

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF072418\
 Data File : VF059642.D
 Acq On : 24 Jul 2018 20:45
 Operator : VA/AP
 Sample : VF0724SBL01
 Misc : 5.00µ/5mL/MSVOA F/SOIL
 ALS Vial : 92 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 VF0724SBL01

Quant Time: Jul 25 05:22:57 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	258170	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.75	114	354390	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.91	117	322871	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.63	152	214133	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.00	65	170868	47.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.00%	
35) Dibromofluoromethane	4.28	113	169950	53.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.58%	
50) Toluene-d8	7.68	98	463888	59.68	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	119.36%	
62) 4-Bromofluorobenzene	11.51	95	194792	48.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.54%	

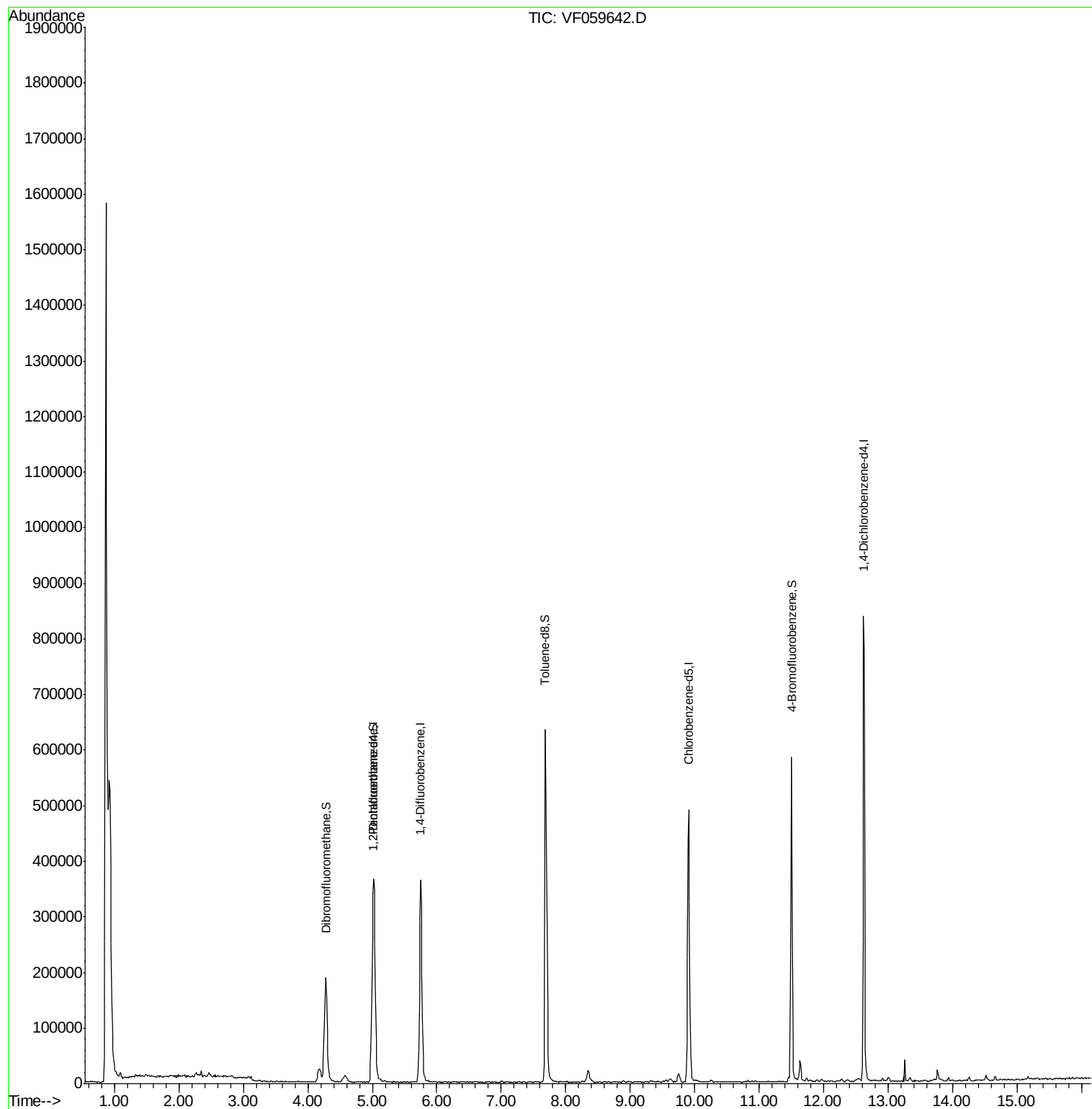
Target Compounds	Qvalue

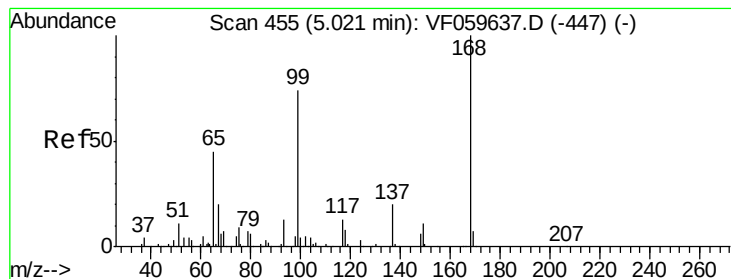
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF072418\
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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: VF059642.D

Acq: 24 Jul 2018 20:45

Instrument :

MSVOA_F

ClientSampleId :

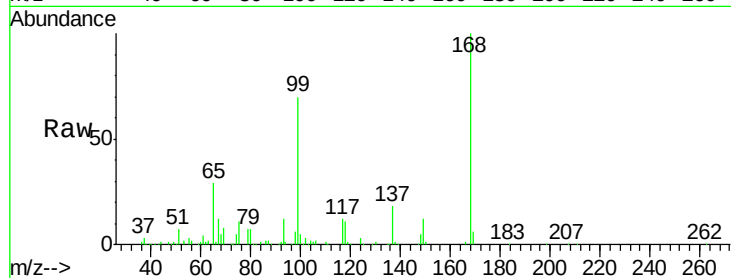
VF0724SBL01

Tot Ion:168 Resp: 258170

Ion Ratio Lower Upper

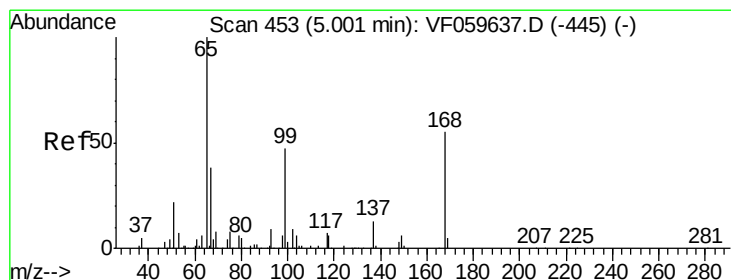
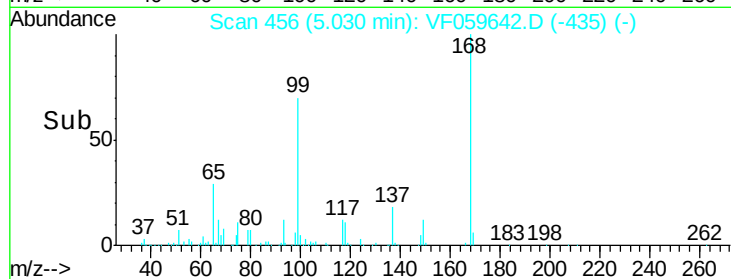
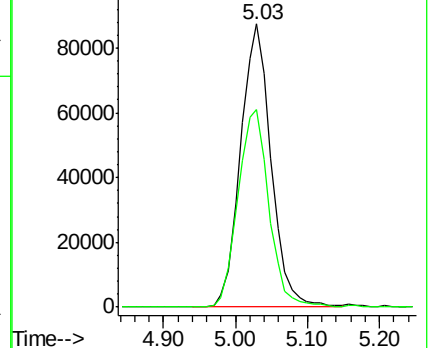
168 100

