

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF120718\
 Data File : VF060942.D
 Acq On : 7 Dec 2018 21:29
 Operator : VA/AP
 Sample : J6214-29
 Misc : 5.24g/5mL/MSVOA-F/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 SB-2(12.5-14.5)

Quant Time: Dec 08 03:54:39 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F112618S.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 27 01:36:26 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.85	168	186879	50.00	ug/l	-0.06
34) 1,4-Difluorobenzene	5.57	114	318624	50.00	ug/l	-0.06
63) Chlorobenzene-d5	9.76	117	261935	50.00	ug/l	-0.06
72) 1,4-Dichlorobenzene-d4	12.54	152	114503	50.00	ug/l	-0.04

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.82	65	98671	44.82	ug/l	-0.06
Spiked Amount	50.000		Recovery	=	89.64%	
35) Dibromofluoromethane	4.09	113	106515	42.14	ug/l	-0.06
Spiked Amount	50.000		Recovery	=	84.28%	
50) Toluene-d8	7.54	98	240172	32.26	ug/l	-0.06
Spiked Amount	50.000		Recovery	=	64.52%	
62) 4-Bromofluorobenzene	11.39	95	111508	32.95	ug/l	-0.05
Spiked Amount	50.000		Recovery	=	65.90%	

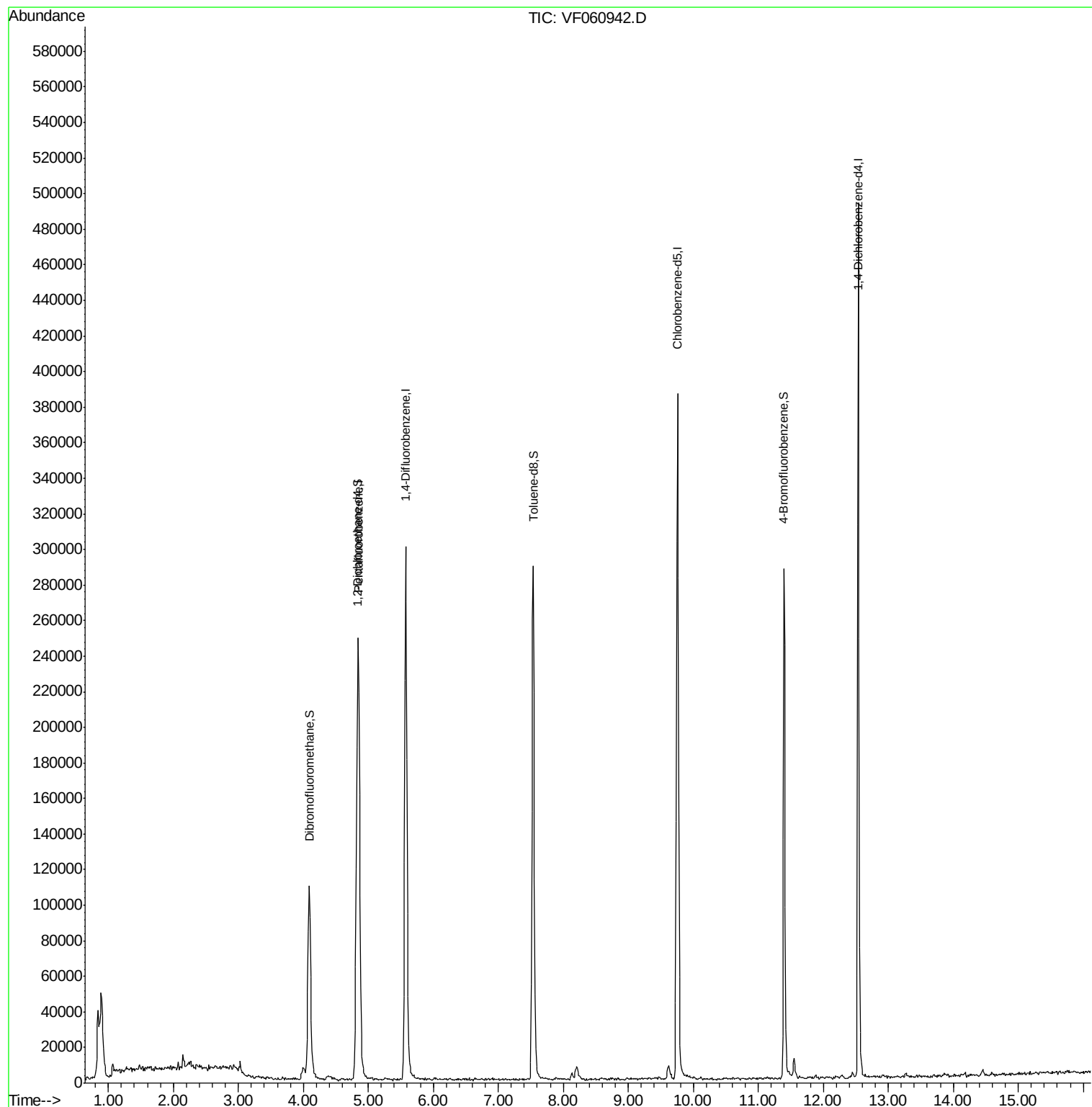
Target Compounds	Qvalue
------------------	--------

