

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF072418\
 Data File : VF059648.D
 Acq On : 24 Jul 2018 23:31
 Operator : VA/AP
 Sample : J4106-02
 Misc : 5.02g/5mL/MSVOA F/SOIL
 ALS Vial : 98 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 MARKET-ST

Quant Time: Jul 25 05:44:49 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	19769	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.75	114	15002	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.90	117	7981	50.00	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	12.63	152	1900	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.00	65	3102	11.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	22.52%	
35) Dibromofluoromethane	4.28	113	2998	22.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	44.42%	
50) Toluene-d8	7.69	98	8395	25.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	51.02%	
62) 4-Bromofluorobenzene	11.49	95	2187	12.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	25.86%	

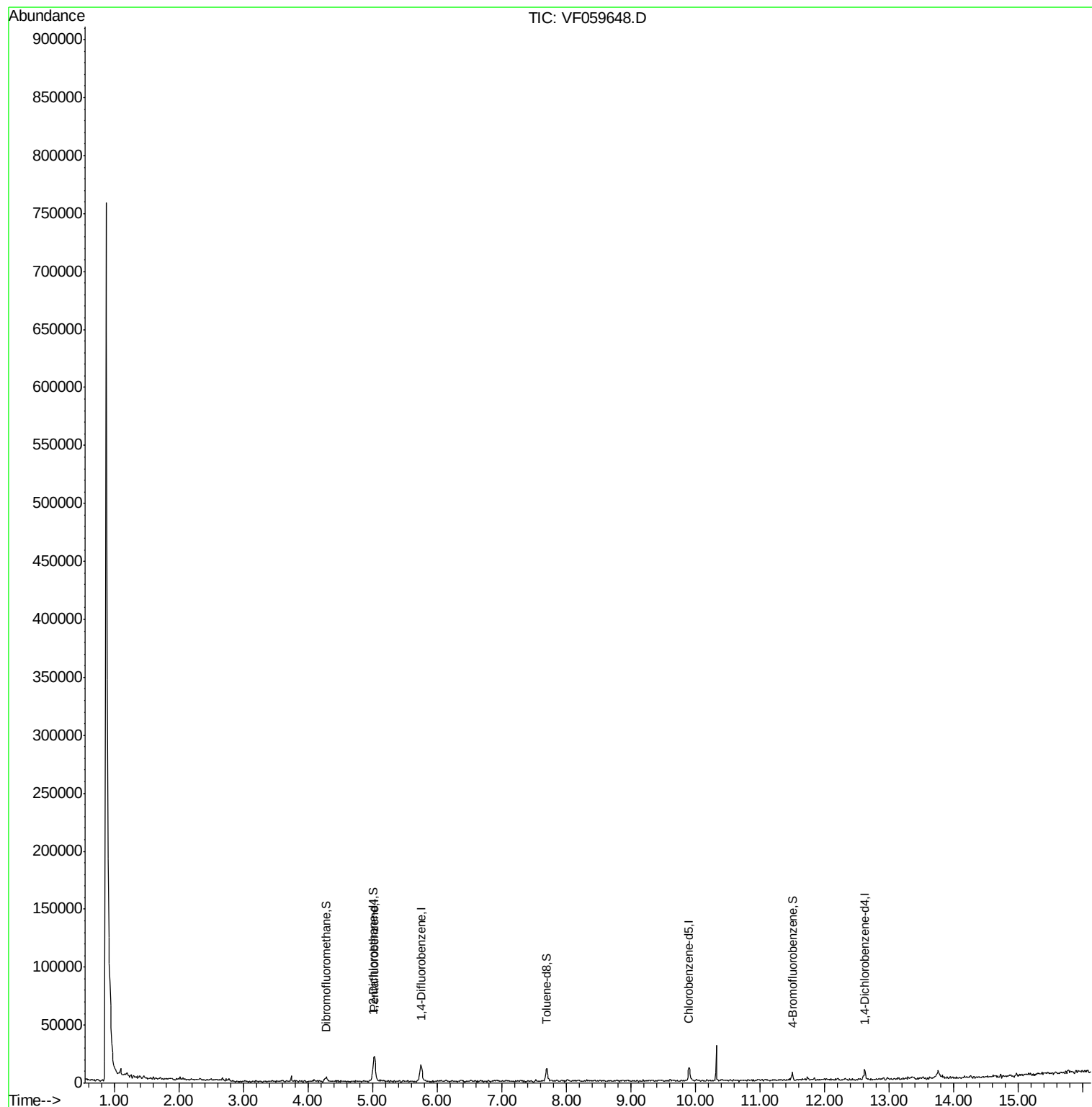
Target Compounds	Qvalue

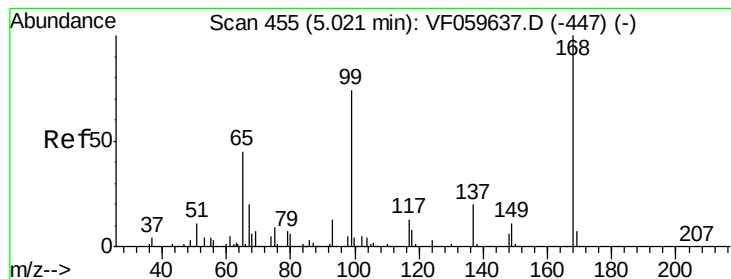
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Wed Jul 25 02:29:31 2018
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.03 min Scan# 456

Delta R.T. 0.01 min

Lab File: VF059648.D

Acq: 24 Jul 2018 23:31

Instrument :

MSVOA_F

ClientSampleId :

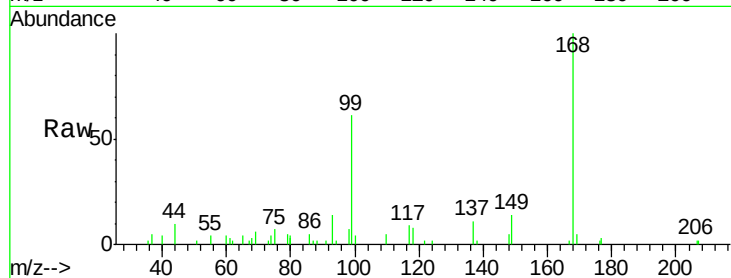
MARKET-ST

Tot Ion:168 Resp: 19769

Ion Ratio Lower Upper

168 100

99 61.0 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

6000

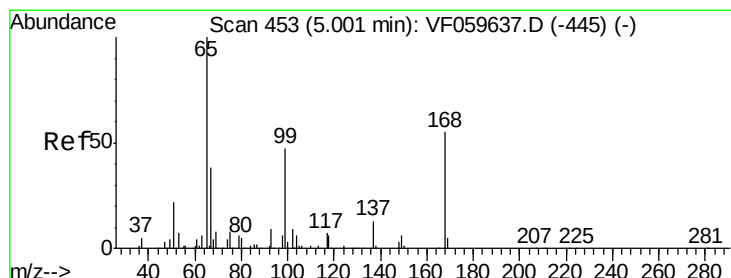
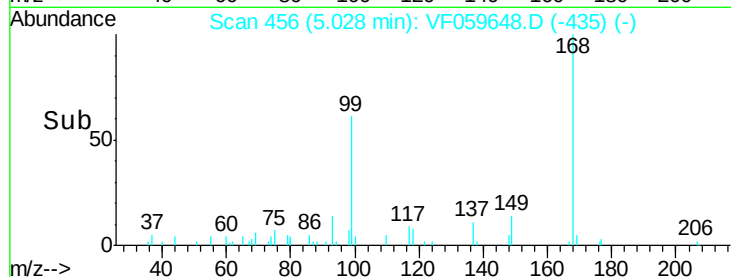
4000

