

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF080218\
 Data File : VF059832.D
 Acq On : 3 Aug 2018 11:29
 Operator : VA/AP
 Sample : J4267-13
 Misc : 5.02g/5mL/MSVOA F/SOIL
 ALS Vial : 100 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 UST-W

Quant Time: Aug 03 13:28:14 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	5.03	168	231964	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.75	114	302020	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.91	117	132723	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.62	152	119999	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.01	65	158103	37.92	ug/l	0.00
Spiked Amount 50.000			Recovery	=	75.84%	
35) Dibromofluoromethane	4.29	113	131743	42.00	ug/l	0.00
Spiked Amount 50.000			Recovery	=	84.00%	
50) Toluene-d8	7.71	98	50125	6.85	ug/l	0.00
Spiked Amount 50.000			Recovery	=	13.70%	
62) 4-Bromofluorobenzene	11.51	95	104616	25.83	ug/l	0.00
Spiked Amount 50.000			Recovery	=	51.66%	

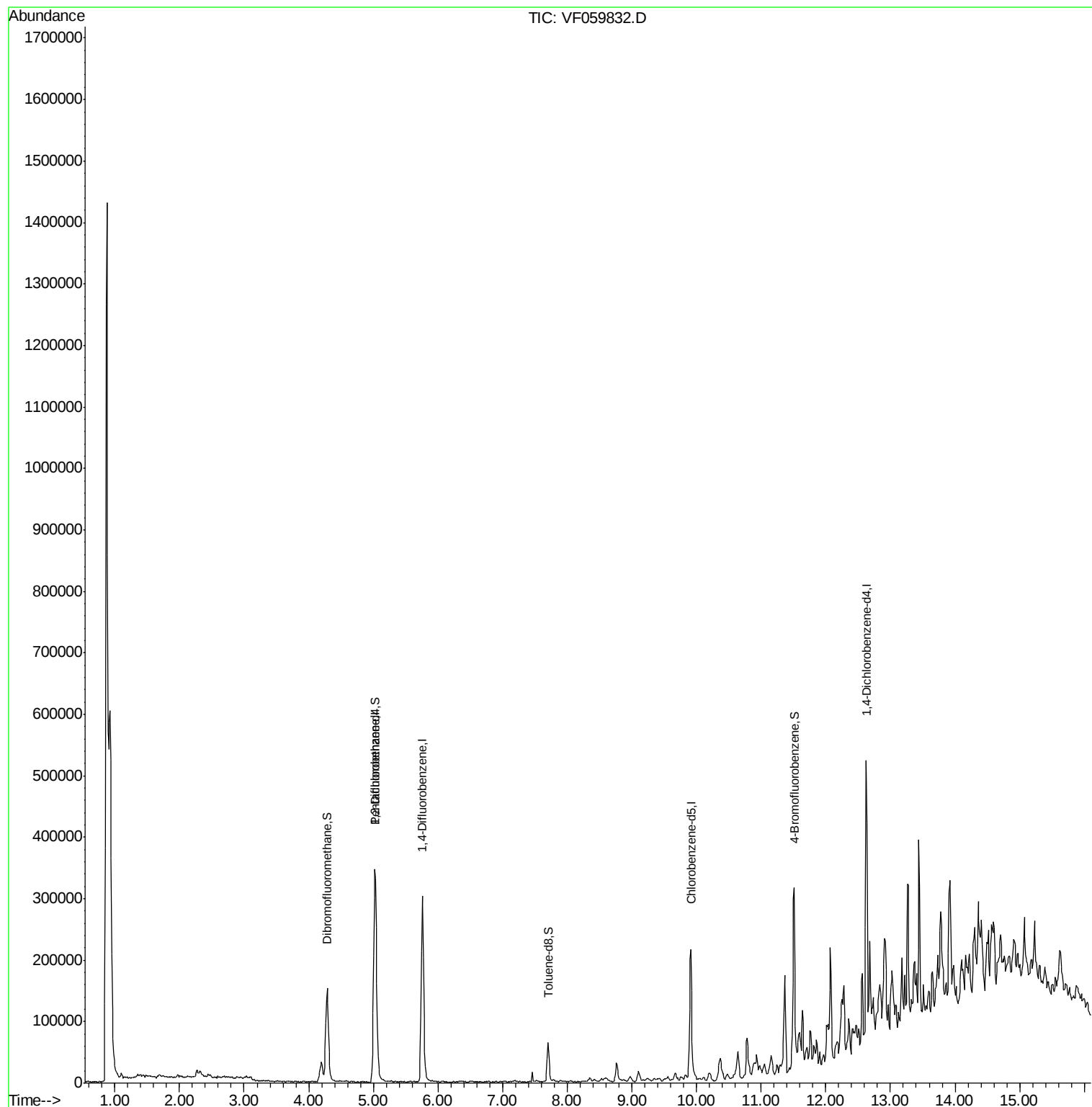
Target Compounds	Qvalue
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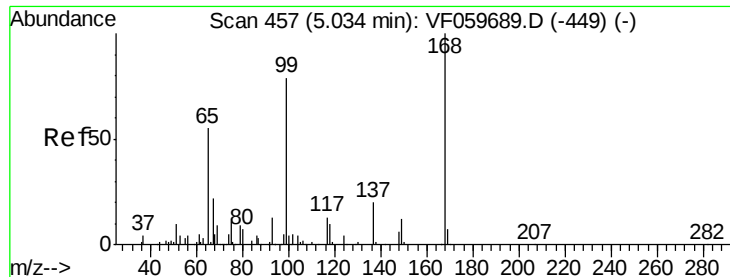
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: 5.03 min Scan# 457