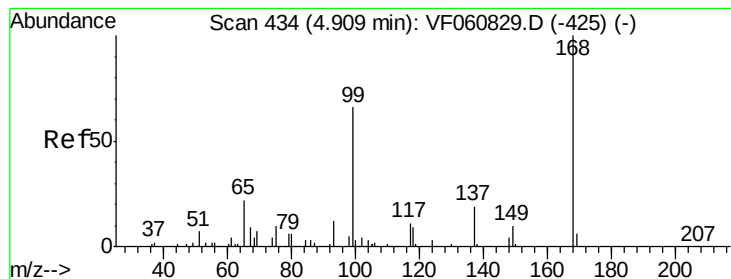
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_F\DATA\VF120718\
Data File : VF060942.D
Acq On : 7 Dec 2018 21:29
Operator : VA/AP
Sample : J6214-29
Misc : 5.24g/5mL/MSVOA-F/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :
SB-2(12.5-14.5)

Quant Time: Dec 08 03:54:39 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_F\METHODS\82F112618S.M
Quant Title : SW846 8260
QLast Update : Tue Nov 27 01:36:26 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.85 min Scan# 428

Delta R.T. -0.06 min

Lab File: VF060942.D

Acq: 7 Dec 2018 21:29

Instrument :

MSVOA_F

ClientSampleId :

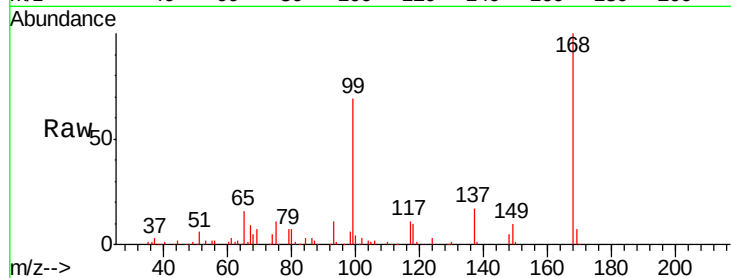
SB-2(12.5-14.5)

Tgt Ion:168 Resp: 186879

Ion Ratio Lower Upper

168 100

99 68.6 52.6 79.0



Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

4.85

60000

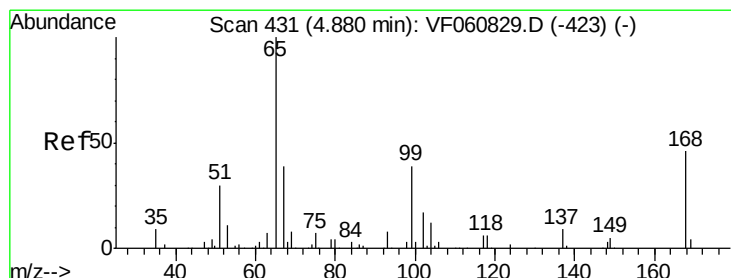
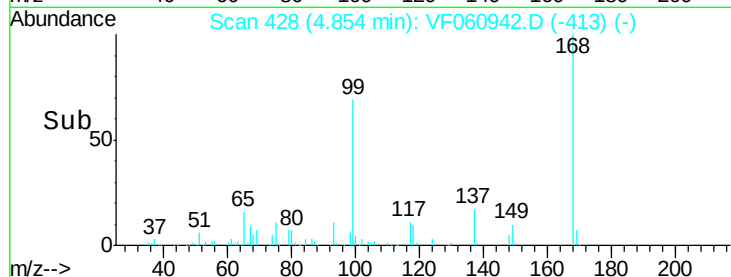
40000

