

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF082718\
 Data File : VF060121.D
 Acq On : 27 Aug 2018 13:18
 Operator : VA/AP
 Sample : VF0827SBL01
 Misc : 5.00g/5mL/MSVOA F/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 VF0827SBL01

Quant Time: Aug 27 14:15:01 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F082118S.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 22 04:43:43 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.04	168	180508	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.76	114	242947	50.00	ug/l	-0.02
63) Chlorobenzene-d5	9.91	117	273988	50.00	ug/l	-0.02
72) 1,4-Dichlorobenzene-d4	12.63	152	174976	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.01	65	116023	46.96	ug/l	-0.02
Spiked Amount	50.000		Recovery	=	93.92%	
35) Dibromofluoromethane	4.28	113	111008	58.19	ug/l	-0.02
Spiked Amount	50.000		Recovery	=	116.38%	
50) Toluene-d8	7.70	98	270204	49.87	ug/l	-0.02
Spiked Amount	50.000		Recovery	=	99.74%	
62) 4-Bromofluorobenzene	11.51	95	155422	54.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.46%	

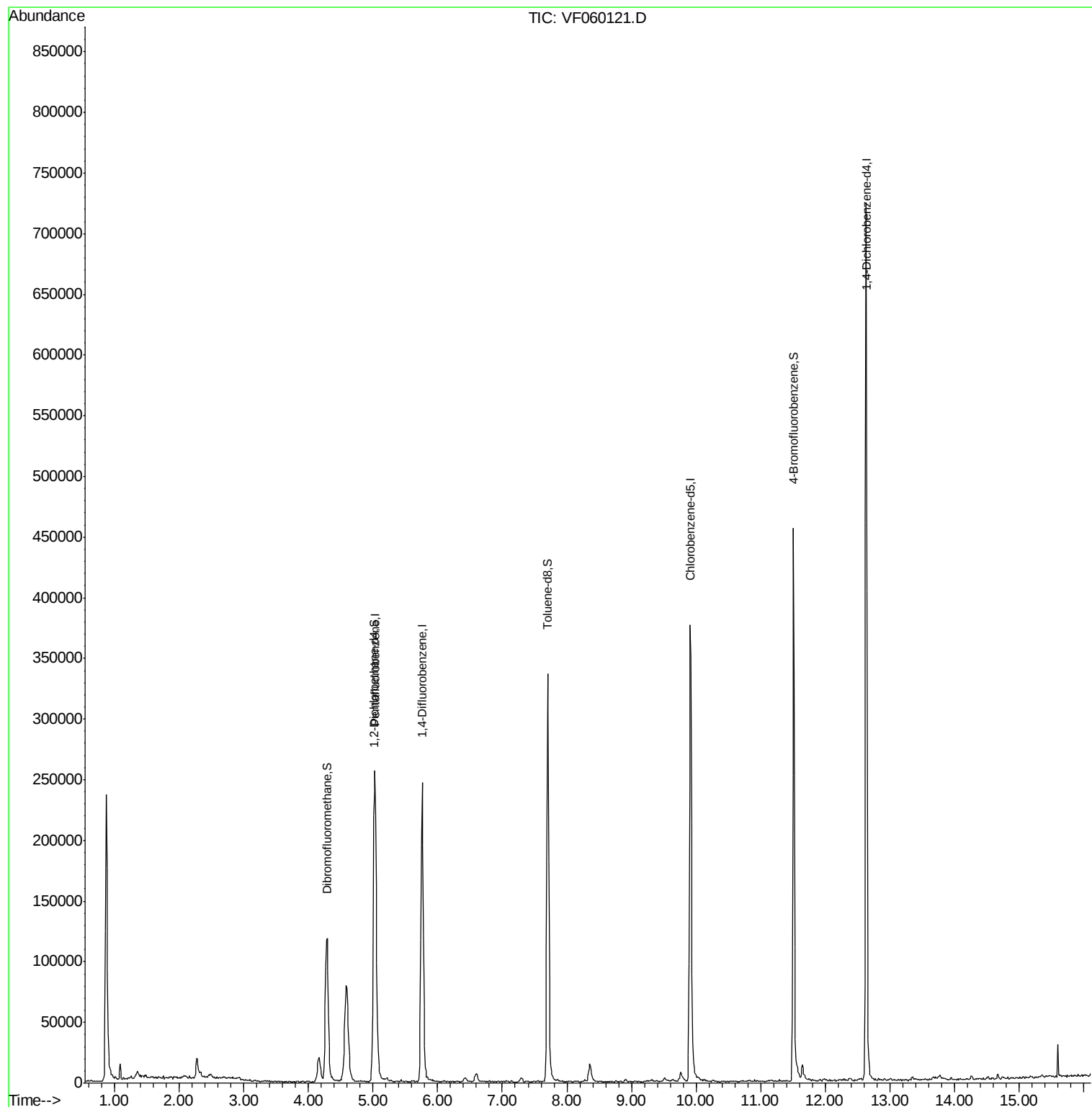
Target Compounds	Qvalue
------------------	--------

