

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF072418\
 Data File : VF059650.D
 Acq On : 25 Jul 2018 00:27
 Operator : VA/AP
 Sample : J4106-02
 Misc : 5.02g/5mL/MSVOA F/SOIL
 ALS Vial : 100 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 MARKET-ST

Quant Time: Jul 25 05:51:00 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F072418S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 25 02:29:31 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.03	168	226057	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.75	114	312839	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.90	117	265829	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.62	152	145294	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	5.00	65	165597	52.57	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	105.14%	
35) Dibromofluoromethane	4.27	113	156470	55.58	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	111.16%	
50) Toluene-d8	7.69	98	323742	47.18	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	94.36%	
62) 4-Bromofluorobenzene	11.50	95	142974	40.55	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	81.10%	

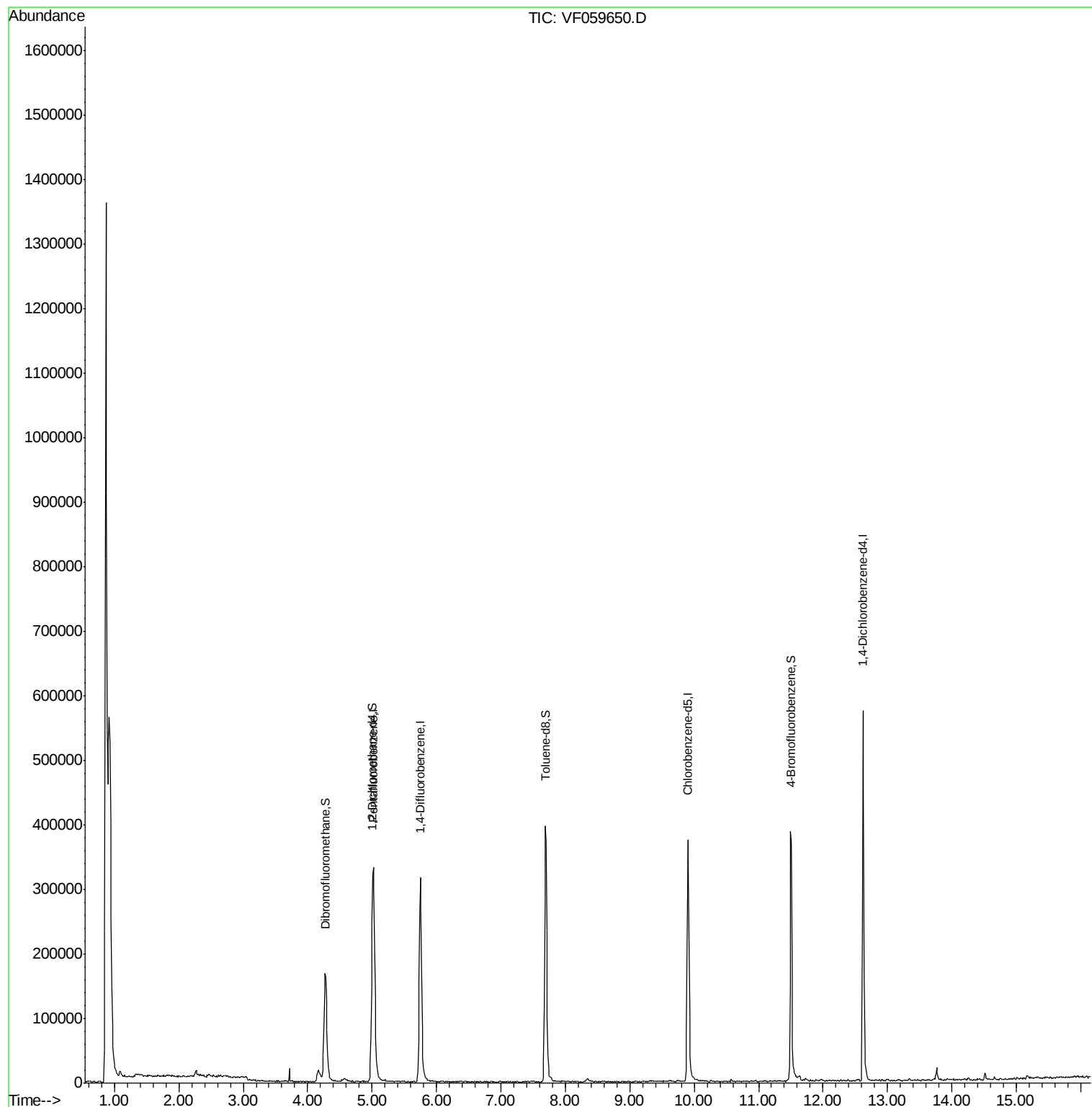
Target Compounds	Qvalue
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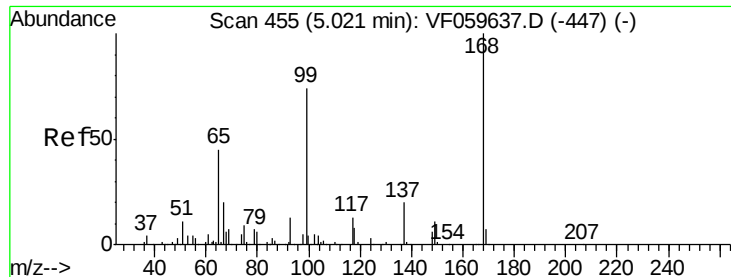
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Wed Jul 25 02:29:31 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.03 min Scan# 456

