

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF122718\
 Data File : VF061207.D
 Acq On : 27 Dec 2018 14:45
 Operator : VA/AP
 Sample : J6511-01
 Misc : 6.62g/5mL/MSVOA-F/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 SB-57(0-5)-GRAB

Quant Time: Dec 27 16:09:04 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F121918S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 20 00:56:59 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.85	168	125262	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	5.58	114	222423	50.00	ug/l	-0.01
63) Chlorobenzene-d5	9.75	117	175518	50.00	ug/l	-0.02
72) 1,4-Dichlorobenzene-d4	12.53	152	67442	50.00	ug/l	-0.01

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.82	65	87608	54.38	ug/l	-0.02
Spiked Amount	50.000		Recovery	=	108.76%	
35) Dibromofluoromethane	4.09	113	94437	53.00	ug/l	-0.02
Spiked Amount	50.000		Recovery	=	106.00%	
50) Toluene-d8	7.53	98	228027	45.16	ug/l	-0.02
Spiked Amount	50.000		Recovery	=	90.32%	
62) 4-Bromofluorobenzene	11.39	95	85366	36.67	ug/l	-0.02
Spiked Amount	50.000		Recovery	=	73.34%	

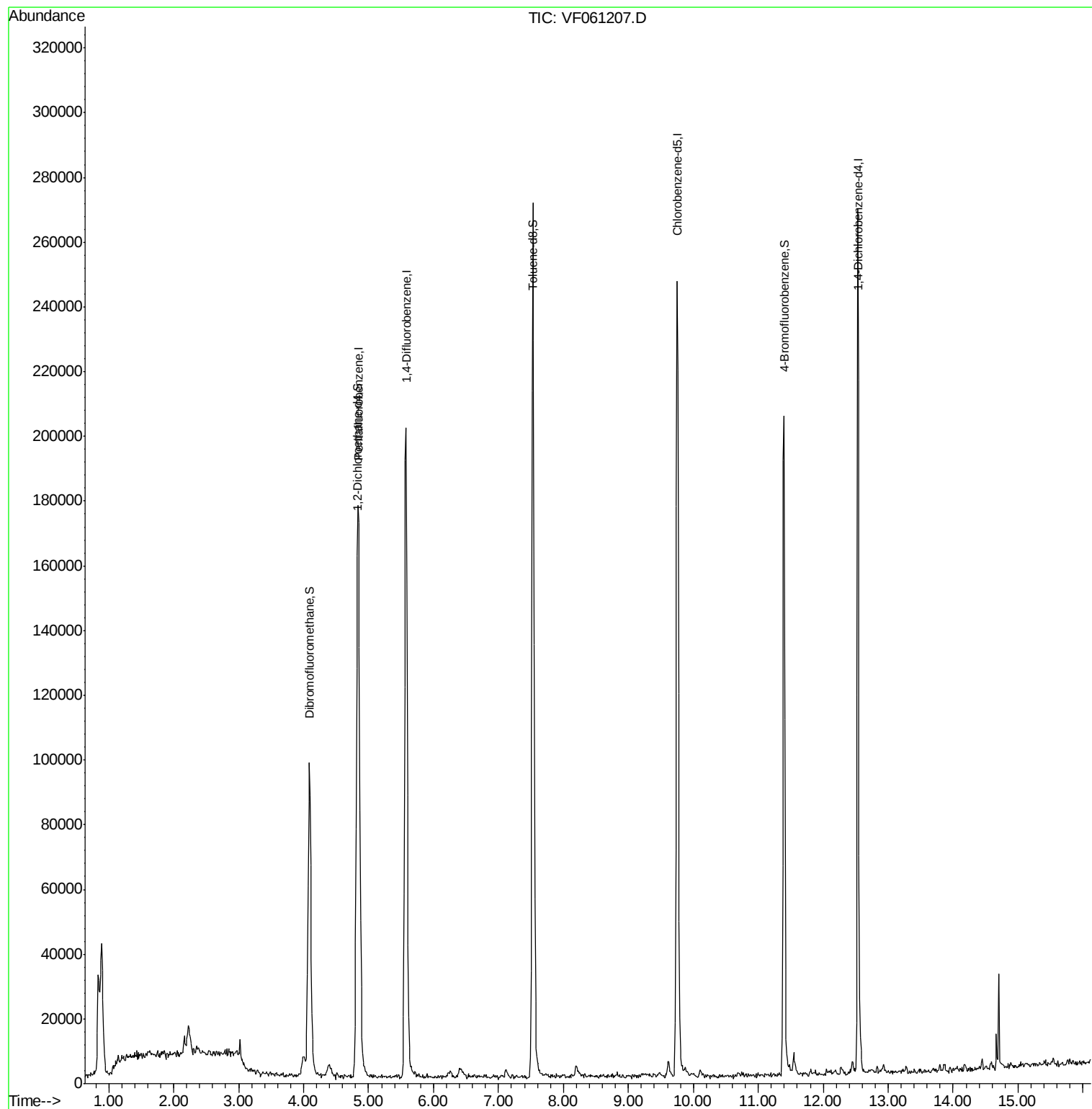
Target Compounds	Qvalue

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

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.85 min Scan# 428

Delta R.T. -0.02 min

Lab File: VF061207.D

Acq: 27 Dec 2018 14:45

Instrument :

MSVOA_F

ClientSampleId :