2000

0

4.90 5.00 5.10 5.20

Time-->



#33

1,2-Dichloroethane-d4

Concen: 11.261 ug/l

RT: 5.00 min Scan# 453

Delta R.T. -0.00 min

Lab File: VF059648.D

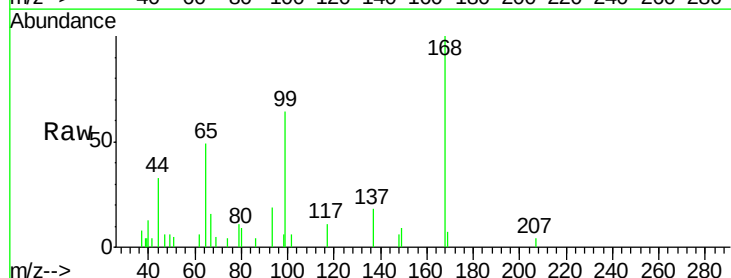
Acq: 24 Jul 2018 23:31

Tgt Ion: 65 Resp: 3102

Ion Ratio Lower Upper

65 100

67 32.8 0.0 86.6



Abundance Ion 65.00 (64.70 to 65.70): VF0

Ion 67.00 (66.70 to 67.70): VF0

1500

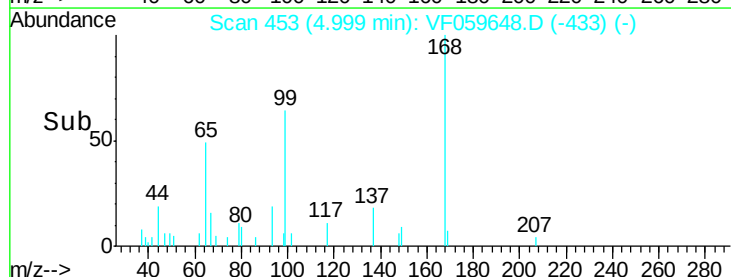
1000

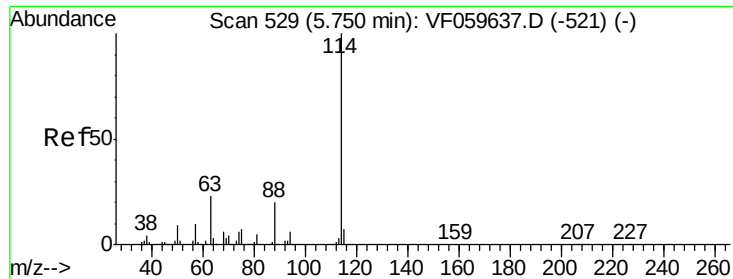
500

0

4.90 4.95 5.00 5.05 5.10

Time-->

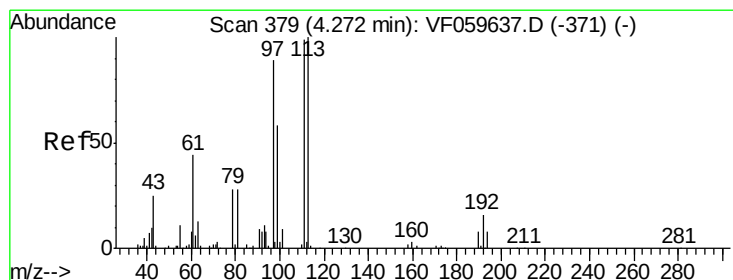
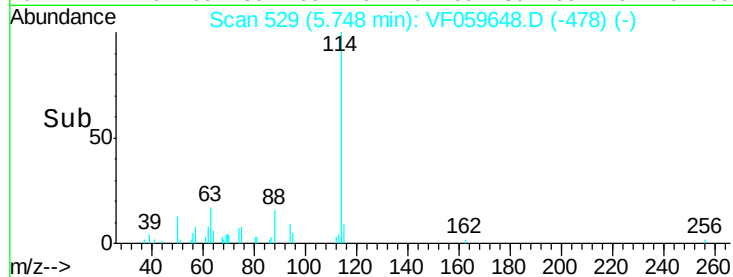
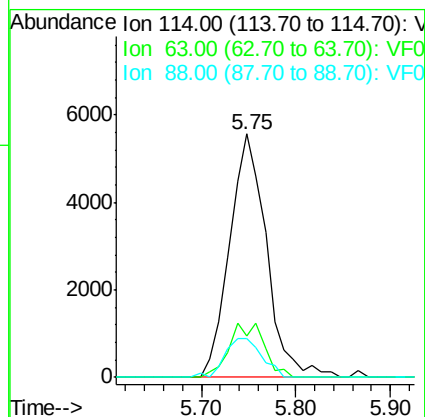
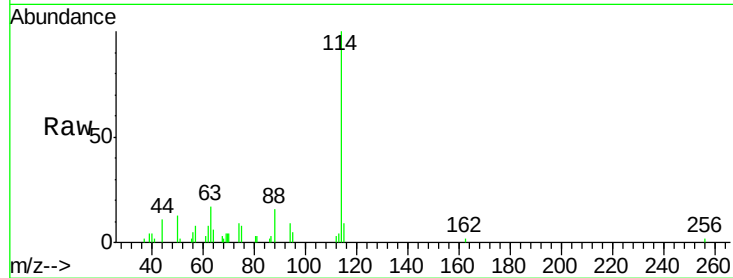