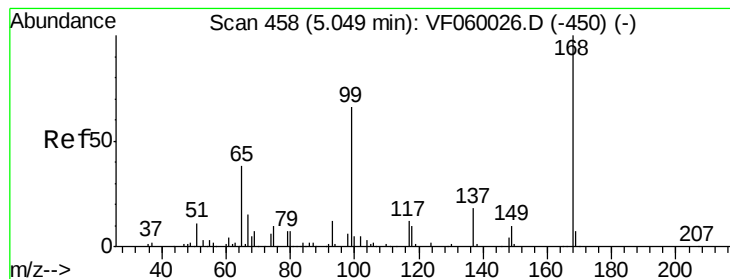
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF082718\
Data File : VF060121.D
Acq On : 27 Aug 2018 13:18
Operator : VA/AP
Sample : VF0827SBL01
Misc : 5.00µg/5mL/MSVOA F/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :
VF0827SBL01

Quant Time: Aug 27 14:15:01 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_F\METHODS\82F082118S.M
Quant Title : SW846 8260
QLast Update : Wed Aug 22 04:43:43 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.04 min Scan# 457

Delta R.T. -0.01 min

Lab File: VF060121.D

Acq: 27 Aug 2018 13:18

Instrument :

MSVOA_F

ClientSampleId :