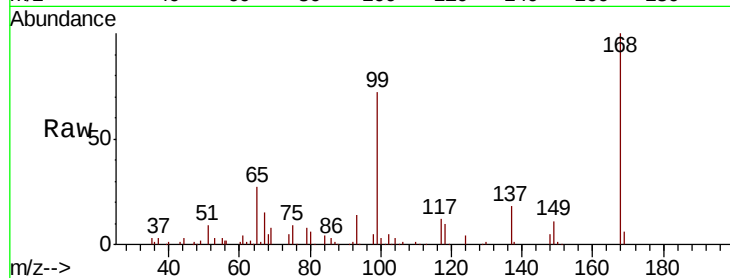
SB-57(0-5)-GRAB

Tot Ion:168 Resp: 125262

Ion Ratio Lower Upper

168 100

99 71.6 54.4 81.6

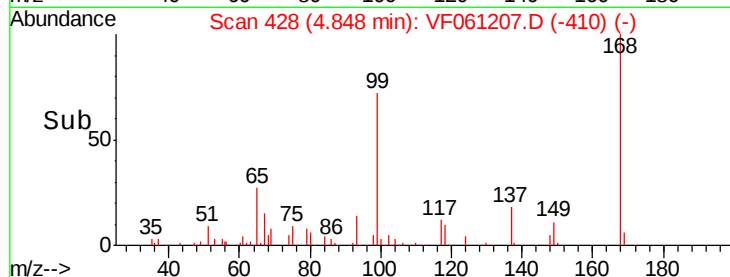


Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

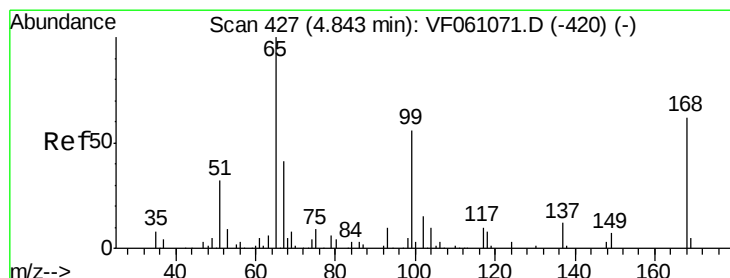
4.85

Time-->



4.85

Time-->



#33

1,2-Dichloroethane-d4

Concen: 54.378 ug/l

RT: 4.82 min Scan# 425

Delta R.T. -0.02 min

Lab File: VF061207.D

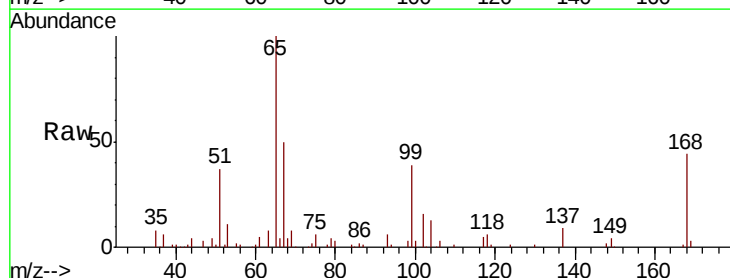
Acq: 27 Dec 2018 14:45

Tgt Ion: 65 Resp: 87608

Ion Ratio Lower Upper

65 100

67 49.6 0.0 94.6

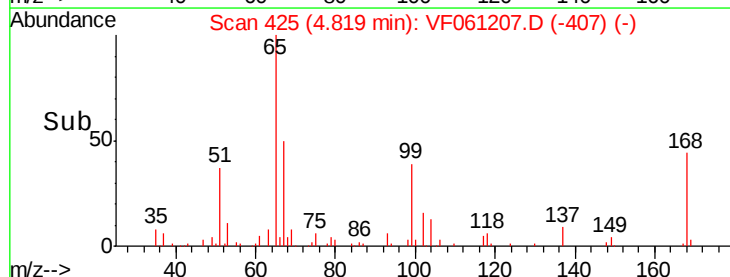