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.75 min Scan# 529
Delta R.T. -0.00 min
Lab File: VF059648.D
Acq: 24 Jul 2018 23:31

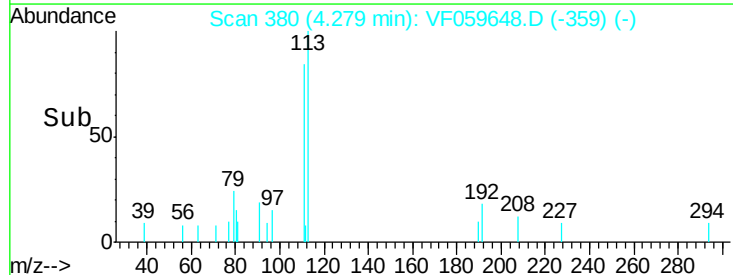
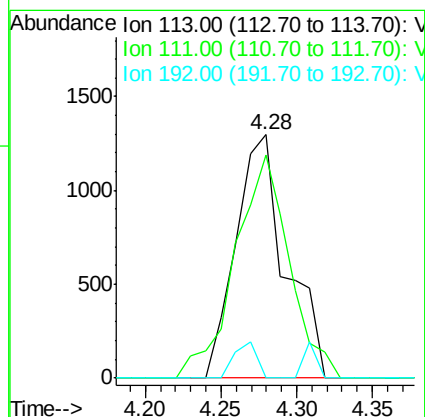
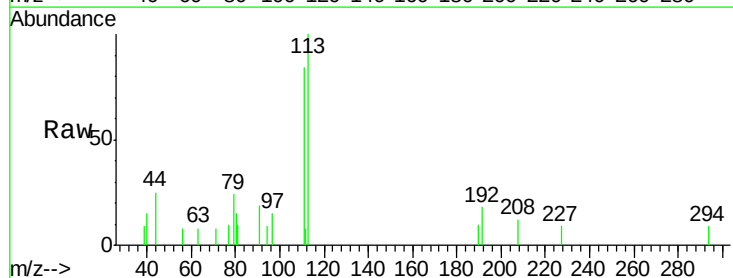
Instrument :
MSVOA_F
ClientSampleId :
MARKET-ST

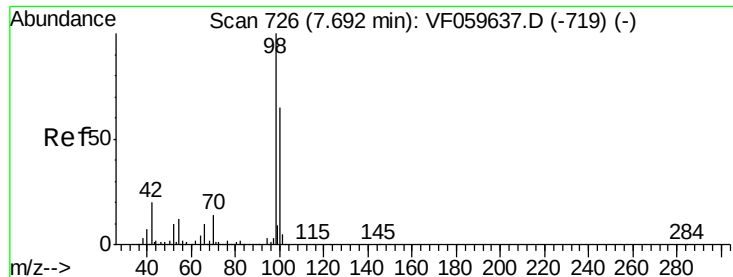
Tot Ion:114 Resp: 15002
Ion Ratio Lower Upper
114 100
63 17.0 0.0 45.6
88 15.8 0.0 40.8



#35
Dibromofluoromethane
Concen: 22.205 ug/l
RT: 4.28 min Scan# 380
Delta R.T. 0.01 min
Lab File: VF059648.D
Acq: 24 Jul 2018 23:31

Tgt Ion:113 Resp: 2998
Ion Ratio Lower Upper
113 100
111 91.5 79.3 118.9
192 0.0 13.4 20.2#

