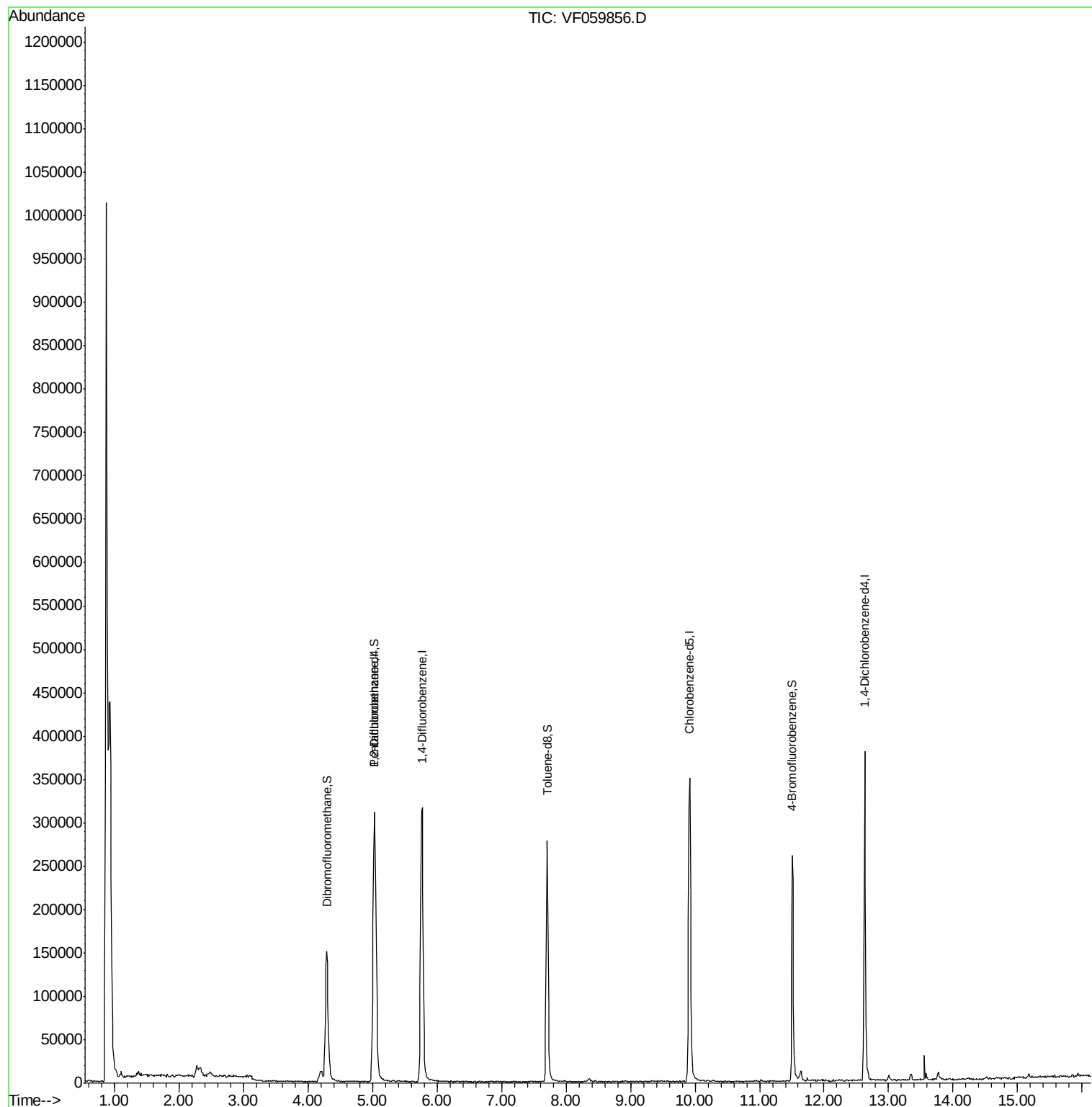
Target Compounds	Qvalue
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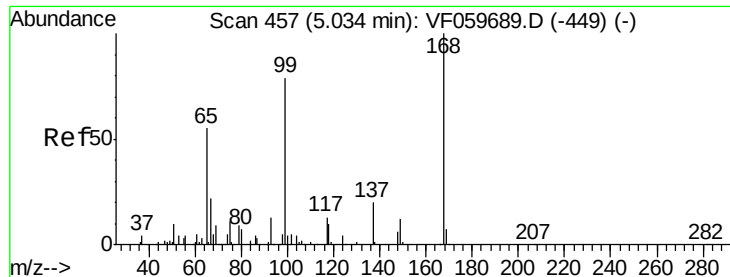
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF080318\
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Misc : 5.00µ/5mL/MSVOA F/SOIL
ALS Vial : 100 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_F\METHODS\82F073018S.M
Quant Title : SW846 8260
QLast Update : Tue Jul 31 15:23:22 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.04 min Scan# 457