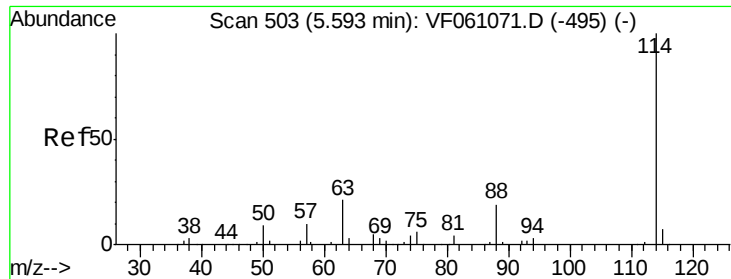
Abundance Ion 65.00 (64.70 to 65.70): VF0

Ion 67.00 (66.70 to 67.70): VF0

4.82

Time-->

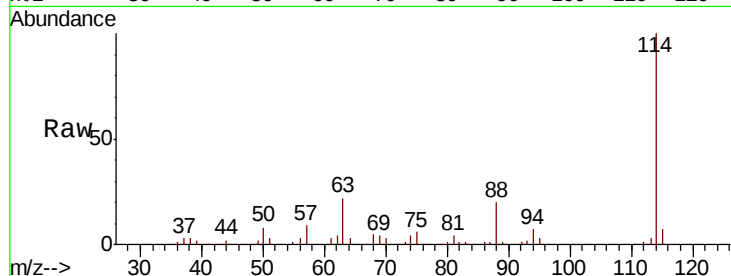




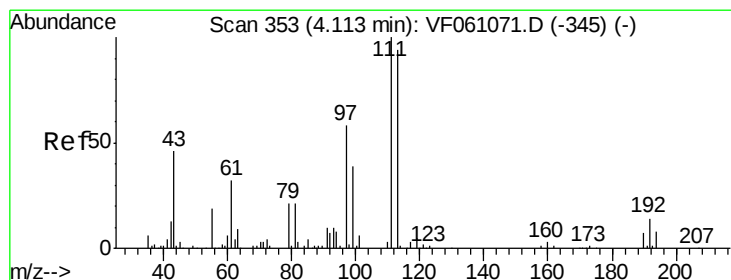
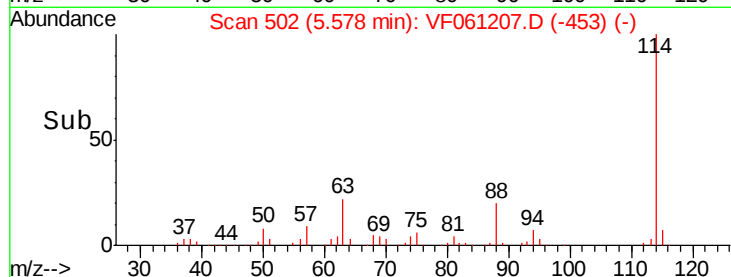
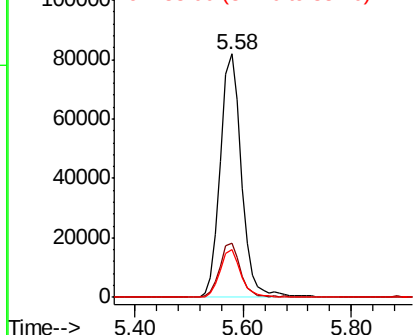
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.58 min Scan# 502
 Delta R.T. -0.01 min
 Lab File: VF061207.D
 Acq: 27 Dec 2018 14:45

Instrument :
 MSVOA_F
 ClientSampleId :
 SB-57(0-5)-GRAB

Tot Ion:114 Resp: 222423
 Ion Ratio Lower Upper
 114 100
 63 22.1 0.0 41.6
 88 19.7 0.0 38.0