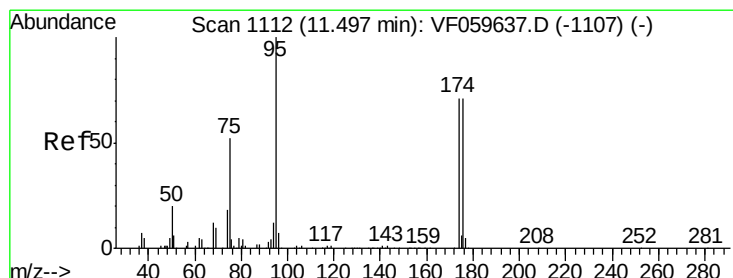
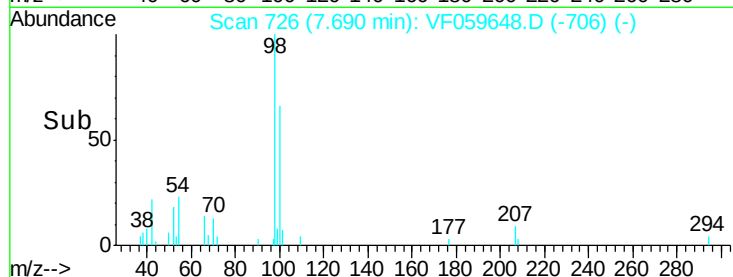
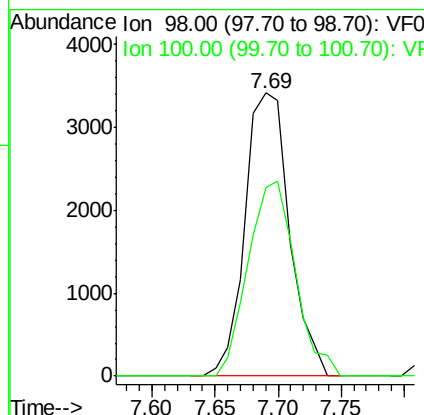
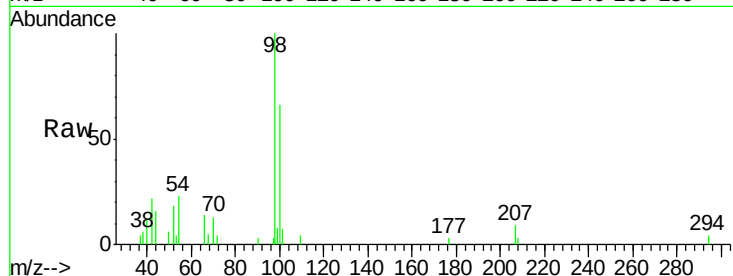




#50
Toluene-d8
Concen: 25.511 ug/l
RT: 7.69 min Scan# 726
Delta R.T. -0.00 min
Lab File: VF059648.D
Acq: 24 Jul 2018 23:31

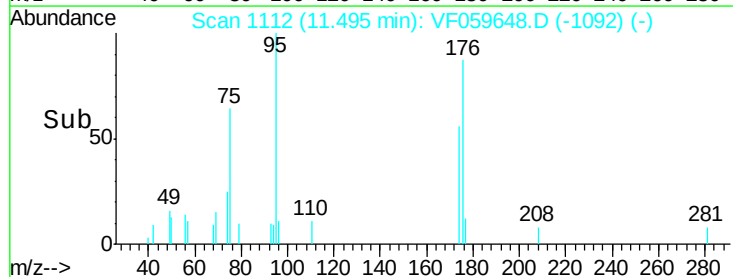
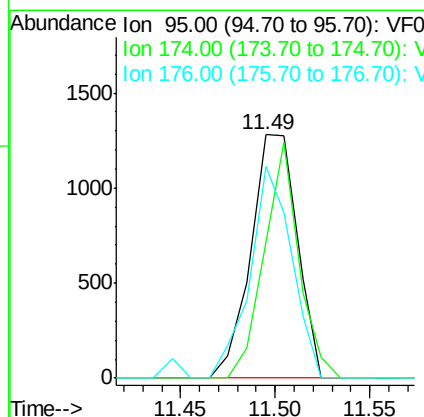
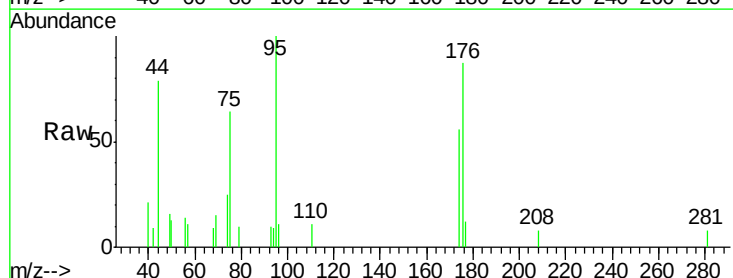
Instrument :
MSVOA_F
ClientSampleId :
MARKET-ST