Delta R.T. 0.00 min

Lab File: VF059832.D

Acq: 3 Aug 2018 11:29

Instrument :

MSVOA_F

ClientSampleId :

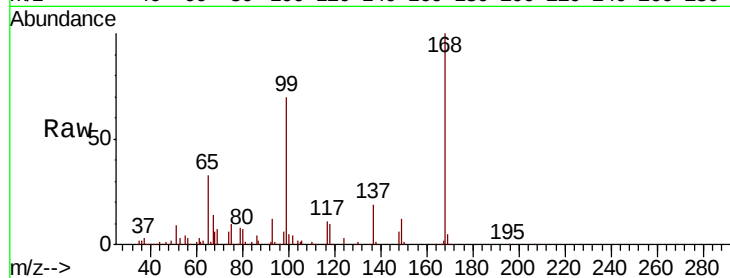
UST-W

Tot Ion:168 Resp: 231964

Ion Ratio Lower Upper

168 100

99 70.2 63.3 94.9



Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

80000

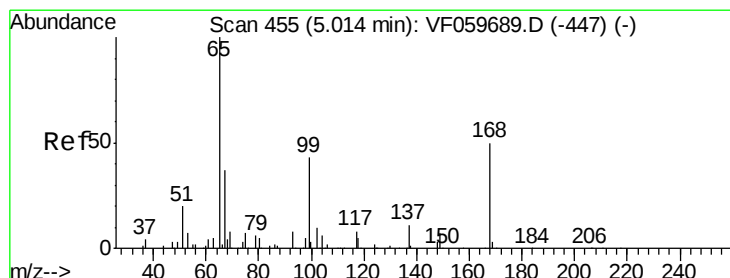
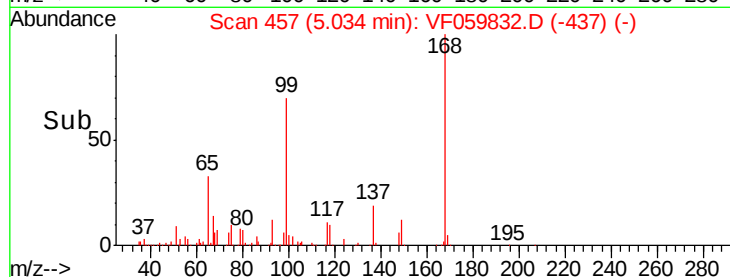
60000