Delta R.T. 0.01 min

Lab File: VF059650.D

Acq: 25 Jul 2018 00:27

Instrument :

MSVOA_F

ClientSampleId :

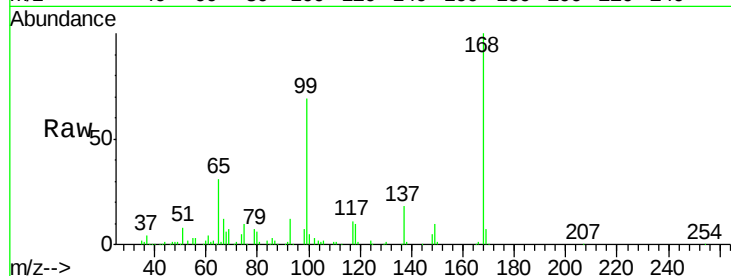
MARKET-ST

Tot Ion:168 Resp: 226057

Ion Ratio Lower Upper

168 100

99 69.5 59.5 89.3



Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

5.03

80000

60000

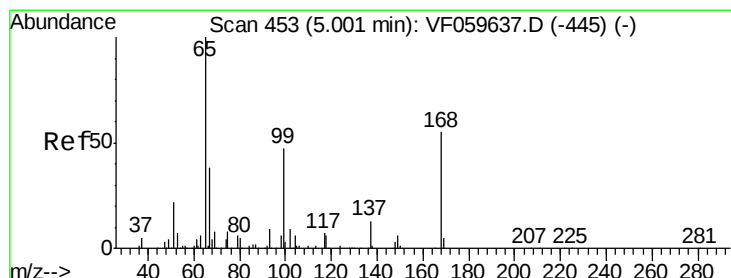
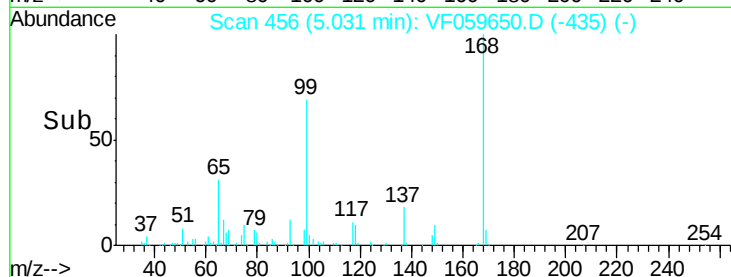
40000