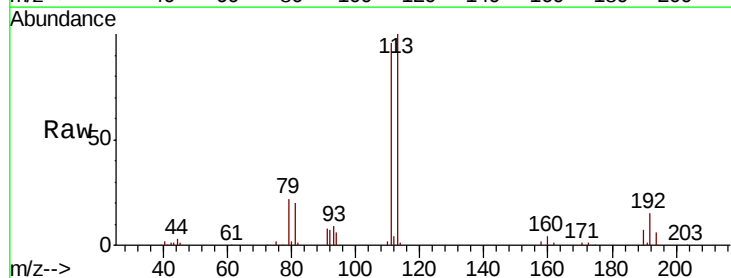


Abundance Ion 114.00 (113.70 to 114.70): V
 Ion 63.00 (62.70 to 63.70): VF0
 Ion 88.00 (87.70 to 88.70): VF0

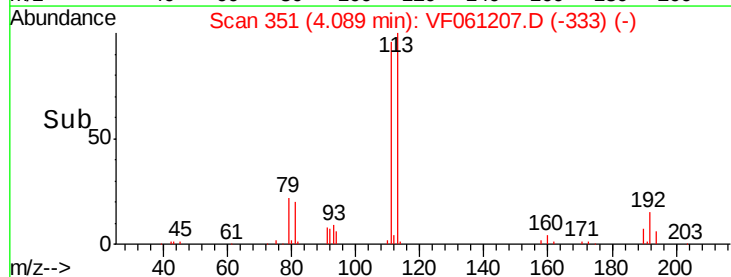
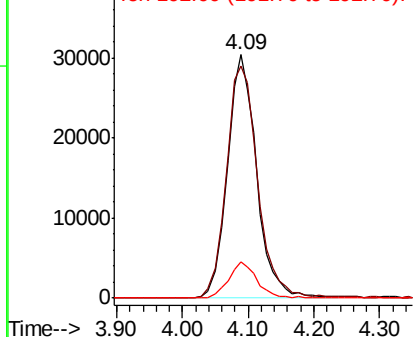


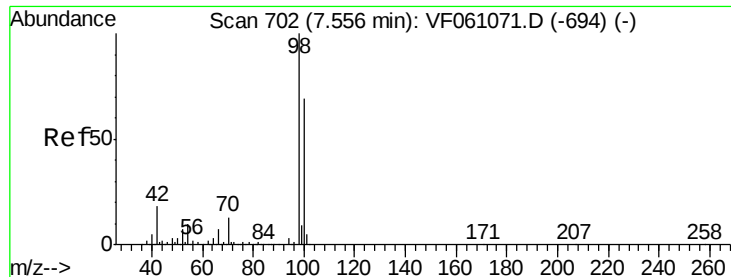
#35
 Dibromofluoromethane
 Concen: 53.003 ug/l
 RT: 4.09 min Scan# 351
 Delta R.T. -0.02 min
 Lab File: VF061207.D
 Acq: 27 Dec 2018 14:45

Tgt Ion:113 Resp: 94437
 Ion Ratio Lower Upper
 113 100
 111 95.5 85.2 127.8
 192 14.8 12.8 19.2



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

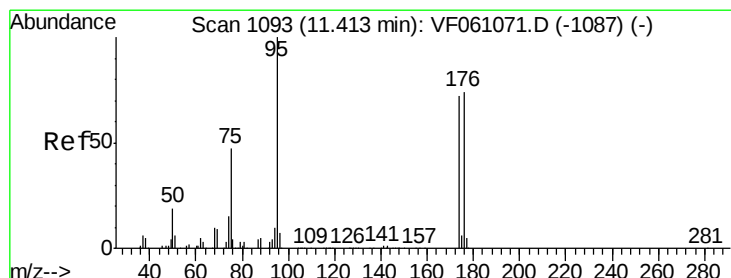
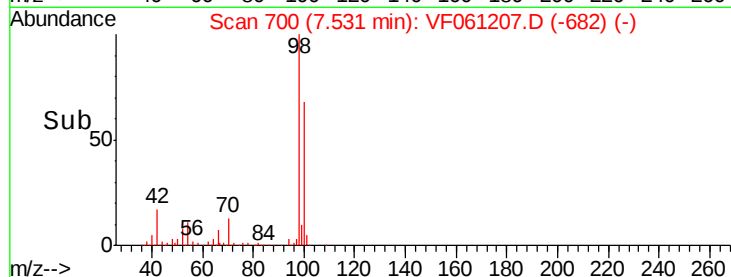
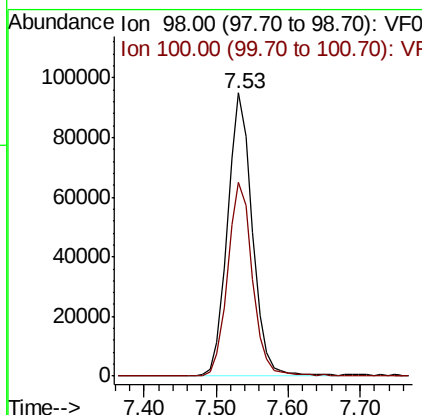
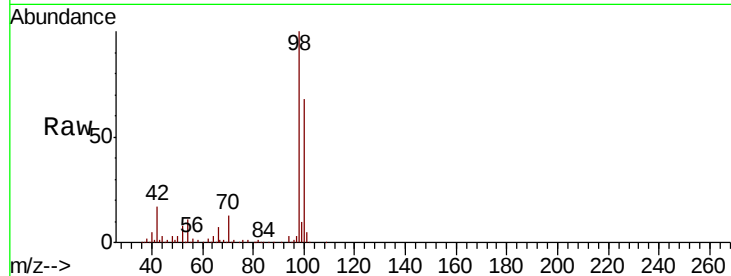