40000

20000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 37.92 ug/l

RT: 5.01 min Scan# 455

Delta R.T. 0.00 min

Lab File: VF059832.D

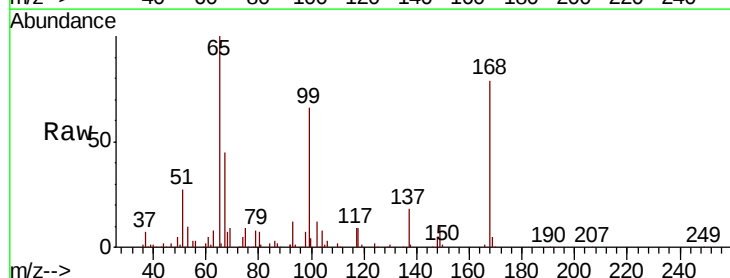
Acq: 3 Aug 2018 11:29

Tgt Ion: 65 Resp: 158103

Ion Ratio Lower Upper

65 100

67 45.1 0.0 84.6



Abundance Ion 65.00 (64.70 to 65.70): VF0

Ion 67.00 (66.70 to 67.70): VF0

60000

50000

40000

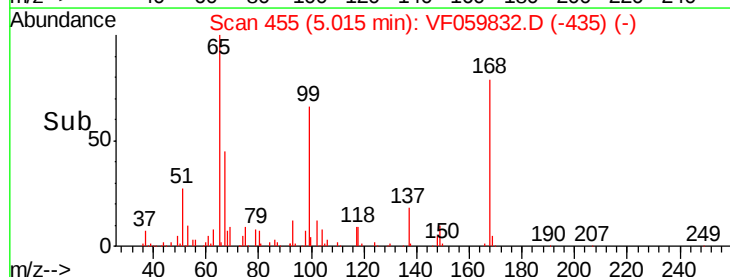
30000

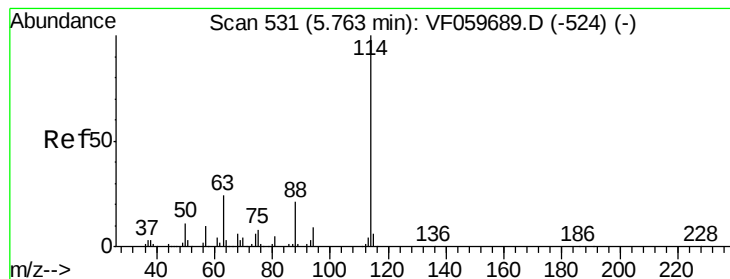
20000

10000

0

Time-->





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 5.75 min Scan# 530

Delta R.T. -0.01 min

Lab File: VF059832.D

Acq: 3 Aug 2018 11:29

Instrument :

MSVOA_F

ClientSampleId :

UST-W

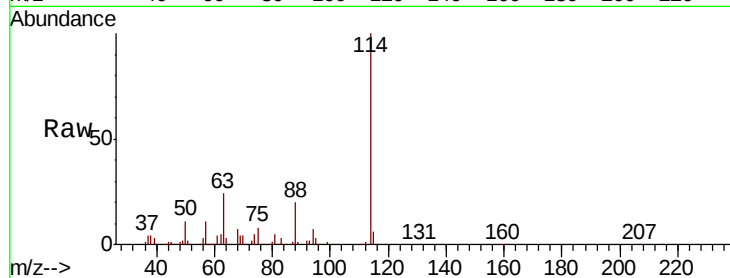
Tot Ion:114 Resp: 302020

Ion Ratio Lower Upper

114 100

63 24.2 0.0 47.4

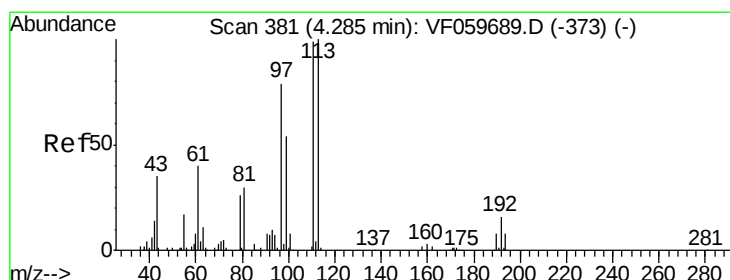
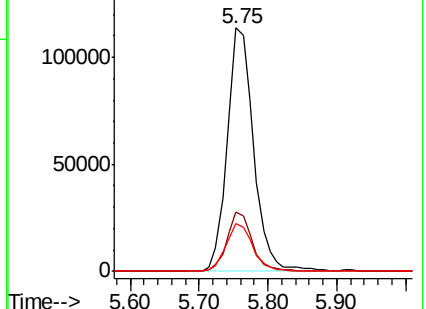
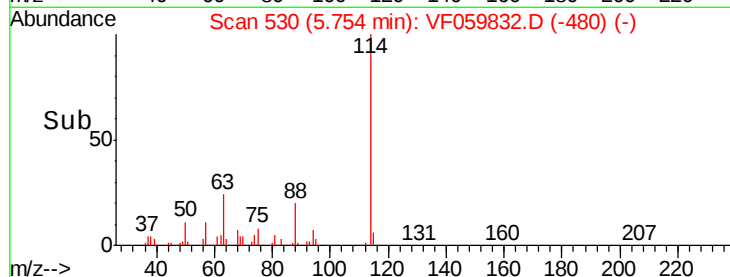
88 19.7 0.0 41.2