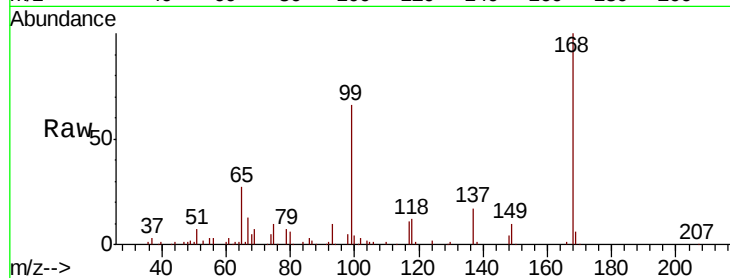
VF0827SBL01

Tot Ion:168 Resp: 180508

Ion Ratio Lower Upper

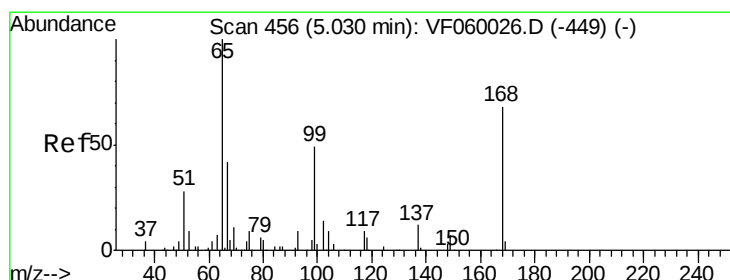
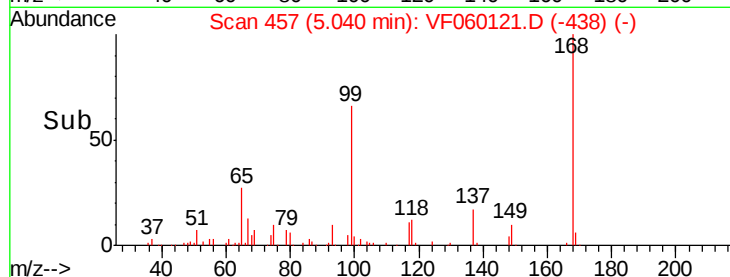
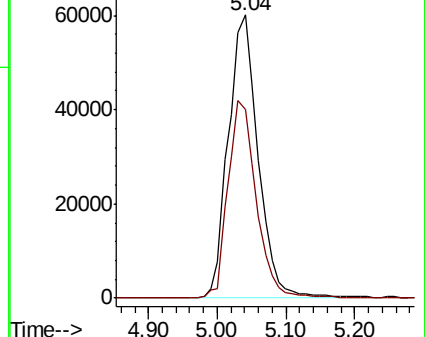
168 100

99 66.5 52.6 79.0



Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0



#33

1,2-Dichloroethane-d4

Concen: 46.96 ug/l

RT: 5.01 min Scan# 454

Delta R.T. -0.02 min

Lab File: VF060121.D

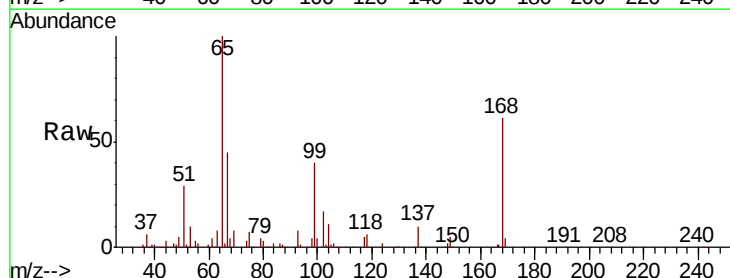
Acq: 27 Aug 2018 13:18

Tgt Ion: 65 Resp: 116023

Ion Ratio Lower Upper

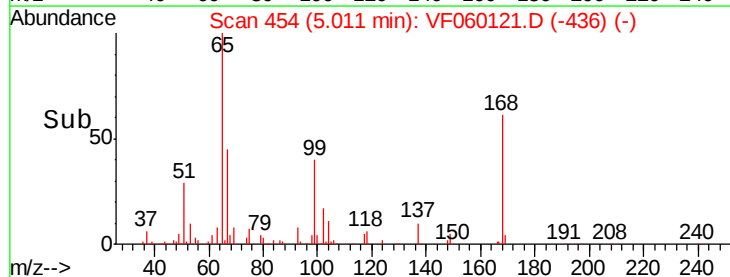
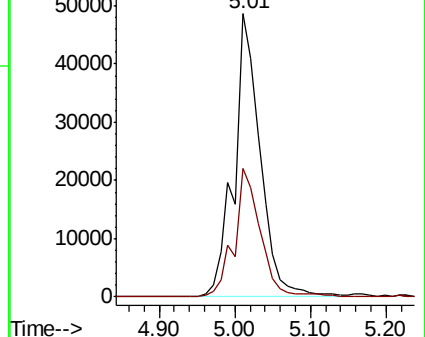
65 100

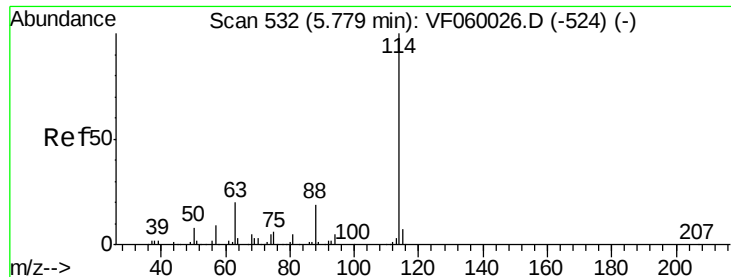
67 45.3 0.0 92.0



Abundance Ion 65.00 (64.70 to 65.70): VF0

Ion 67.00 (66.70 to 67.70): VF0





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 5.76 min Scan# 530

Delta R.T. -0.02 min

Lab File: VF060121.D

Acq: 27 Aug 2018 13:18

Instrument :