Delta R.T. 0.01 min

Lab File: VF059856.D

Acq: 3 Aug 2018 23:14

Instrument :

MSVOA_F

ClientSampleId :

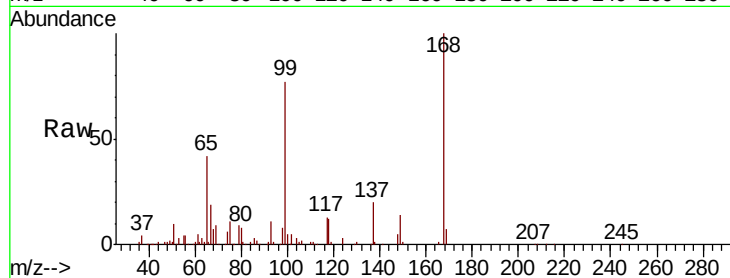
T40-STONE-1

Tot Ion:168 Resp: 196752

Ion Ratio Lower Upper

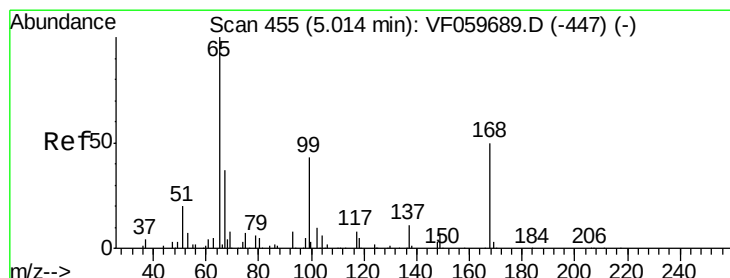
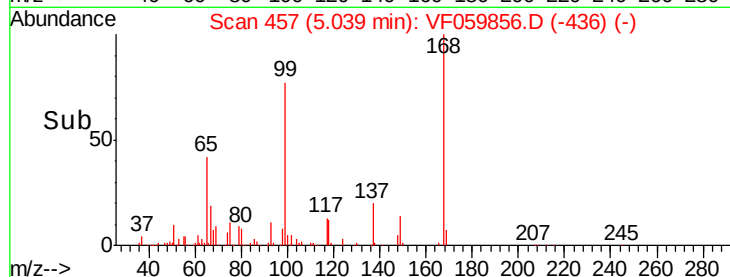
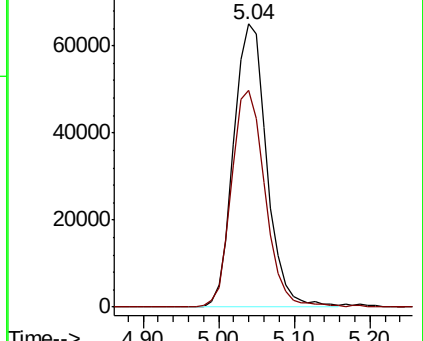
168 100