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: 42.00 ug/l

RT: 4.29 min Scan# 381

Delta R.T. 0.00 min

Lab File: VF059832.D

Acq: 3 Aug 2018 11:29

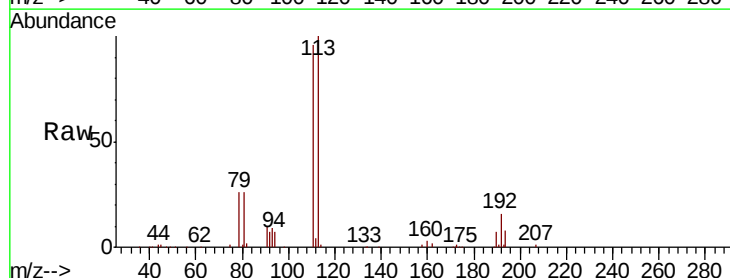
Tgt Ion:113 Resp: 131743

Ion Ratio Lower Upper

113 100

111 95.4 79.0 118.4

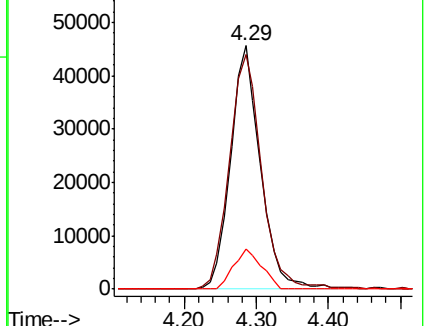
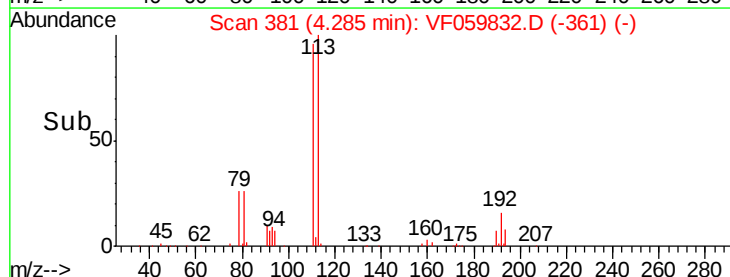
192 16.1 13.2 19.8

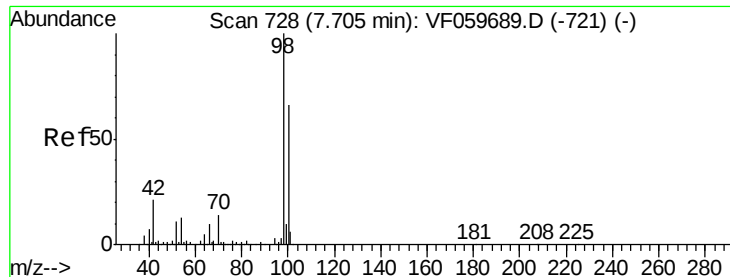


Abundance Ion 113.00 (112.70 to 113.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 192.00 (191.70 to 192.70): V