99 70.0 59.5 89.3



Abundance Ion 168.00 (167.70 to 168.70): V

Ion 99.00 (98.70 to 99.70): VF0



#33

1,2-Dichloroethane-d4

Concen: 47.500 ug/l

RT: 5.00 min Scan# 453

Delta R.T. -0.00 min

Lab File: VF059642.D

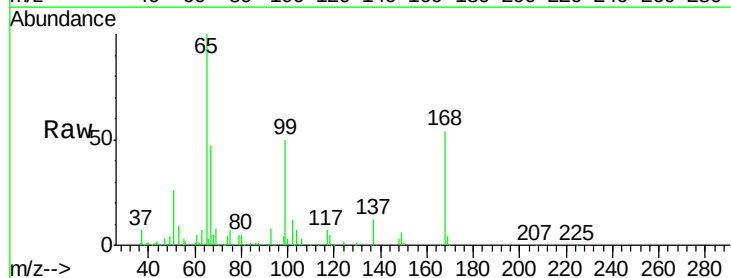
Acq: 24 Jul 2018 20:45

Tgt Ion: 65 Resp: 170868

Ion Ratio Lower Upper

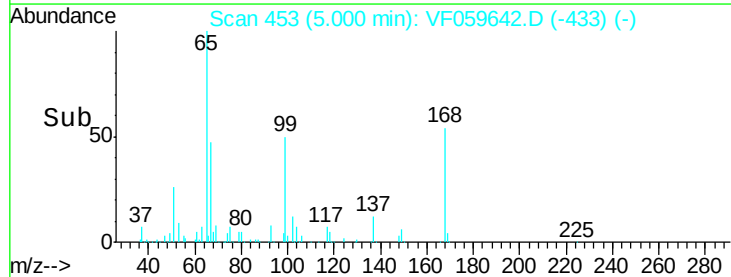
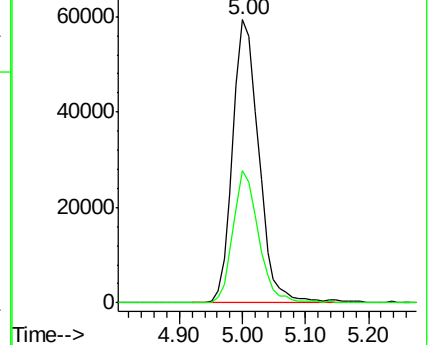
65 100

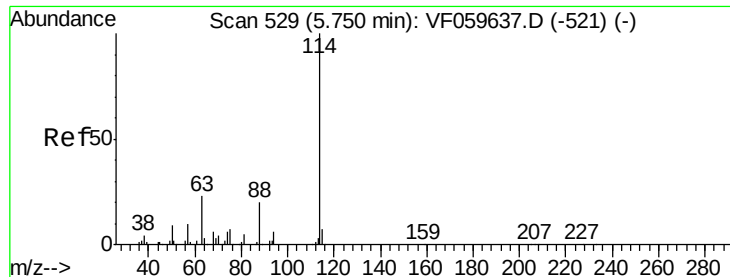
67 47.0 0.0 86.6



Abundance Ion 65.00 (64.70 to 65.70): VF0

Ion 67.00 (66.70 to 67.70): VF0

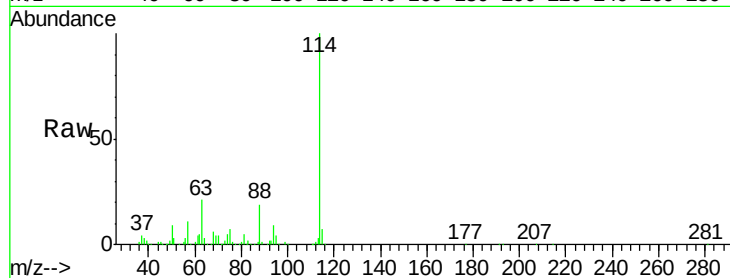




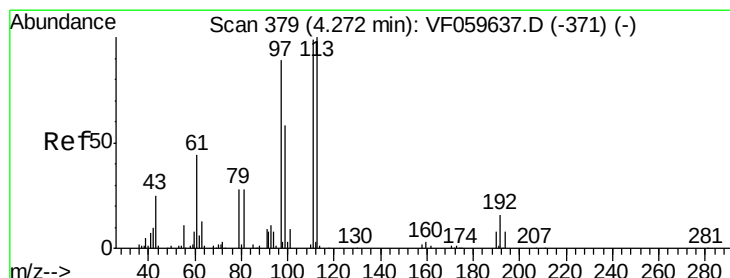
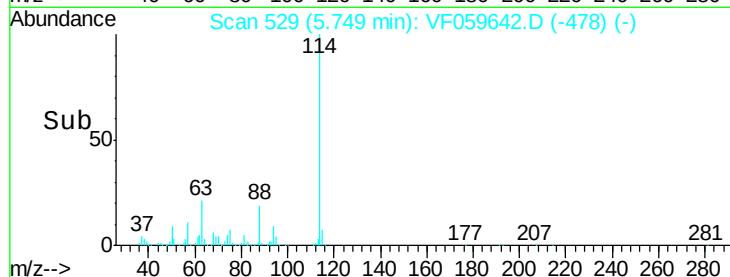
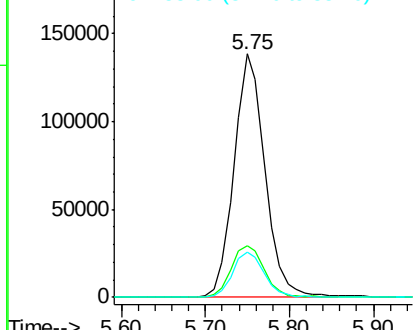
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.75 min Scan# 529
 Delta R.T. -0.00 min
 Lab File: VF059642.D
 Acq: 24 Jul 2018 20:45