20000

0

4.90 5.00 5.10 5.20

Time-->



#33

1,2-Dichloroethane-d4

Concen: 52.574 ug/l

RT: 5.00 min Scan# 453

Delta R.T. 0.00 min

Lab File: VF059650.D

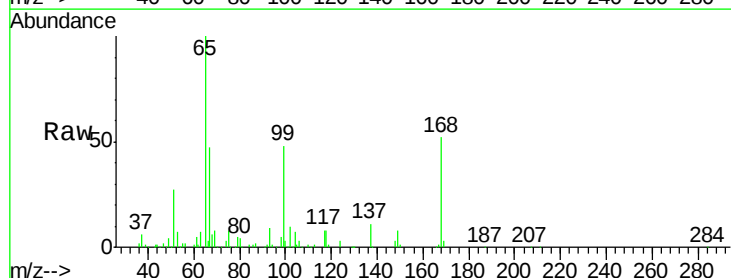
Acq: 25 Jul 2018 00:27

Tgt Ion: 65 Resp: 165597

Ion Ratio Lower Upper

65 100

67 46.8 0.0 86.6



Abundance Ion 65.00 (64.70 to 65.70): VF0

Ion 67.00 (66.70 to 67.70): VF0

5.00

60000

50000

40000

30000

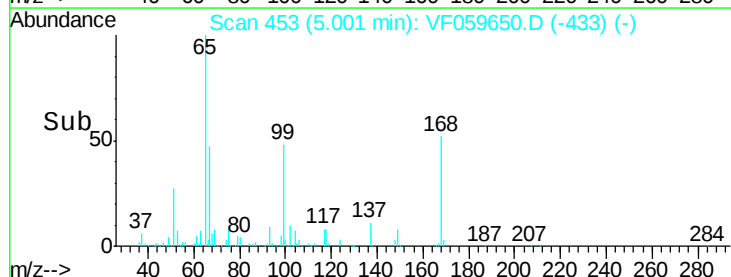
20000

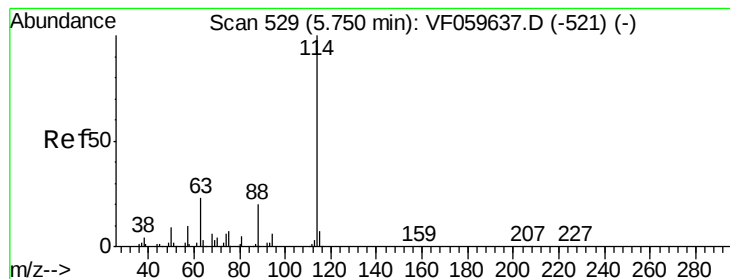
10000

0

4.80 4.90 5.00 5.10 5.20

Time-->





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.75 min Scan# 529

Delta R.T. 0.00 min

Lab File: VF059650.D

Acq: 25 Jul 2018 00:27

Instrument :

MSVOA_F

ClientSampleId :

MARKET-ST

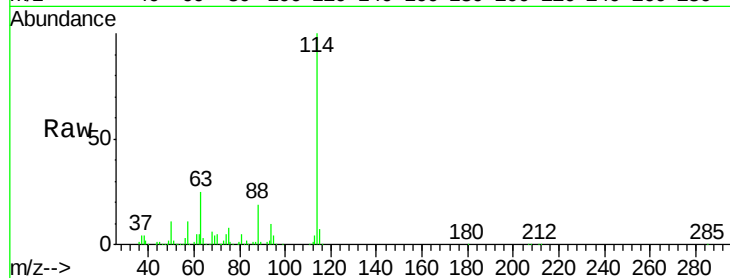
Tot Ion:114 Resp: 312839

Ion Ratio Lower Upper

114 100

63 25.3 0.0 45.6

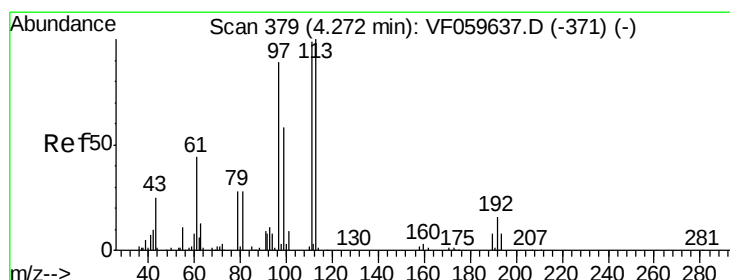
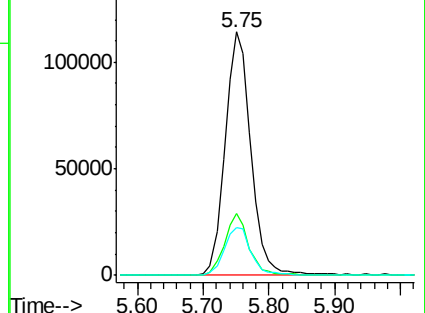
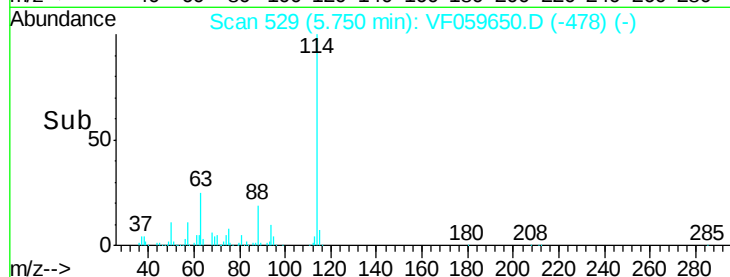
88 19.4 0.0 40.8