#50
Toluene-d8
Concen: 45.161 ug/l
RT: 7.53 min Scan# 700
Delta R.T. -0.02 min
Lab File: VF061207.D
Acq: 27 Dec 2018 14:45

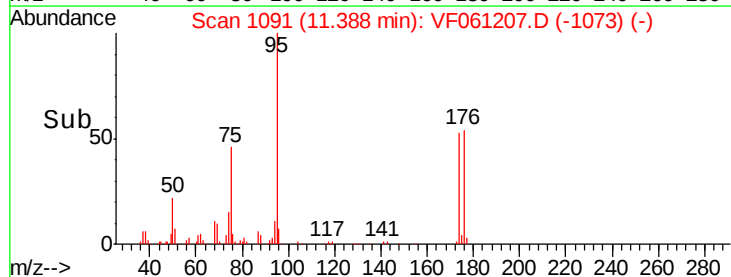
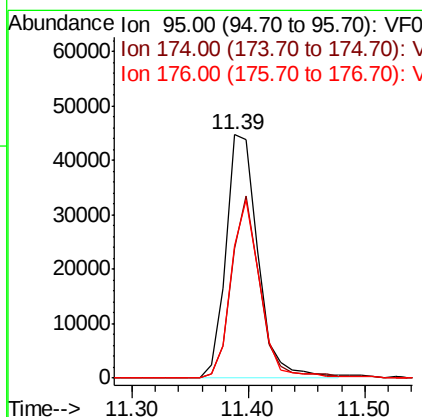
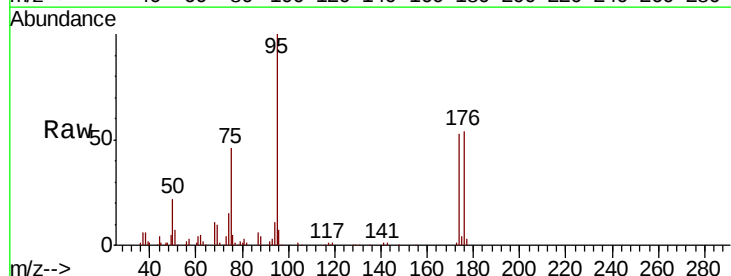
Instrument :
MSVOA_F
ClientSampleId :
SB-57(0-5)-GRAB

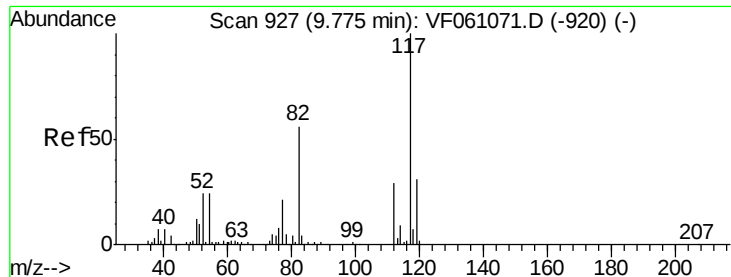
Tot Ion: 98 Resp: 228027
Ion Ratio Lower Upper
98 100
100 68.5 55.3 82.9



