

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF080318\
 Data File : VF059857.D
 Acq On : 3 Aug 2018 23:41
 Operator : VA/AP
 Sample : J4316-05
 Misc : 5.13g/5mL/MSVOA F/SOIL
 ALS Vial : 100 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 T40-CLAY-1

Quant Time: Aug 04 04:57:58 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	131987	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	5.76	114	176067	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.91	117	158267	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.63	152	99098	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.01	65	82165	34.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	69.28%	
35) Dibromofluoromethane	4.30	113	73831	40.37	ug/l	0.01
Spiked Amount	50.000		Recovery	=	80.74%	
50) Toluene-d8	7.71	98	155282	36.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	72.82%	
62) 4-Bromofluorobenzene	11.51	95	78442	33.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	66.46%	

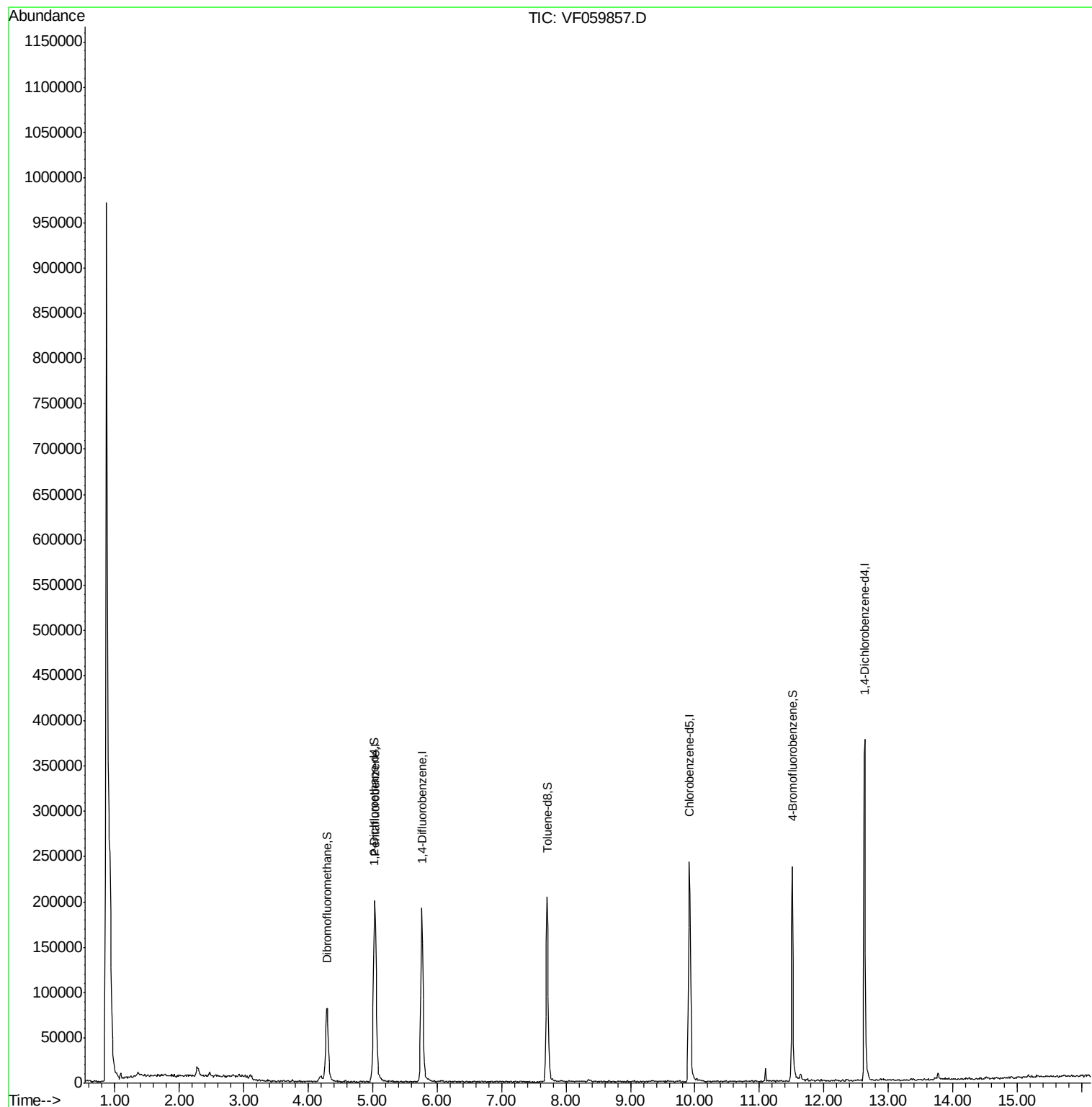
Target Compounds	Qvalue

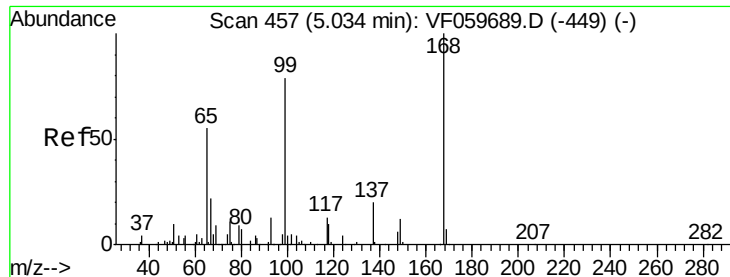
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF080318\
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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# 458

Delta R.T. 0.01 min

Lab File: VF059857.D

Acq: 3 Aug 2018 23:41

Instrument :

MSVOA_F

ClientSampleId :

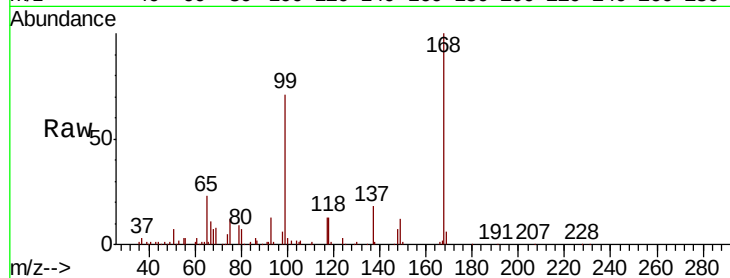
T40-CLAY-1

Tot Ion:168 Resp: 131987

Ion Ratio Lower Upper

168 100

99 71.3 63.3 94.9



Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

5.04

40000

30000

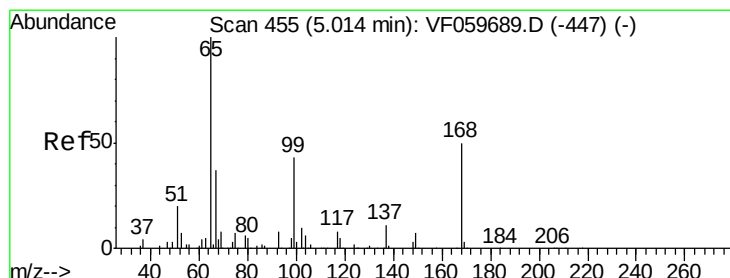
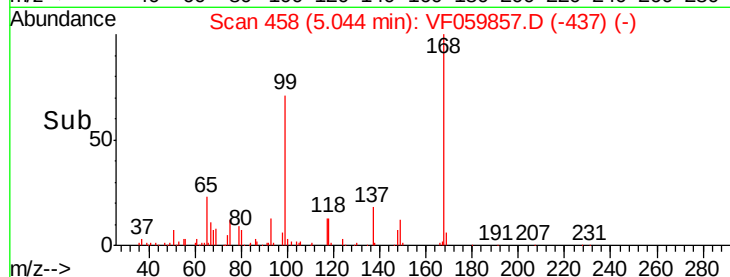
20000