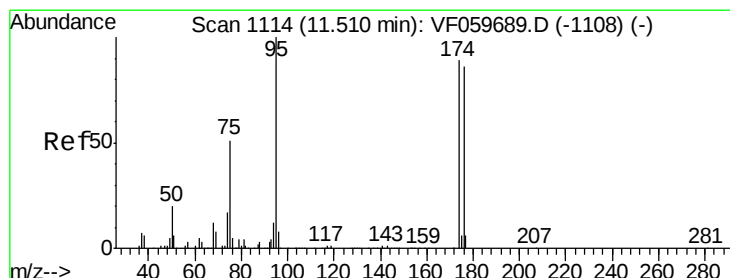
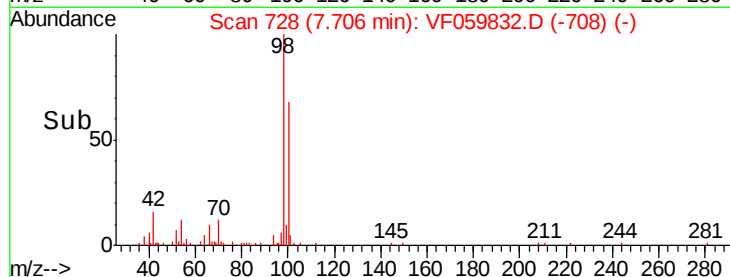
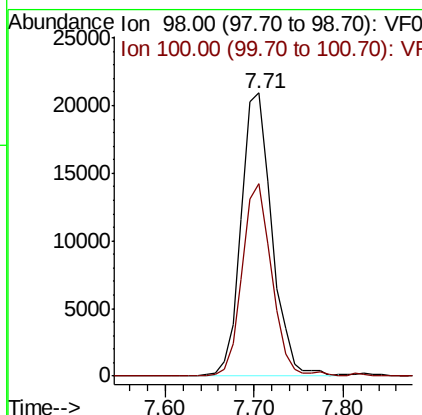
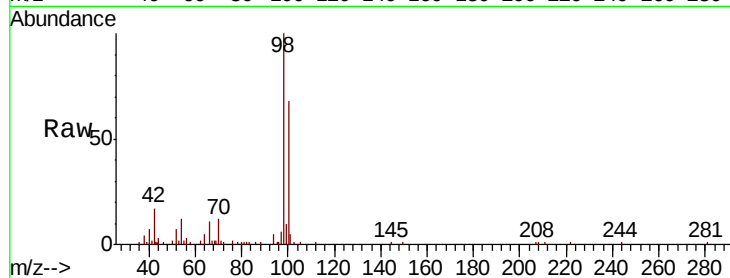




#50
Toluene-d8
Concen: 6.85 ug/l
RT: 7.71 min Scan# 728
Delta R.T. 0.00 min
Lab File: VF059832.D
Acq: 3 Aug 2018 11:29

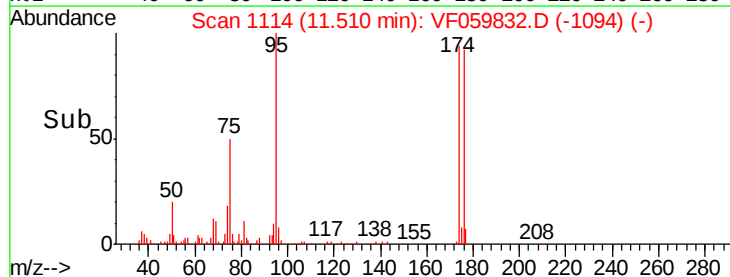
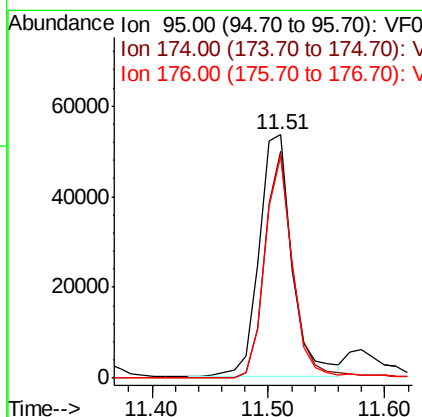
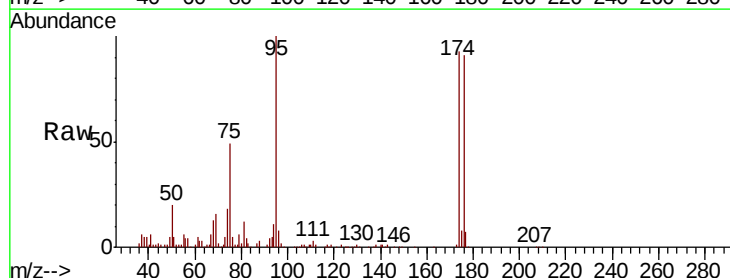
Instrument :
MSVOA_F
ClientSampleId :
UST-W

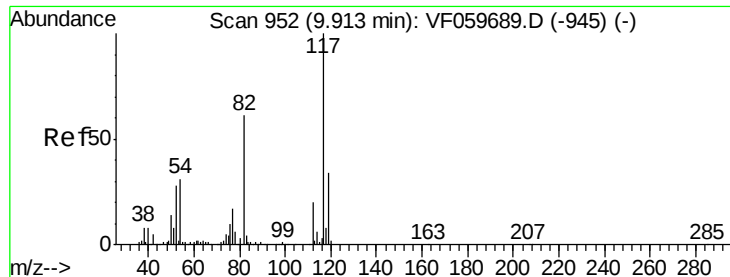
Tot Ion: 98 Resp: 50125
Ion Ratio Lower Upper
98 100
100 68.0 52.8 79.2