20000

0

Time-->

4.70 4.80 4.90 5.00



#33

1,2-Dichloroethane-d4

Concen: 44.820 ug/l

RT: 4.82 min Scan# 425

Delta R.T. -0.06 min

Lab File: VF060942.D

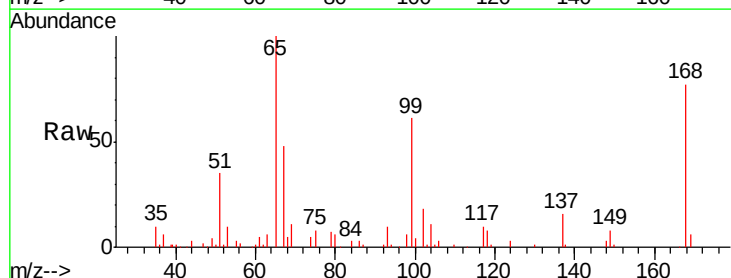
Acq: 7 Dec 2018 21:29

Tgt Ion: 65 Resp: 98671

Ion Ratio Lower Upper

65 100

67 47.8 0.0 96.4



Abundance Ion 65.00 (64.70 to 65.70): VF0

Ion 67.00 (66.70 to 67.70): VF0

4.82

40000

30000

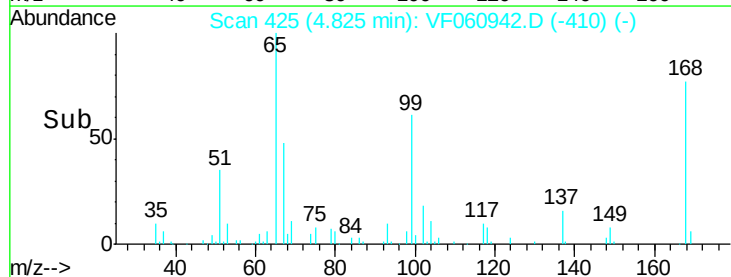
20000

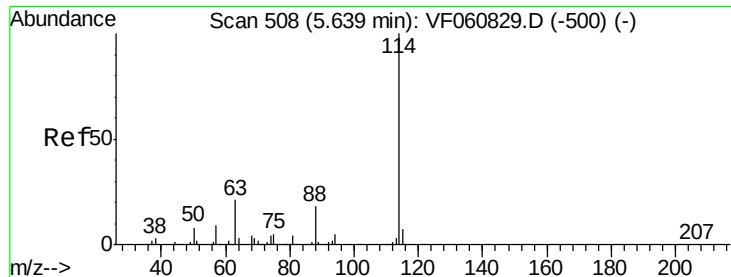
10000

0

Time-->

4.70 4.80 4.90 5.00

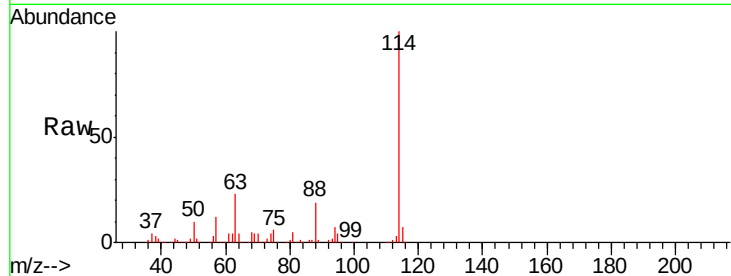




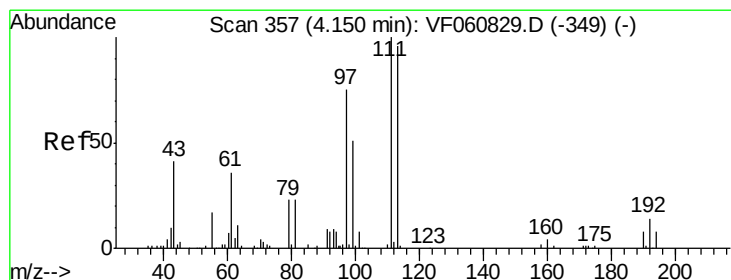