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: 55.576 ug/l

RT: 4.27 min Scan# 379

Delta R.T. 0.00 min

Lab File: VF059650.D

Acq: 25 Jul 2018 00:27

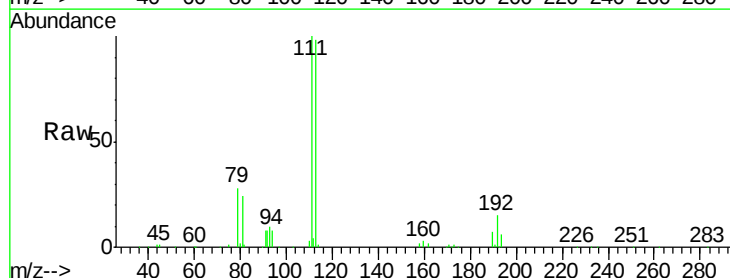
Tgt Ion:113 Resp: 156470

Ion Ratio Lower Upper

113 100

111 102.3 79.3 118.9

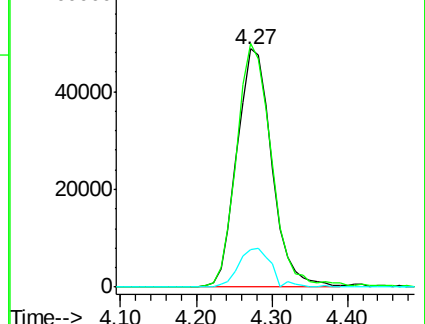
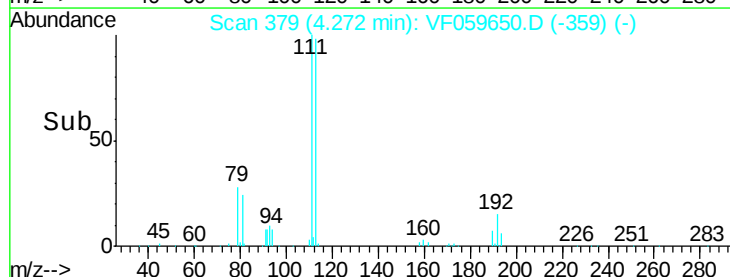
192 15.9 13.4 20.2

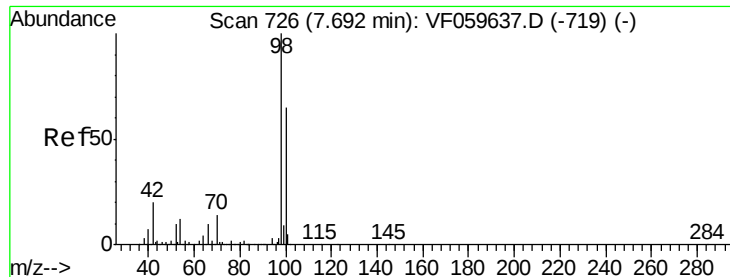


Abundance Ion 113.00 (112.70 to 113.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 192.00 (191.70 to 192.70): V