Instrument :
 MSVOA_F
 ClientSampleId :
 VF0724SBL01

Tot Ion:114 Resp: 354390
 Ion Ratio Lower Upper
 114 100
 63 21.2 0.0 45.6
 88 18.7 0.0 40.8

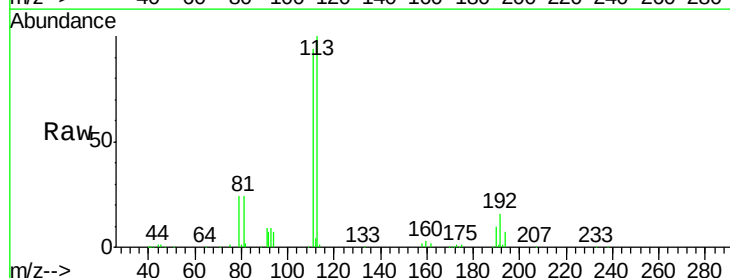


Abundance Ion 114.00 (113.70 to 114.70): V
 Ion 63.00 (62.70 to 63.70): VF0
 Ion 88.00 (87.70 to 88.70): VF0

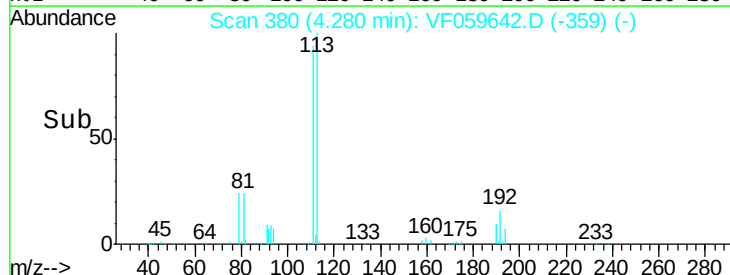
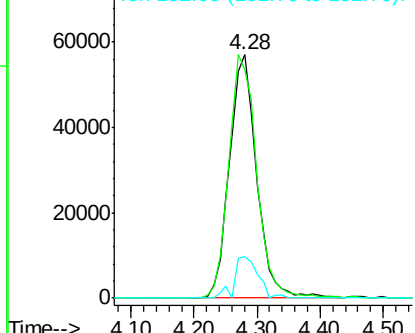


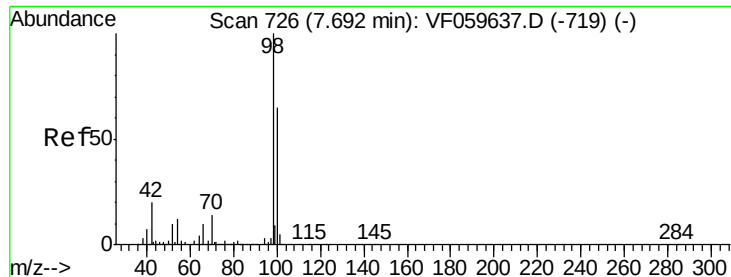
#35
 Dibromofluoromethane
 Concen: 53.286 ug/l
 RT: 4.28 min Scan# 380
 Delta R.T. 0.01 min
 Lab File: VF059642.D
 Acq: 24 Jul 2018 20:45

Tgt Ion:113 Resp: 169950
 Ion Ratio Lower Upper
 113 100
 111 93.1 79.3 118.9
 192 17.1 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: 59.675 ug/l

RT: 7.68 min Scan# 725

Delta R.T. -0.01 min

Lab File: VF059642.D

Acq: 24 Jul 2018 20:45

Instrument :

MSVOA_F

ClientSampleId :