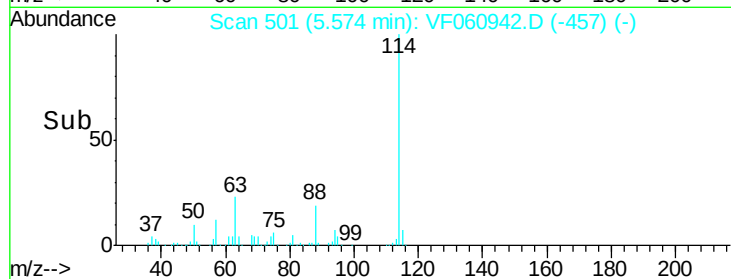
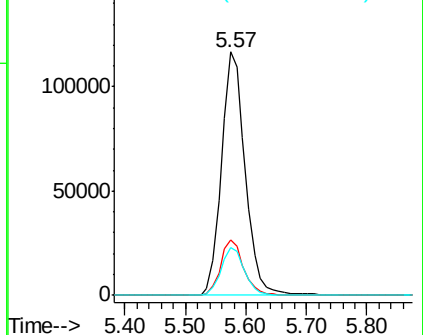
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.57 min Scan# 501
 Delta R.T. -0.06 min
 Lab File: VF060942.D
 Acq: 7 Dec 2018 21:29

Instrument :
 MSVOA_F
 ClientSampleId :
 SB-2(12.5-14.5)

Tgt Ion	Ratio	Lower	Upper
114	100		
63	23.0	0.0	41.6
88	19.5	0.0	36.6

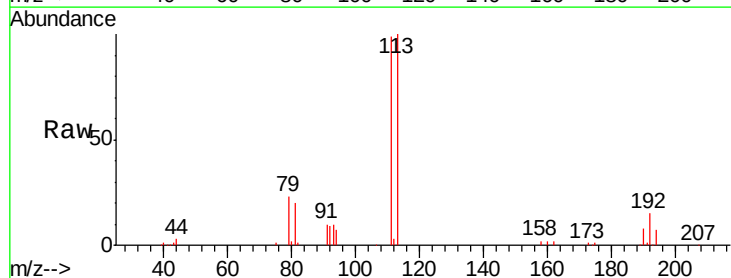


Abundance Ion 114.00 (113.70 to 114.70): V
 Ion 63.00 (62.70 to 63.70): VF0
 Ion 88.00 (87.70 to 88.70): VF0

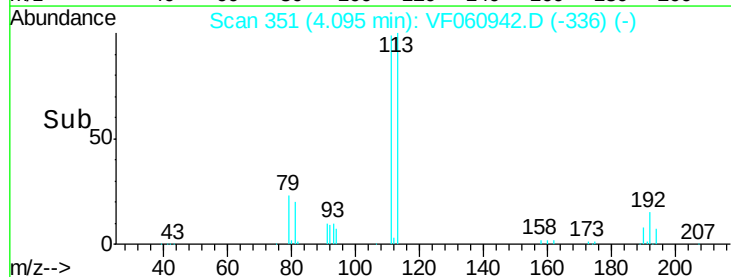
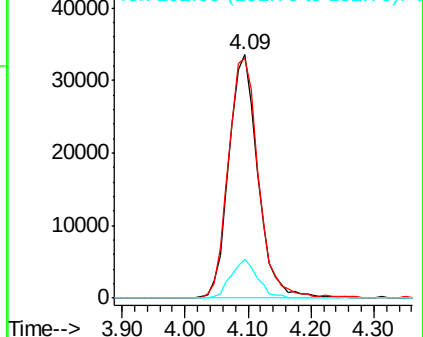