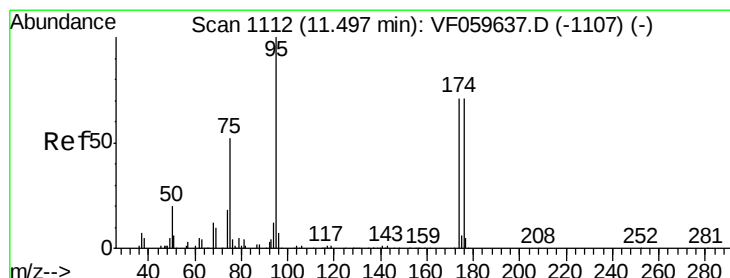
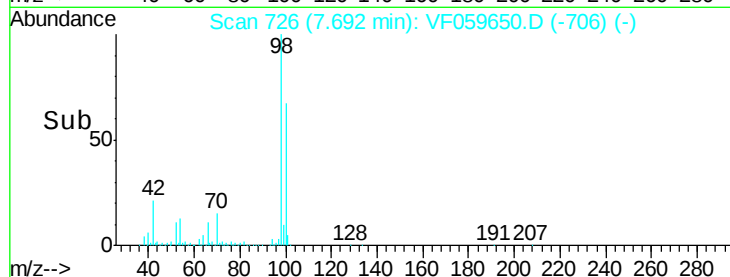
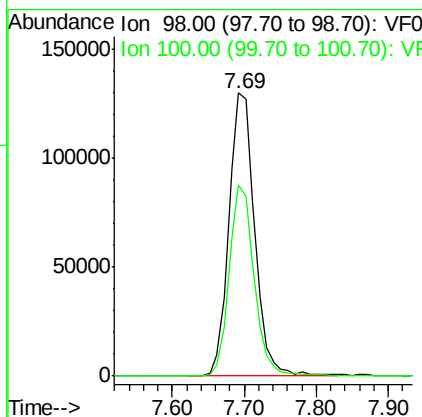
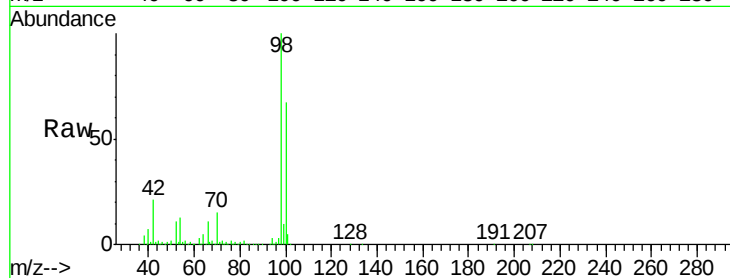




#50
Toluene-d8
Concen: 47.178 ug/l
RT: 7.69 min Scan# 726
Delta R.T. 0.00 min
Lab File: VF059650.D
Acq: 25 Jul 2018 00:27

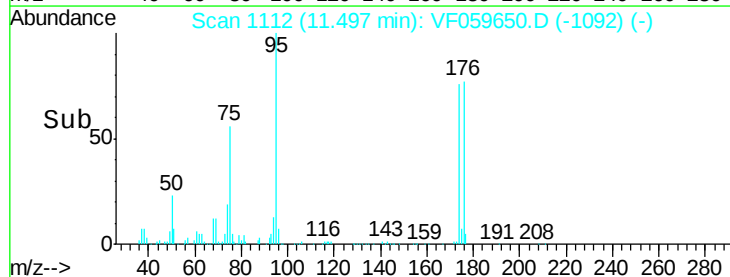
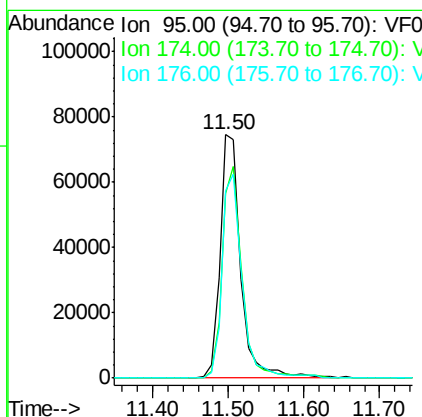
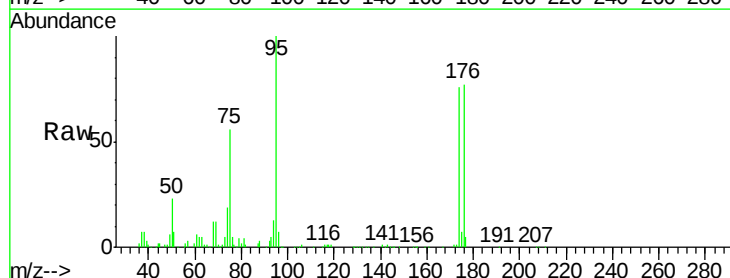
Instrument :
MSVOA_F
ClientSampled :
MARKET-ST

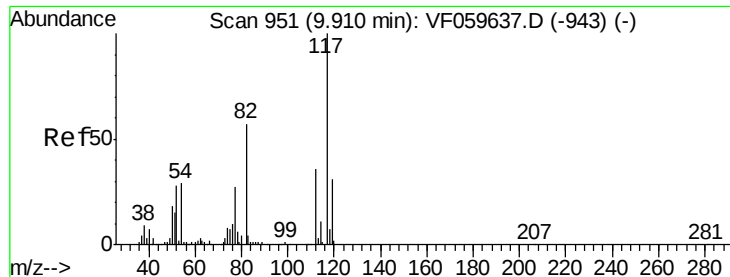
Tot Ion: 98 Resp: 323742
Ion Ratio Lower Upper
98 100
100 67.4 52.2 78.4