MSVOA_F

ClientSampleId :

VF0827SBL01

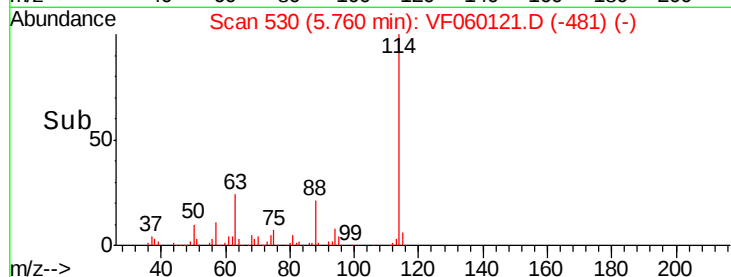
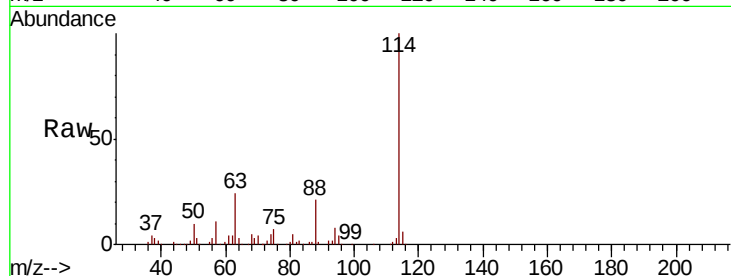
Tot Ion:114 Resp: 242947

Ion Ratio Lower Upper

114 100

63 24.3 0.0 40.4

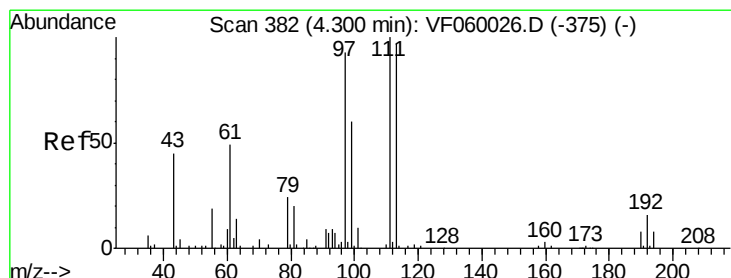
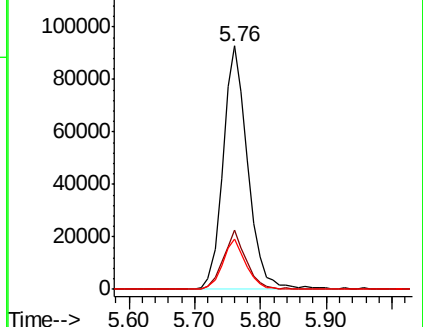
88 20.6 0.0 38.6



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: 58.19 ug/l

RT: 4.28 min Scan# 380

Delta R.T. -0.02 min

Lab File: VF060121.D

Acq: 27 Aug 2018 13:18

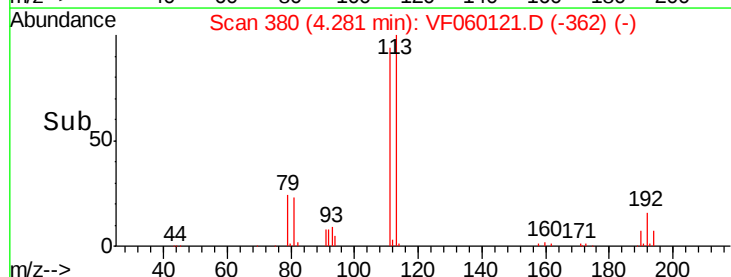
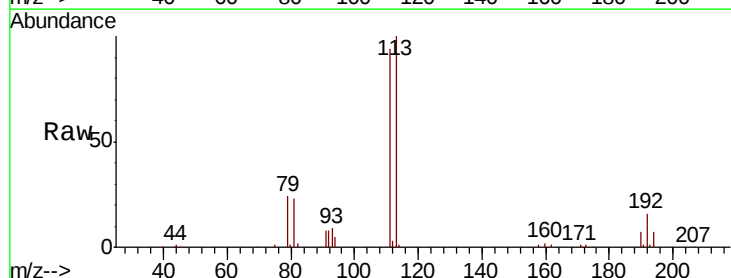
Tgt Ion:113 Resp: 111008