99 76.5 63.3 94.9



Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0



#33

1,2-Dichloroethane-d4

Concen: 44.69 ug/l

RT: 5.02 min Scan# 455

Delta R.T. 0.01 min

Lab File: VF059856.D

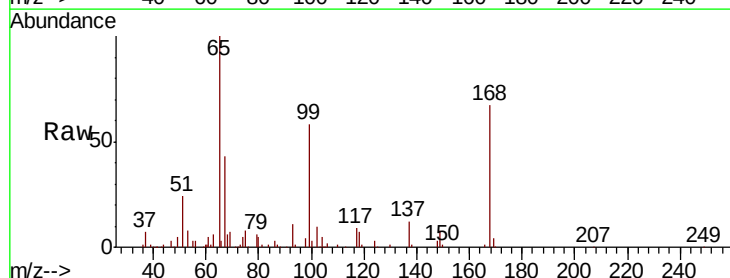
Acq: 3 Aug 2018 23:14

Tgt Ion: 65 Resp: 158040

Ion Ratio Lower Upper

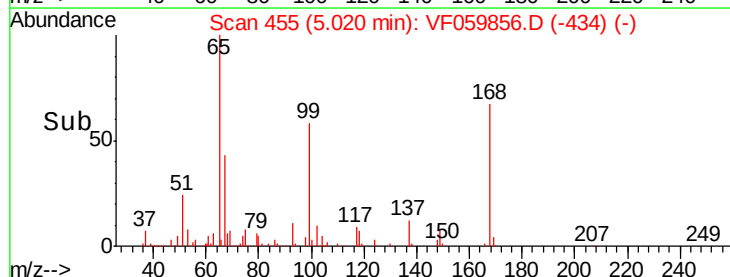
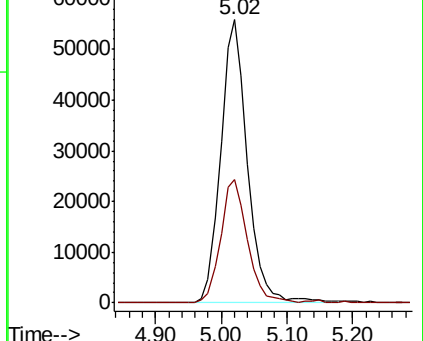
65 100

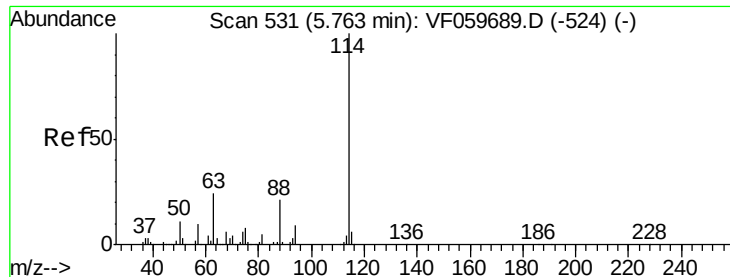
67 43.4 0.0 84.6



Abundance Ion 65.00 (64.70 to 65.70): VF0

Ion 67.00 (66.70 to 67.70): VF0

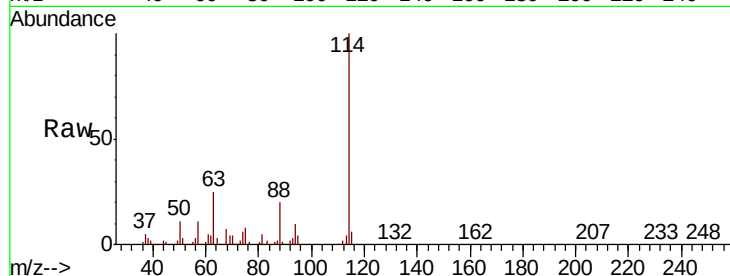




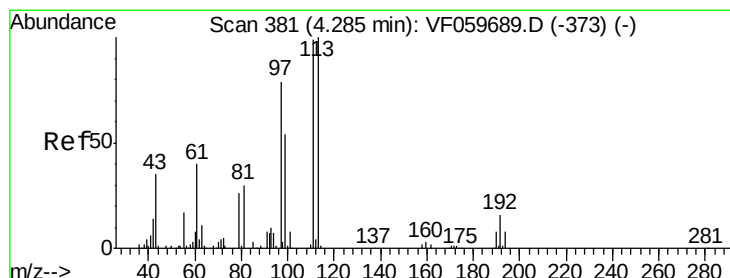
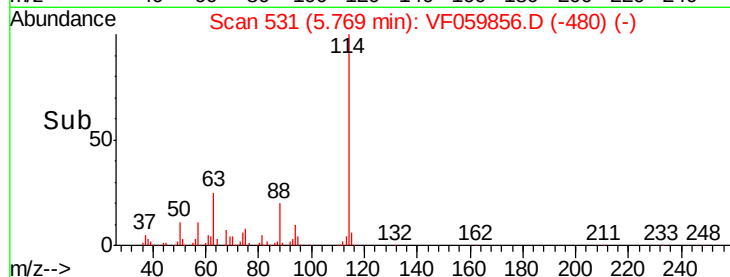
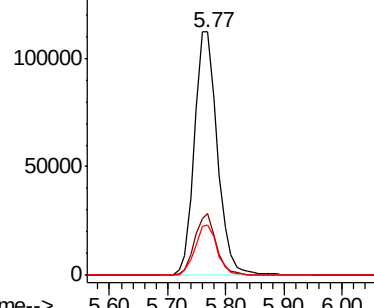
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 5.77 min Scan# 531
 Delta R.T. 0.01 min
 Lab File: VF059856.D
 Acq: 3 Aug 2018 23:14