#62
4-Bromofluorobenzene
Concen: 25.83 ug/l
RT: 11.51 min Scan# 1114
Delta R.T. 0.00 min
Lab File: VF059832.D
Acq: 3 Aug 2018 11:29

Tgt Ion: 95 Resp: 104616
Ion Ratio Lower Upper
95 100
174 93.2 0.0 178.4
176 91.0 0.0 173.0

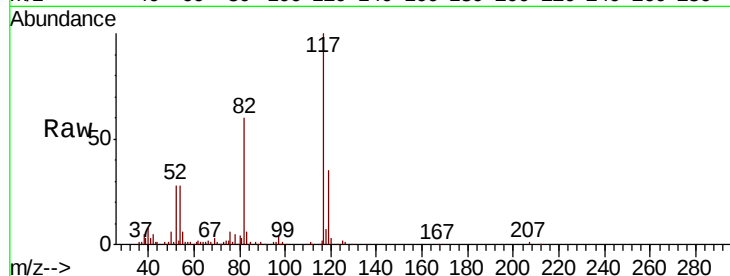




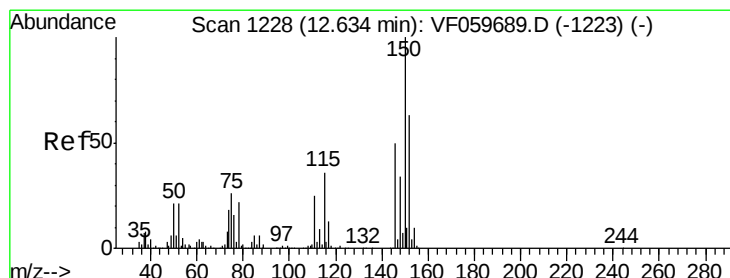
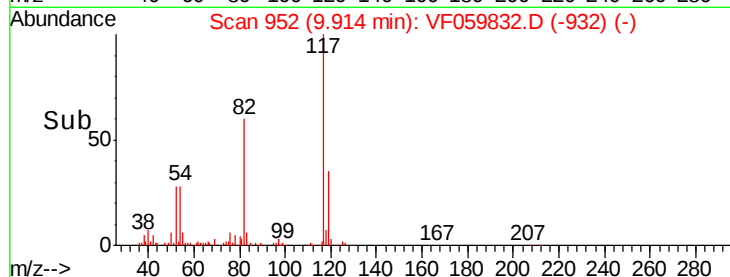
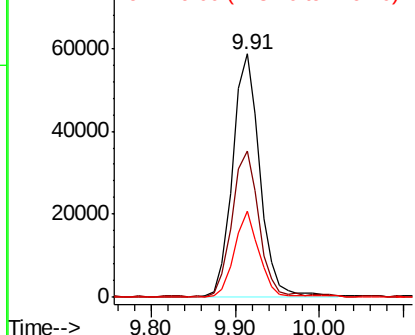
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.91 min Scan# 952
Delta R.T. 0.00 min
Lab File: VF059832.D
Acq: 3 Aug 2018 11:29

Instrument :
MSVOA_F
ClientSampleId :
UST-W

Tot Ion	Ratio	Lower	Upper
117	100		
82	60.2	49.0	73.4
119	35.4	27.3	40.9

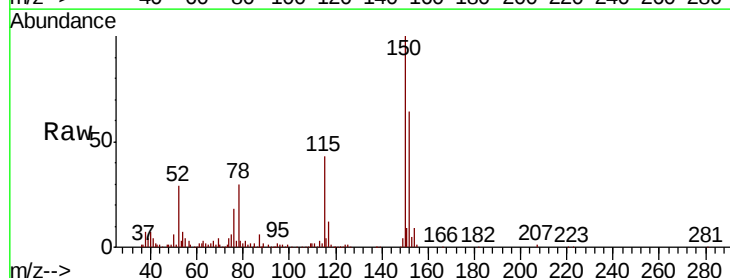


Abundance Ion 117.00 (116.70 to 117.70): V
Ion 82.00 (81.70 to 82.70): VF0
Ion 119.00 (118.70 to 119.70): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.62 min Scan# 1227
Delta R.T. -0.01 min
Lab File: VF059832.D
Acq: 3 Aug 2018 11:29

Tgt Ion	Ratio	Lower	Upper
152	100		
115	67.0	28.2	84.6
150	157.2	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