Ion Ratio Lower Upper

113 100

111 93.6 82.7 124.1

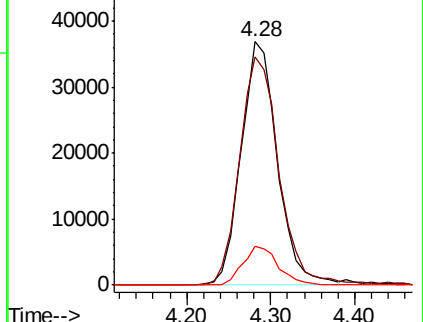
192 16.1 13.0 19.4

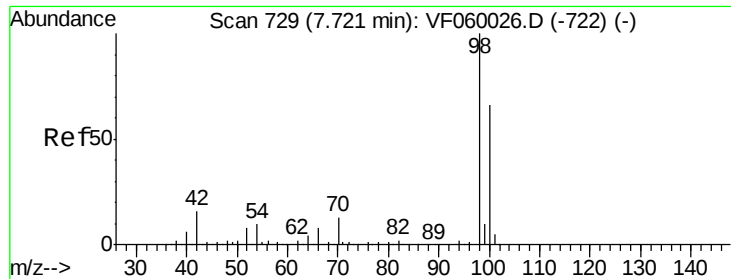


Abundance Ion 113.00 (112.70 to 113.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 192.00 (191.70 to 192.70): V

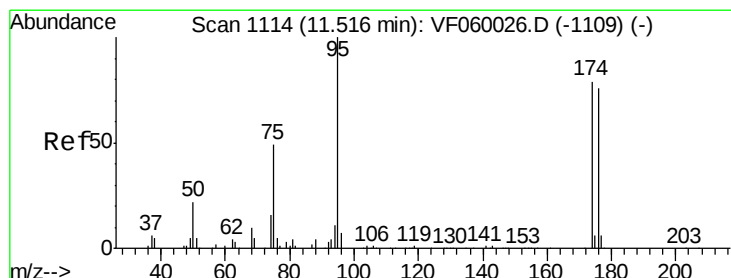
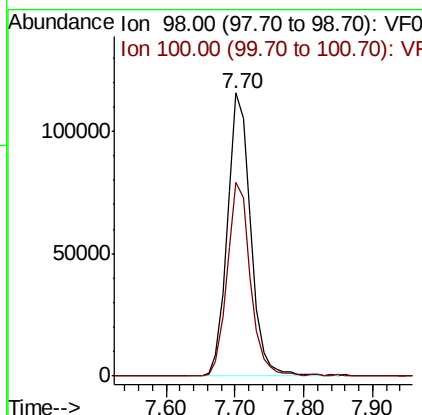
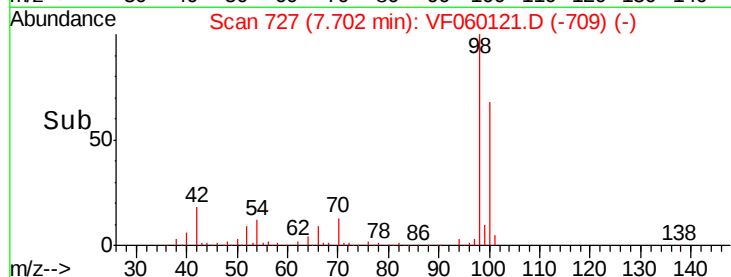
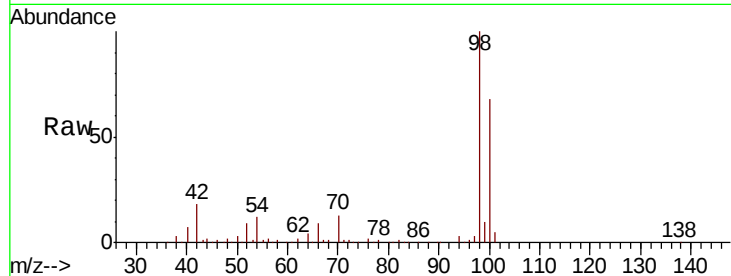