10000

0

Time-->

4.90 5.00 5.10 5.20



#33

1,2-Dichloroethane-d4

Concen: 34.64 ug/l

RT: 5.01 min Scan# 455

Delta R.T. 0.00 min

Lab File: VF059857.D

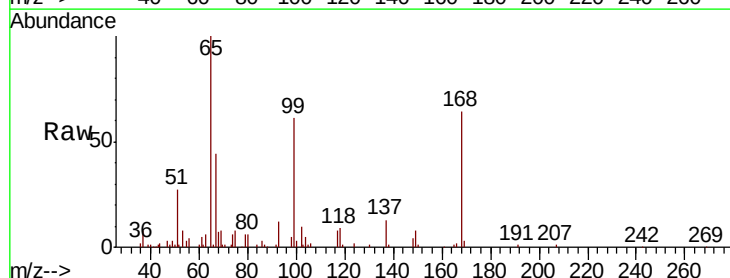
Acq: 3 Aug 2018 23:41

Tgt Ion: 65 Resp: 82165

Ion Ratio Lower Upper

65 100

67 43.7 0.0 84.6



Abundance Ion 65.00 (64.70 to 65.70): VF0

Ion 67.00 (66.70 to 67.70): VF0

5.01

30000

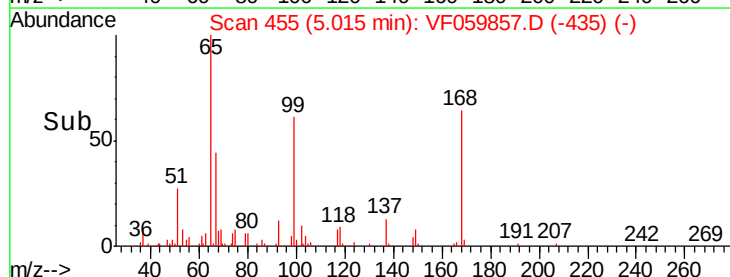
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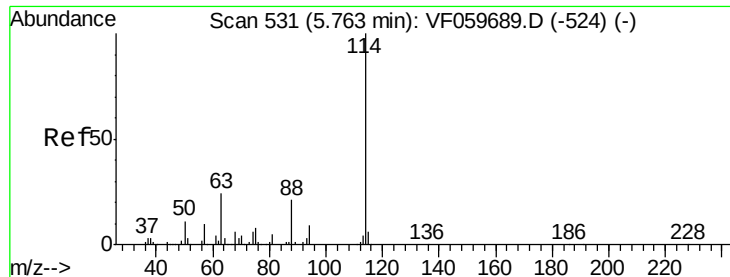
10000

0

Time-->

4.90 5.00 5.10 5.20

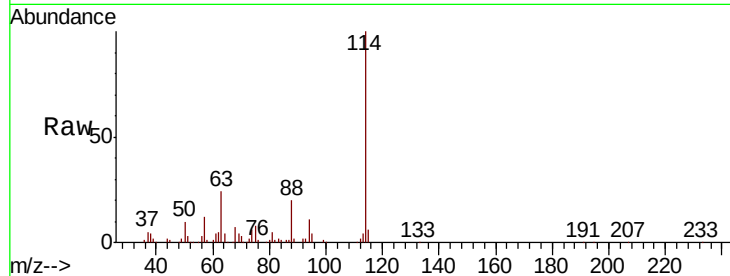




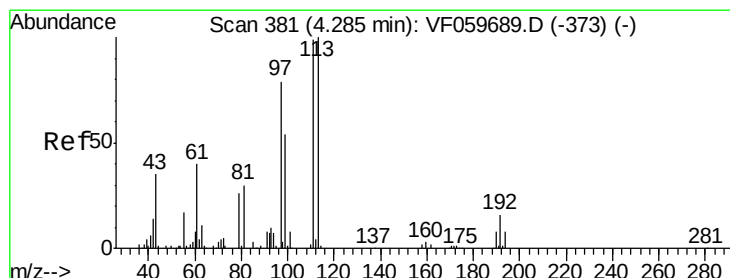
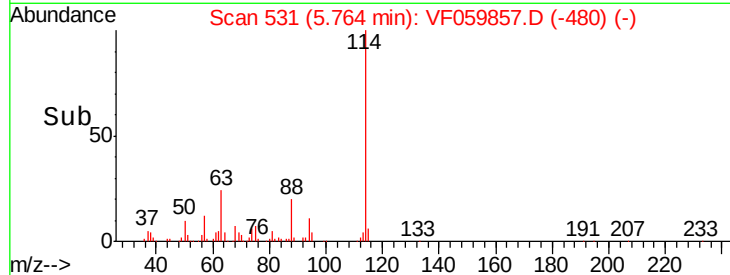
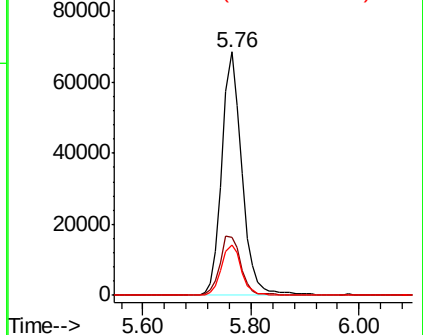
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 5.76 min Scan# 531
 Delta R.T. 0.00 min
 Lab File: VF059857.D
 Acq: 3 Aug 2018 23:41