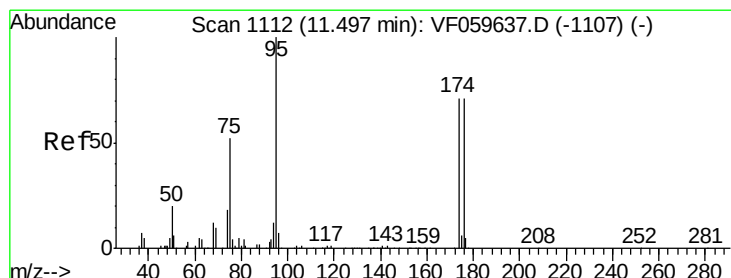
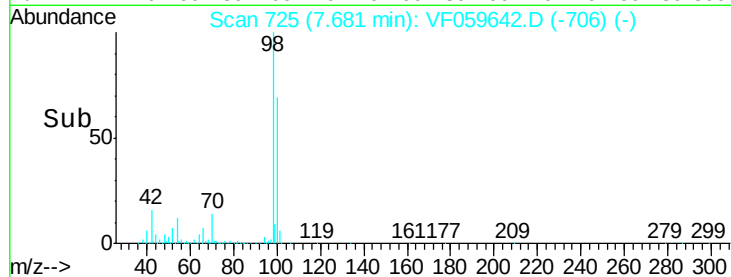
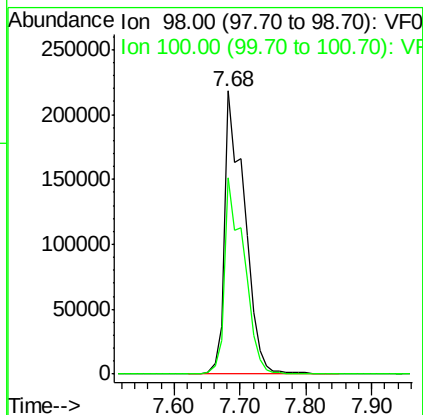
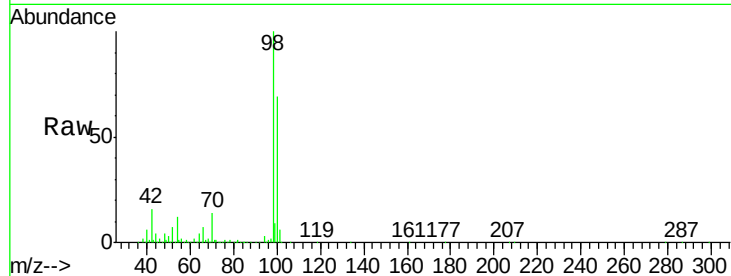
VF0724SBL01

Tot Ion: 98 Resp: 463888

Ion Ratio Lower Upper

98 100

100 69.3 52.2 78.4



#62

4-Bromofluorobenzene

Concen: 48.766 ug/l

RT: 11.51 min Scan# 1113

Delta R.T. 0.01 min

Lab File: VF059642.D

Acq: 24 Jul 2018 20:45

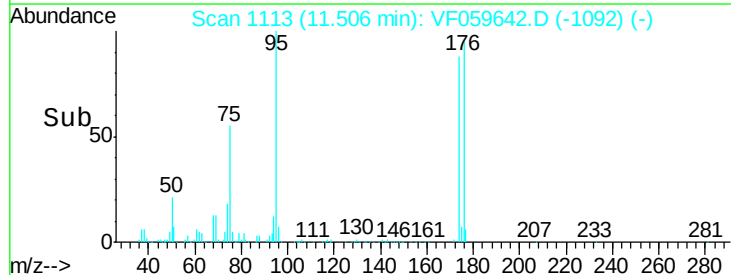
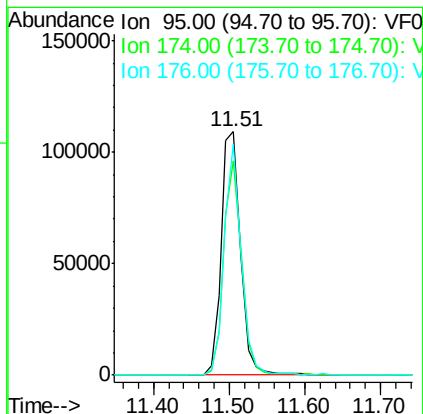
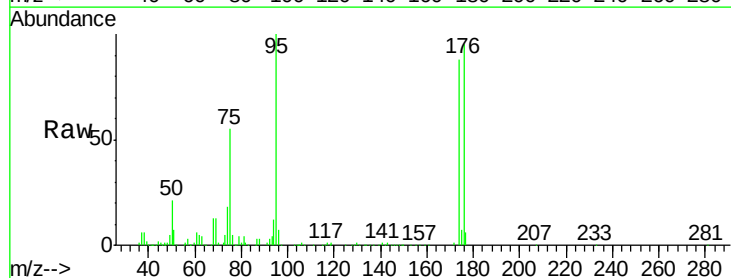
Tgt Ion: 95 Resp: 194792