#50
Toluene-d8
Concen: 49.87 ug/l
RT: 7.70 min Scan# 727
Delta R.T. -0.02 min
Lab File: VF060121.D
Acq: 27 Aug 2018 13:18

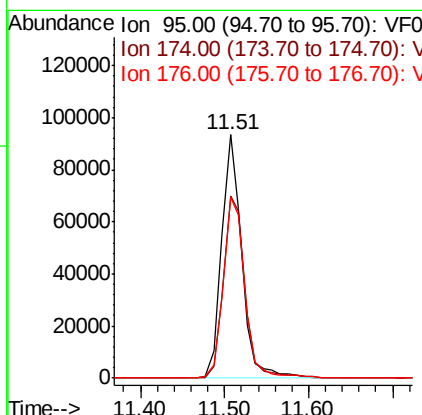
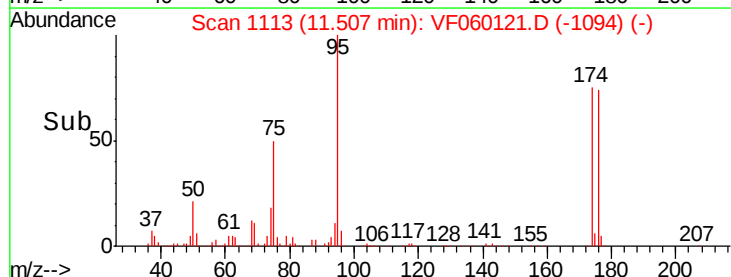
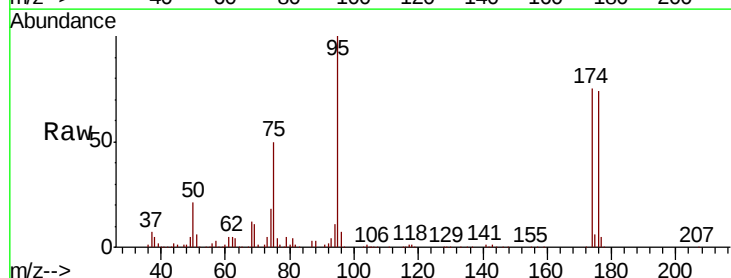
Instrument :
MSVOA_F
ClientSampleId :
VF0827SBL01

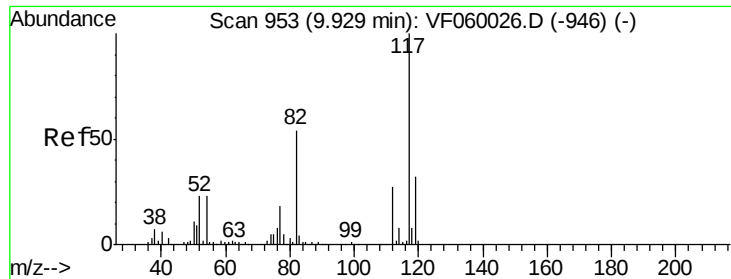
Tot Ion: 98 Resp: 270204
Ion Ratio Lower Upper
98 100
100 68.3 53.2 79.8



#62
4-Bromofluorobenzene
Concen: 54.23 ug/l
RT: 11.51 min Scan# 1113
Delta R.T. -0.01 min
Lab File: VF060121.D
Acq: 27 Aug 2018 13:18

Tgt Ion: 95 Resp: 155422
Ion Ratio Lower Upper
95 100
174 74.6 0.0 158.4
176 74.2 0.0 153.0