Instrument :
 MSVOA_F
 ClientSampleId :
 T40-CLAY-1

Tot Ion	Ratio	Lower	Upper
114	100		
63	24.0	0.0	47.4
88	20.5	0.0	41.2

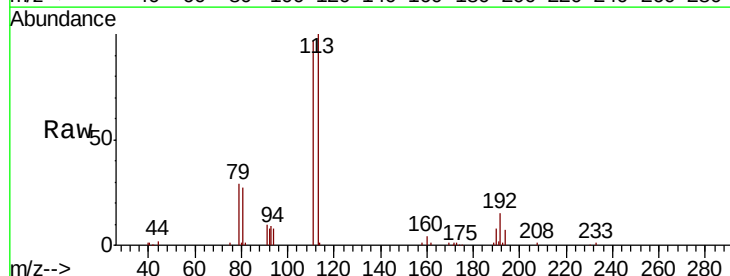


Abundance Ion 114.00 (113.70 to 114.70): V
 Ion 63.00 (62.70 to 63.70): VF0
 Ion 88.00 (87.70 to 88.70): VF0

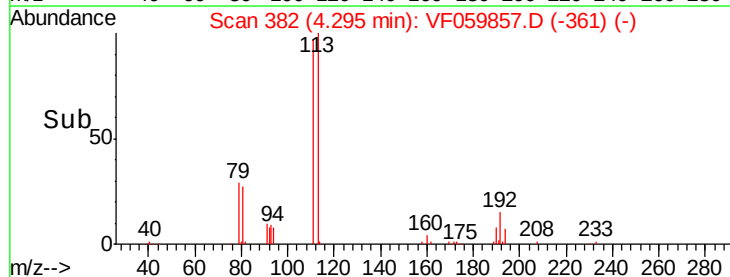
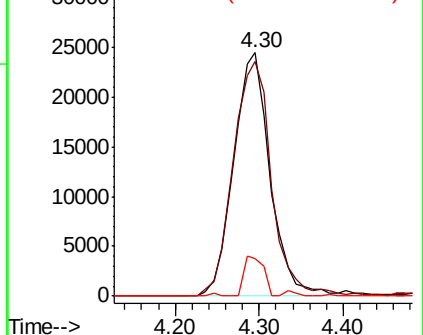


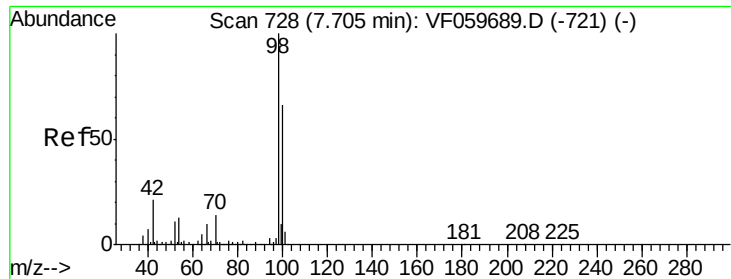
#35
 Dibromofluoromethane
 Concen: 40.37 ug/l
 RT: 4.30 min Scan# 382
 Delta R.T. 0.01 min
 Lab File: VF059857.D
 Acq: 3 Aug 2018 23:41

Tgt Ion	Ratio	Lower	Upper
113	100		
111	96.6	79.0	118.4
192	15.4	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