Instrument :
 MSVOA_F
 ClientSampleId :
 T40-STONE-1

Tot Ion	Ratio	Lower	Upper
114	100		
63	25.4	0.0	47.4
88	20.5	0.0	41.2

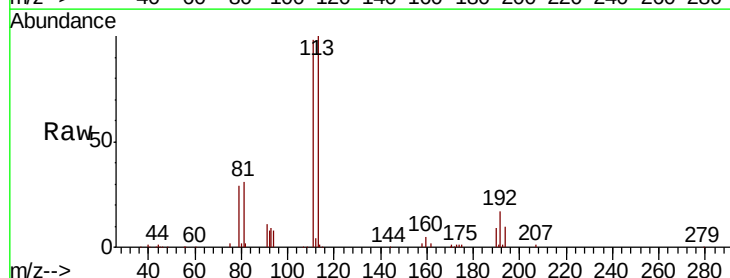


Abundance Ion 114.00 (113.70 to 114.70): V
 150000 Ion 63.00 (62.70 to 63.70): VF0
 100000 Ion 88.00 (87.70 to 88.70): VF0

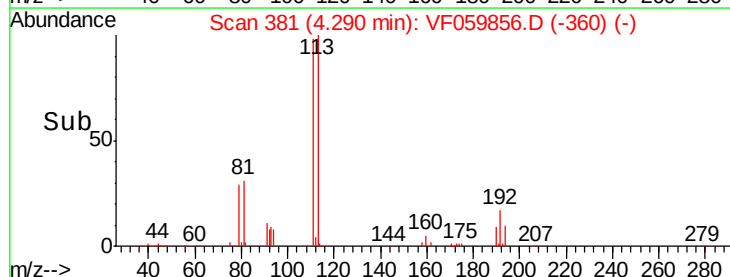
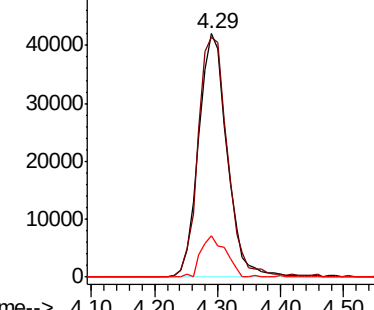


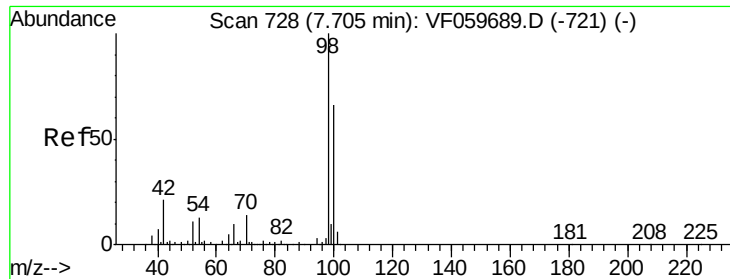
#35
 Dibromofluoromethane
 Concen: 41.01 ug/l
 RT: 4.29 min Scan# 381
 Delta R.T. 0.01 min
 Lab File: VF059856.D
 Acq: 3 Aug 2018 23:14

Tgt Ion	Ratio	Lower	Upper
113	100		
111	98.3	79.0	118.4
192	16.9	13.2	19.8



Abundance Ion 113.00 (112.70 to 113.70): V
 50000 Ion 111.00 (110.70 to 111.70): V
 40000 Ion 192.00 (191.70 to 192.70): V