#62
4-Bromofluorobenzene
Concen: 36.673 ug/l
RT: 11.39 min Scan# 1091
Delta R.T. -0.02 min
Lab File: VF061207.D
Acq: 27 Dec 2018 14:45

Tgt Ion: 95 Resp: 85366
Ion Ratio Lower Upper
95 100
174 53.5 0.0 143.8
176 54.5 0.0 147.6

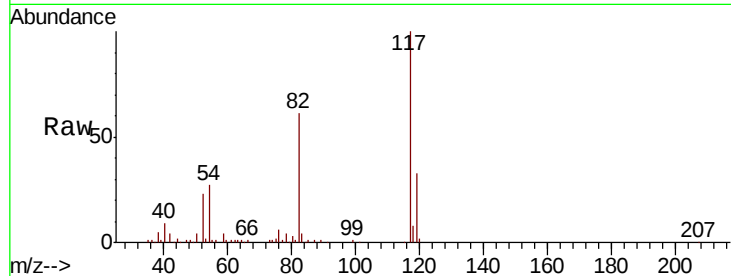




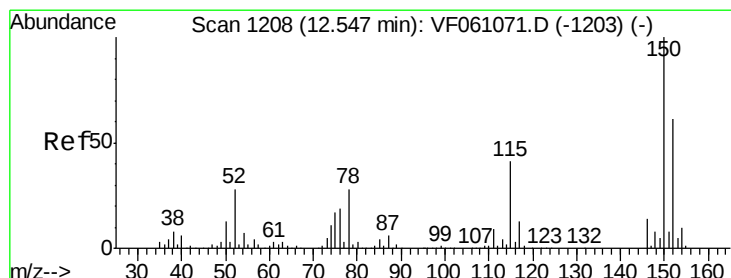
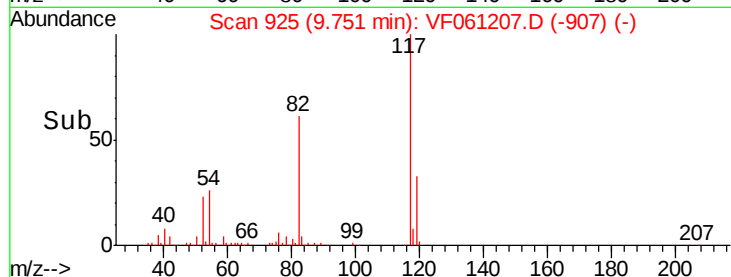
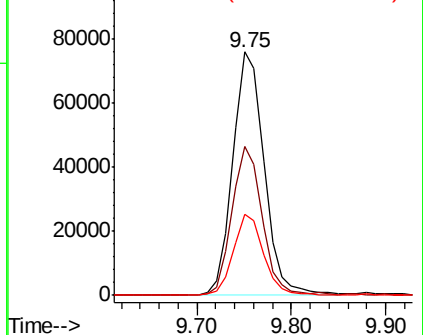
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.75 min Scan# 925
Delta R.T. -0.02 min
Lab File: VF061207.D
Acq: 27 Dec 2018 14:45

Instrument :
MSVOA_F
ClientSampleId :
SB-57(0-5)-GRAB

Tot Ion:117 Resp: 175518
Ion Ratio Lower Upper
117 100
82 61.3 45.0 67.4
119 33.5 24.8 37.2

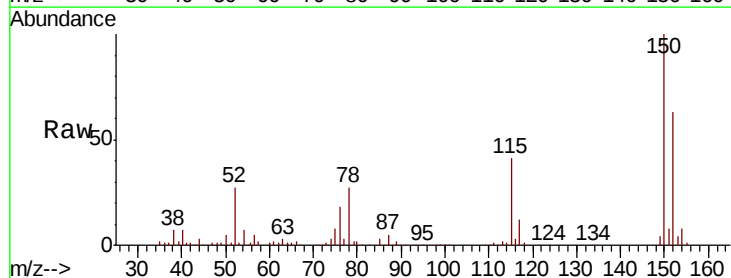


Abundance Ion 117.00 (116.70 to 117.70): V
Ion 82.00 (81.70 to 82.70): VF0
Ion 119.00 (118.70 to 119.70): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.53 min Scan# 1207
Delta R.T. -0.01 min
Lab File: VF061207.D
Acq: 27 Dec 2018 14:45

Tgt Ion:152 Resp: 67442
Ion Ratio Lower Upper
152 100
115 66.1 33.3 99.9
150 159.3 0.0 328.2



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