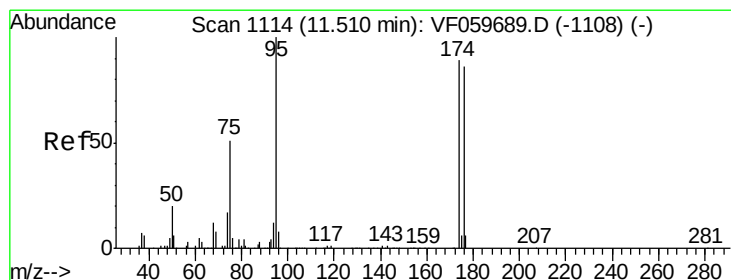
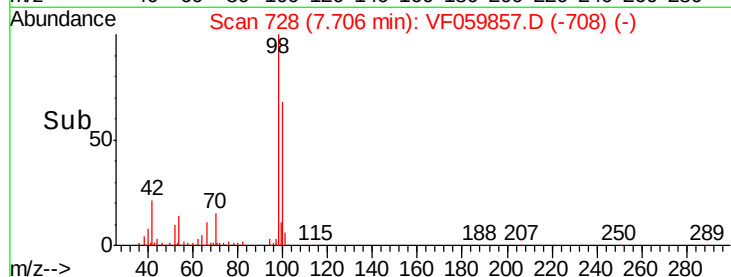
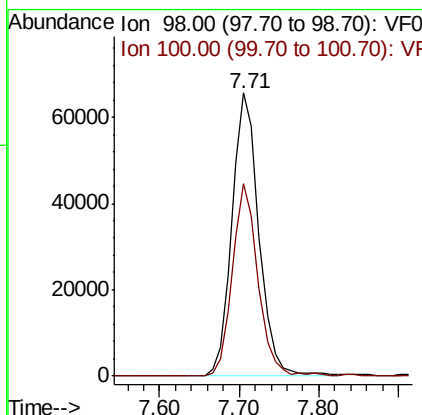
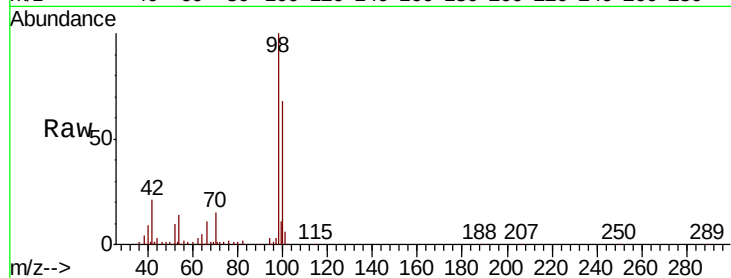




#50
Toluene-d8
Concen: 36.41 ug/l
RT: 7.71 min Scan# 728
Delta R.T. 0.00 min
Lab File: VF059857.D
Acq: 3 Aug 2018 23:41

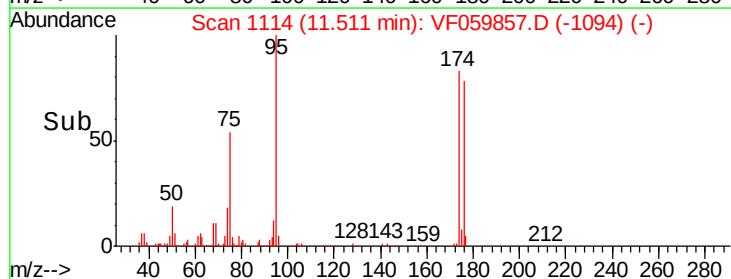
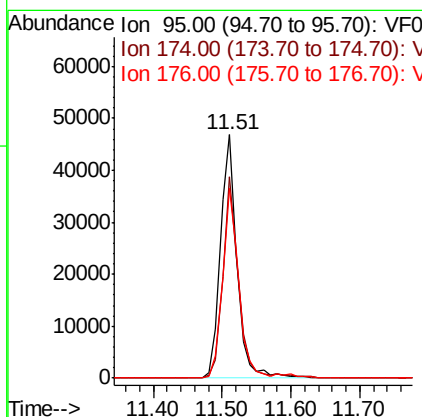
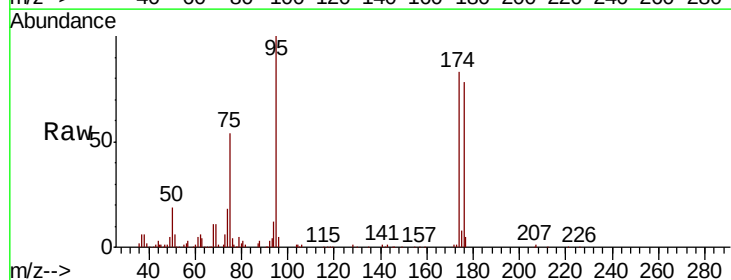
Instrument :
MSVOA_F
ClientSampleId :
T40-CLAY-1

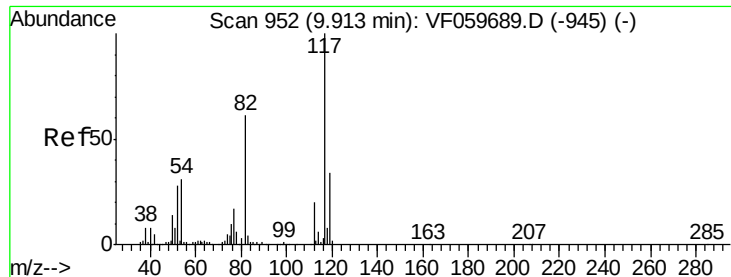
Tot Ion: 98 Resp: 155282
Ion Ratio Lower Upper
98 100
100 68.0 52.8 79.2