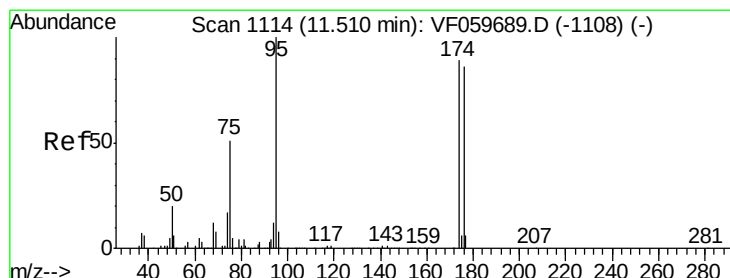
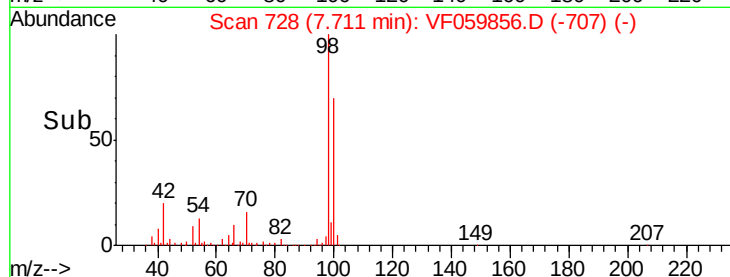
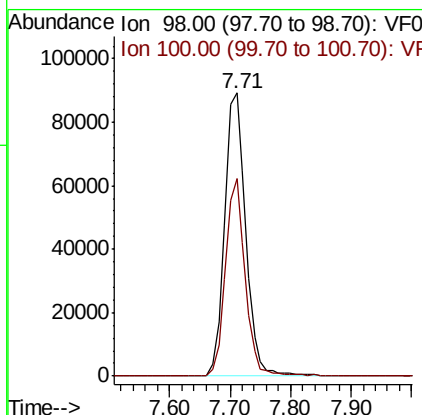
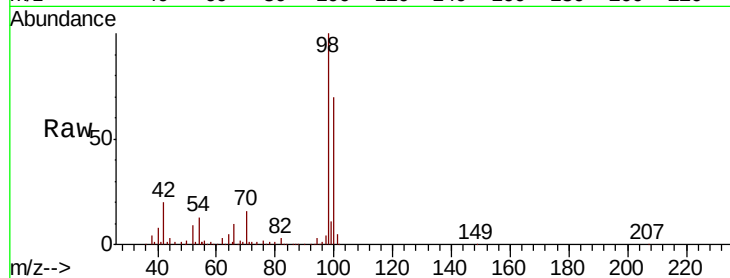




#50
Toluene-d8
Concen: 28.90 ug/l
RT: 7.71 min Scan# 728
Delta R.T. 0.01 min
Lab File: VF059856.D
Acq: 3 Aug 2018 23:14

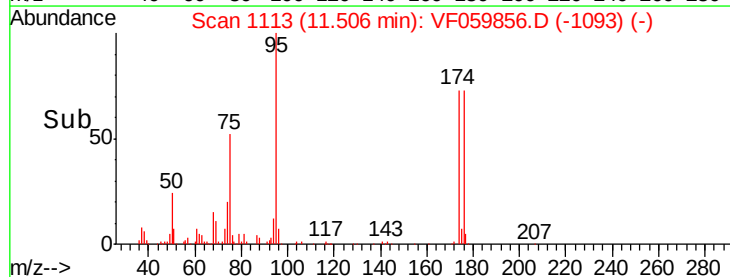
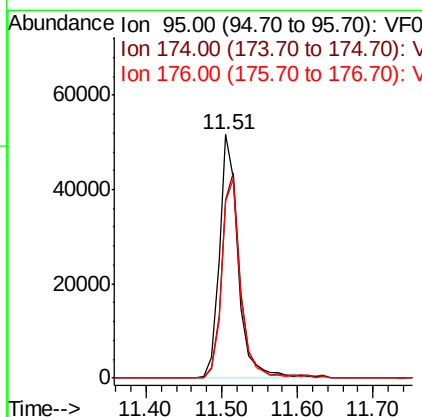
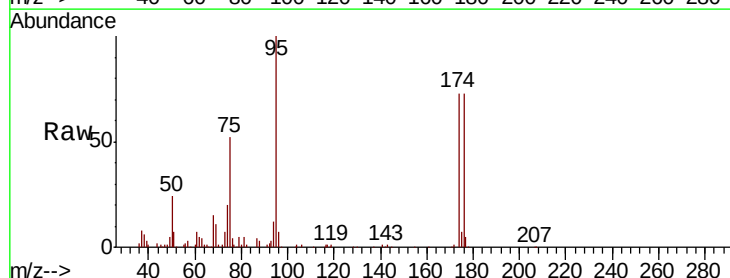
Instrument :
MSVOA_F
ClientSampleId :
T40-STONE-1