#62
4-Bromofluorobenzene
Concen: 40.547 ug/l
RT: 11.50 min Scan# 1112
Delta R.T. 0.00 min
Lab File: VF059650.D
Acq: 25 Jul 2018 00:27

Tgt Ion: 95 Resp: 142974
Ion Ratio Lower Upper
95 100
174 75.9 0.0 141.8
176 76.9 0.0 142.0

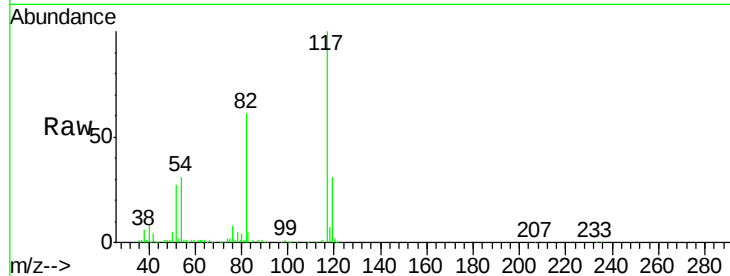




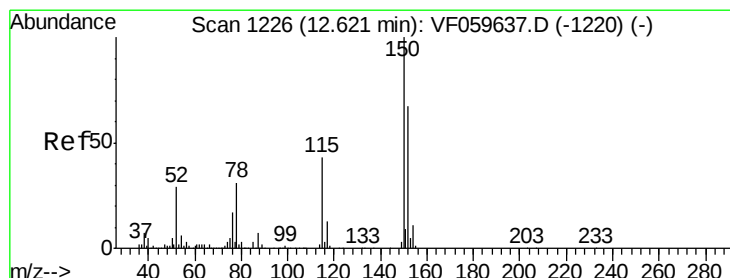
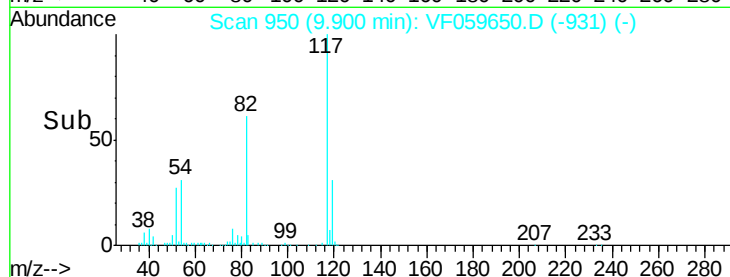
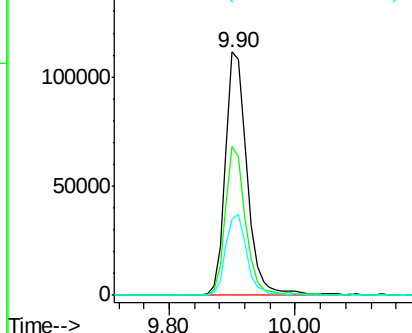
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.90 min Scan# 950
Delta R.T. -0.01 min
Lab File: VF059650.D
Acq: 25 Jul 2018 00:27

Instrument :
MSVOA_F
ClientSampleId :
MARKET-ST

Tot Ion	Ratio	Lower	Upper
117	100		
82	60.9	45.9	68.9
119	30.9	25.1	37.7

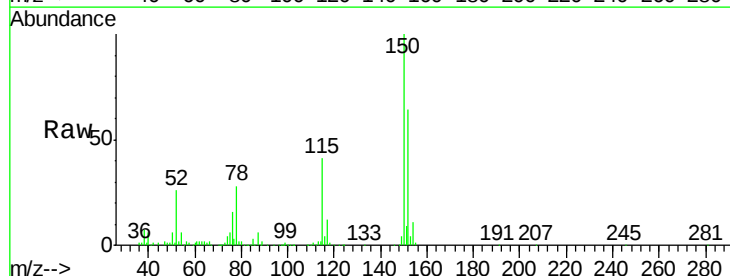


Abundance Ion 117.00 (116.70 to 117.70): V
Ion 82.00 (81.70 to 82.70): V
Ion 119.00 (118.70 to 119.70): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.62 min Scan# 1226
Delta R.T. 0.00 min
Lab File: VF059650.D
Acq: 25 Jul 2018 00:27

Tgt Ion	Ratio	Lower	Upper
152	100		
115	64.2	32.0	96.2
150	156.3	0.0	313.2



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