#62
4-Bromofluorobenzene
Concen: 33.23 ug/l
RT: 11.51 min Scan# 1114
Delta R.T. 0.00 min
Lab File: VF059857.D
Acq: 3 Aug 2018 23:41

Tgt Ion: 95 Resp: 78442
Ion Ratio Lower Upper
95 100
174 82.9 0.0 178.4
176 78.0 0.0 173.0

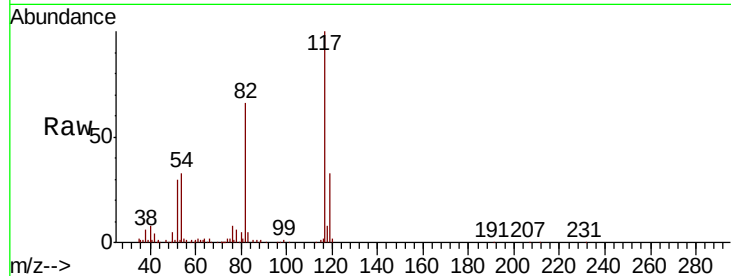




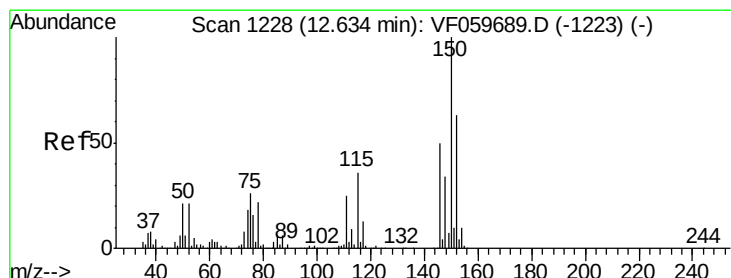
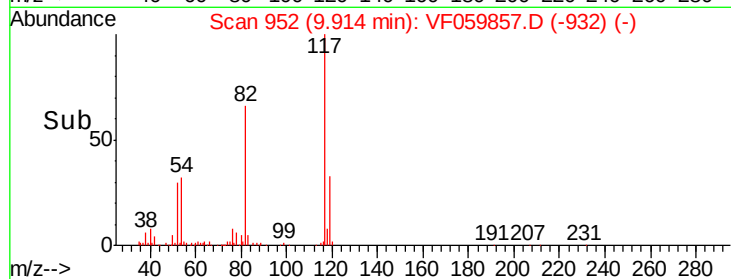
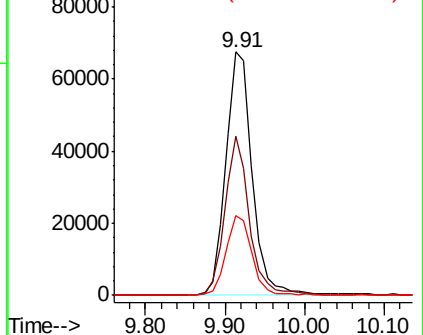
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.91 min Scan# 952
Delta R.T. 0.00 min
Lab File: VF059857.D
Acq: 3 Aug 2018 23:41

Instrument :
MSVOA_F
ClientSampleId :
T40-CLAY-1

Tot Ion	Ratio	Lower	Upper
117	100		
82	65.5	49.0	73.4
119	33.0	27.3	40.9

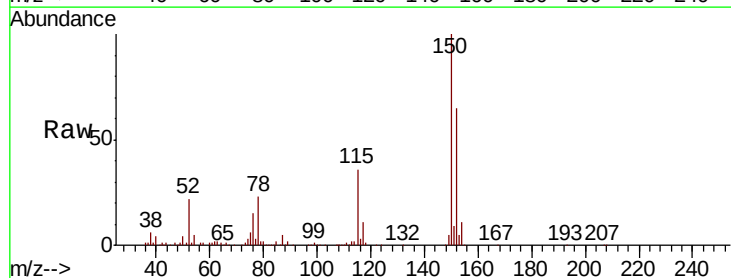


Abundance Ion 117.00 (116.70 to 117.70): V
Ion 82.00 (81.70 to 82.70): VF0
Ion 119.00 (118.70 to 119.70): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.63 min Scan# 1228
Delta R.T. 0.00 min
Lab File: VF059857.D
Acq: 3 Aug 2018 23:41

Tgt Ion	Ratio	Lower	Upper
152	100		
115	56.4	28.2	84.6
150	154.9	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