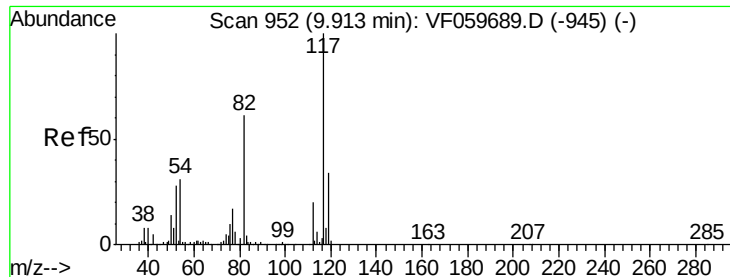
Tot Ion: 98 Resp: 216300
Ion Ratio Lower Upper
98 100
100 69.7 52.8 79.2



#62
4-Bromofluorobenzene
Concen: 21.79 ug/l
RT: 11.51 min Scan# 1113
Delta R.T. -0.00 min
Lab File: VF059856.D
Acq: 3 Aug 2018 23:14

Tgt Ion: 95 Resp: 90280
Ion Ratio Lower Upper
95 100
174 73.1 0.0 178.4
176 72.6 0.0 173.0

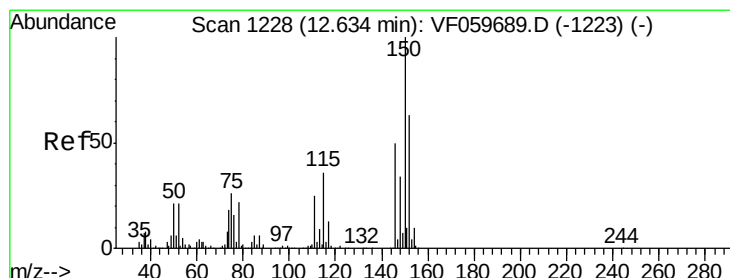
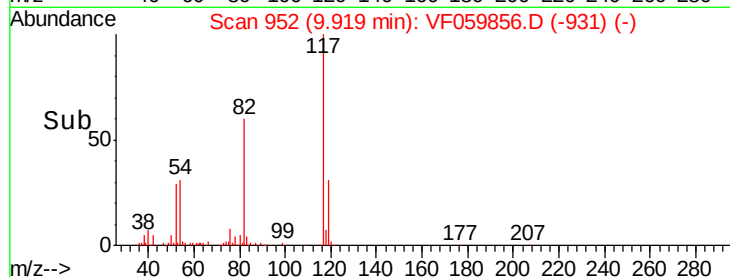
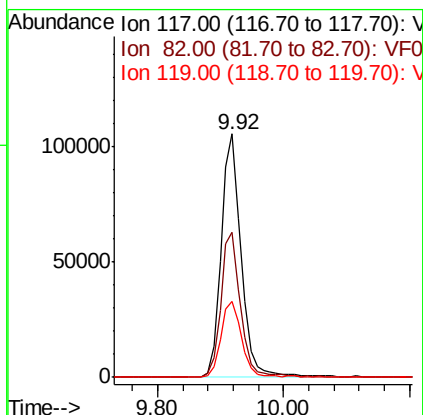
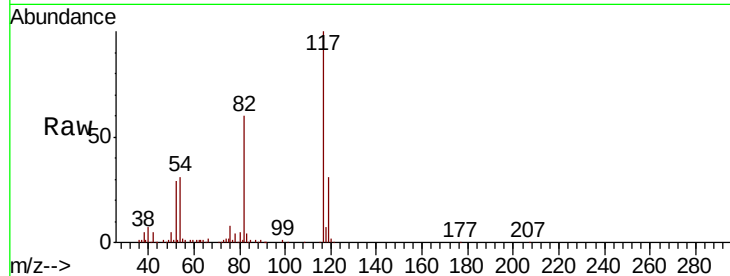




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.92 min Scan# 952
Delta R.T. 0.01 min
Lab File: VF059856.D
Acq: 3 Aug 2018 23:14

Instrument :
MSVOA_F
ClientSampled :
T40-STONE-1

Tot Ion	Ratio	Lower	Upper
117	100		
82	59.7	49.0	73.4
119	31.3	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: VF059856.D
Acq: 3 Aug 2018 23:14

Tgt Ion	Ratio	Lower	Upper
152	100		
115	62.0	28.2	84.6
150	146.2	0.0	316.2