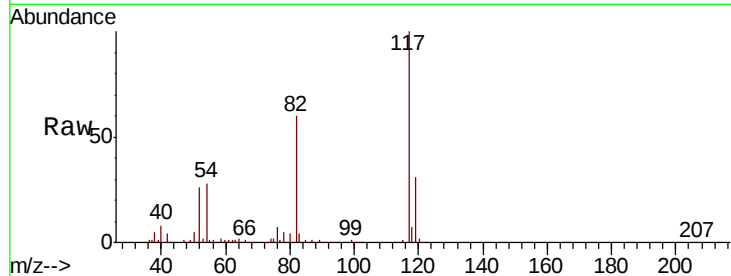




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.91 min Scan# 951
Delta R.T. -0.02 min
Lab File: VF060121.D
Acq: 27 Aug 2018 13:18

Instrument :
MSVOA_F
ClientSampleId :
VF0827SBL01

Tot Ion	Ratio	Lower	Upper
117	100		
82	60.1	43.6	65.4
119	31.1	25.6	38.4

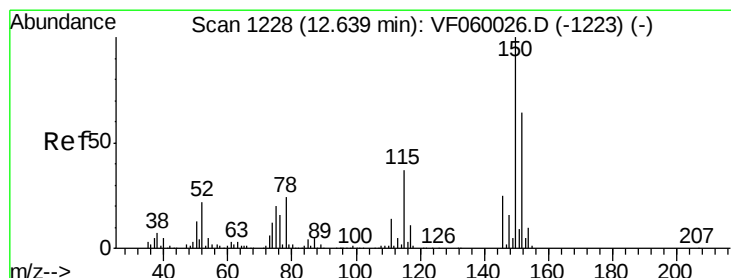
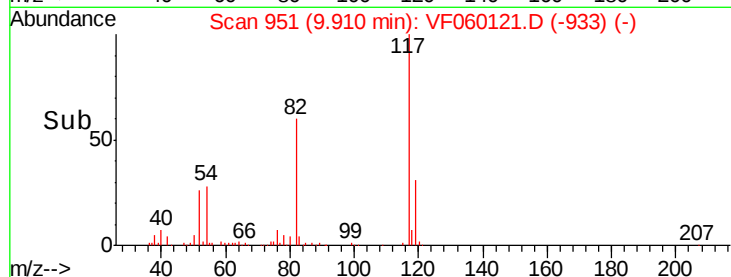
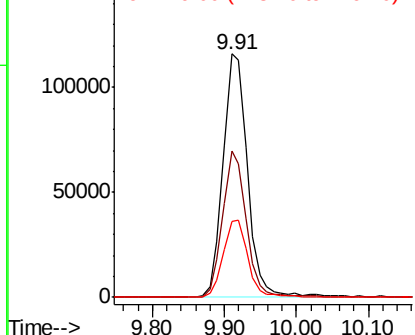


Abundance

Ion 117.00 (116.70 to 117.70): V

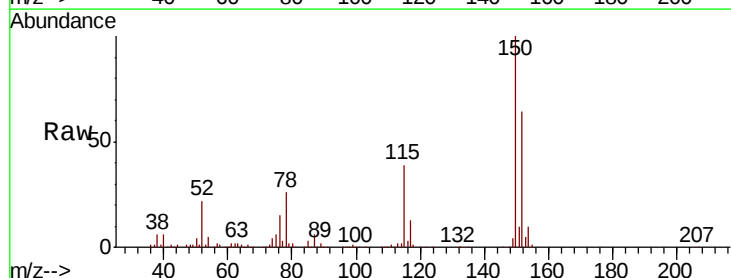
Ion 82.00 (81.70 to 82.70): VF0

Ion 119.00 (118.70 to 119.70): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.63 min Scan# 1227
Delta R.T. -0.01 min
Lab File: VF060121.D
Acq: 27 Aug 2018 13:18

Tgt Ion	Ratio	Lower	Upper
152	100		
115	60.9	28.6	85.9
150	157.3	0.0	312.0



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