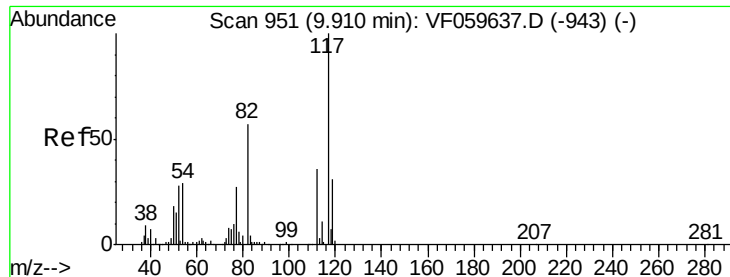
Ion Ratio Lower Upper

95 100

174 88.1 0.0 141.8

176 95.0 0.0 142.0

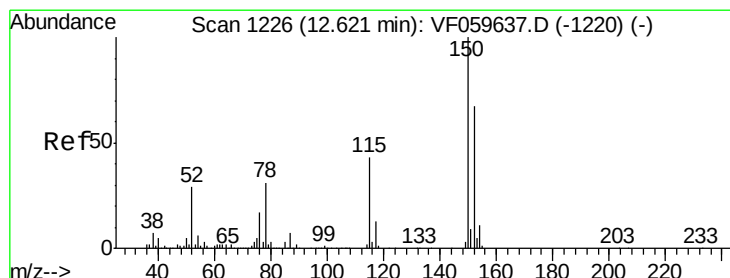
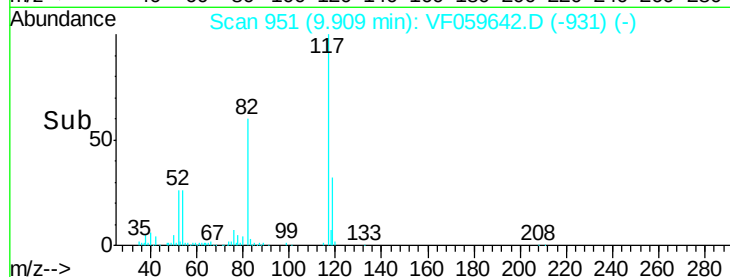
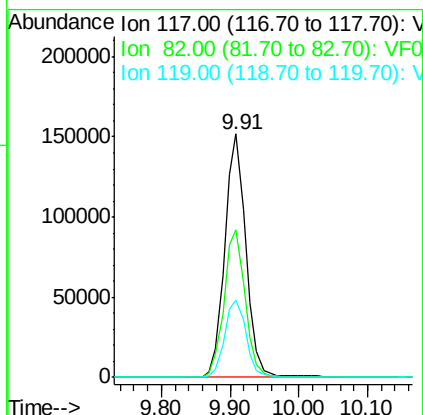
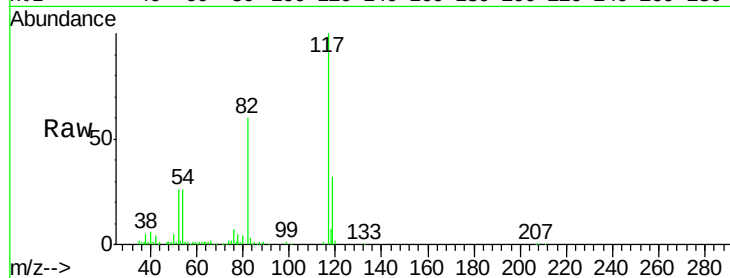




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.91 min Scan# 951
Delta R.T. -0.00 min
Lab File: VF059642.D
Acq: 24 Jul 2018 20:45

Instrument :
MSVOA_F
ClientSampleId :
VF0724SBL01

Tot Ion	Ratio	Lower	Upper
117	100		
82	60.5	45.9	68.9
119	31.8	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: VF059642.D
Acq: 24 Jul 2018 20:45

Tgt Ion	Ratio	Lower	Upper
152	100		
115	54.5	32.0	96.2
150	152.1	0.0	313.2