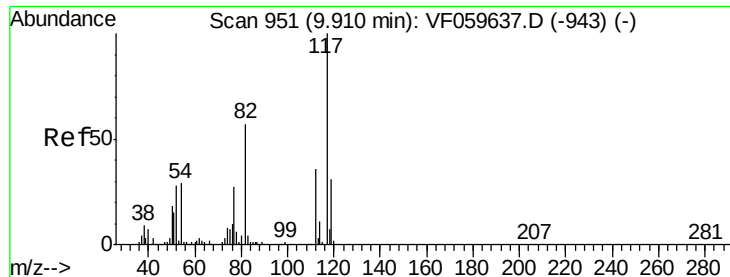
Tot Ion: 98 Resp: 8395
Ion Ratio Lower Upper
98 100
100 66.5 52.2 78.4



#62
4-Bromofluorobenzene
Concen: 12.934 ug/l
RT: 11.49 min Scan# 1112
Delta R.T. -0.00 min
Lab File: VF059648.D
Acq: 24 Jul 2018 23:31

Tgt Ion: 95 Resp: 2187
Ion Ratio Lower Upper
95 100
174 56.0 0.0 141.8
176 87.1 0.0 142.0

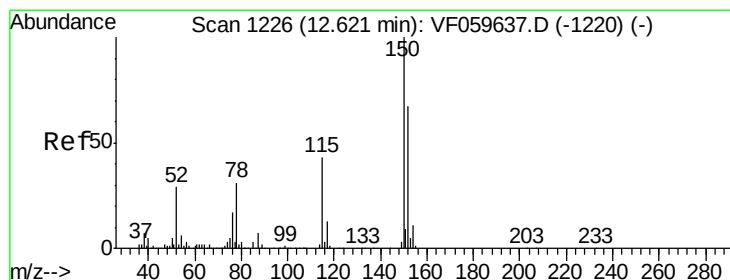
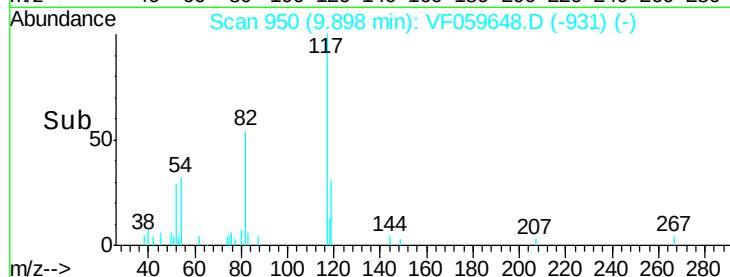
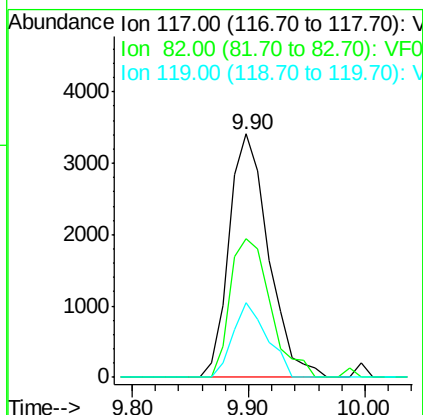
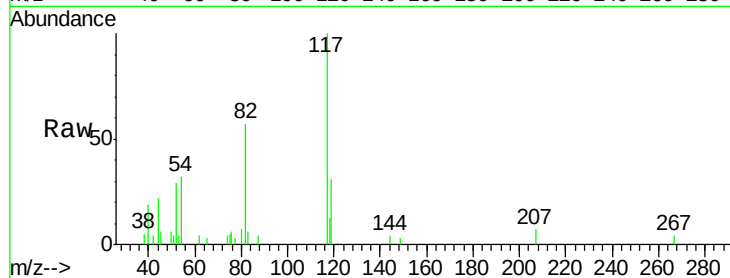




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.90 min Scan# 950
Delta R.T. -0.01 min
Lab File: VF059648.D
Acq: 24 Jul 2018 23:31

Instrument :
MSVOA_F
ClientSampleId :
MARKET-ST

Tot Ion:117 Resp: 7981
Ion Ratio Lower Upper
117 100
82 57.0 45.9 68.9
119 30.7 25.1 37.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.63 min Scan# 1227
Delta R.T. 0.01 min
Lab File: VF059648.D
Acq: 24 Jul 2018 23:31

Tgt Ion:152 Resp: 1900
Ion Ratio Lower Upper
152 100
115 44.6 32.0 96.2
150 173.8 0.0 313.2