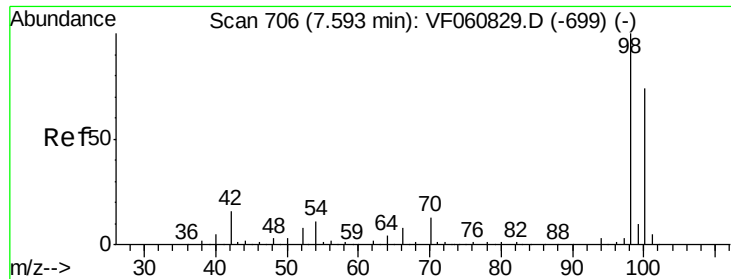
#35
 Dibromofluoromethane
 Concen: 42.139 ug/l
 RT: 4.09 min Scan# 351
 Delta R.T. -0.06 min
 Lab File: VF060942.D
 Acq: 7 Dec 2018 21:29

Tgt Ion	Ratio	Lower	Upper
113	100		
111	98.6	83.0	124.6
192	15.7	12.3	18.5



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

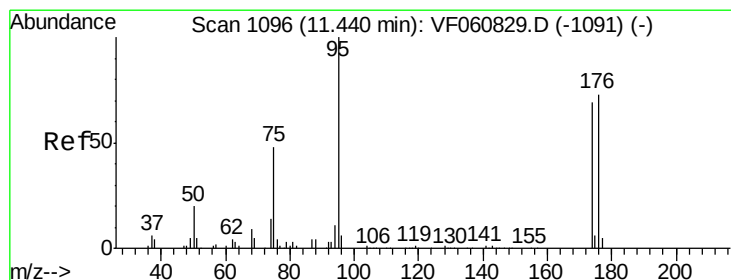
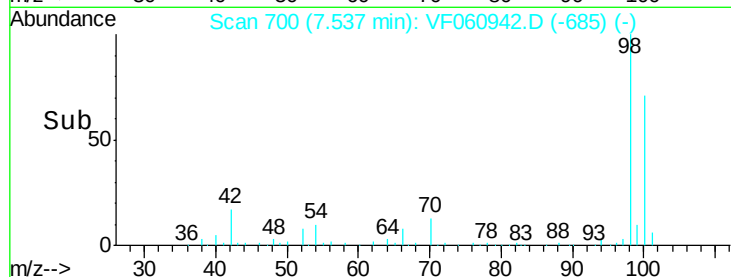
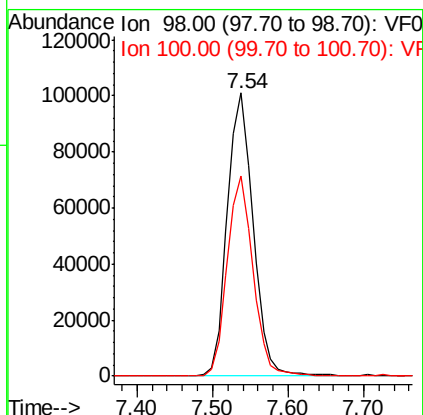
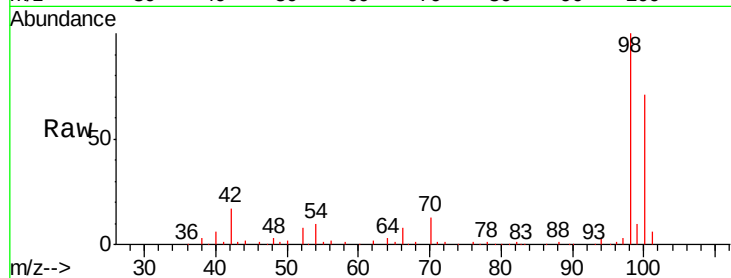




#50
Toluene-d8
Concen: 32.256 ug/l
RT: 7.54 min Scan# 700
Delta R.T. -0.06 min
Lab File: VF060942.D
Acq: 7 Dec 2018 21:29

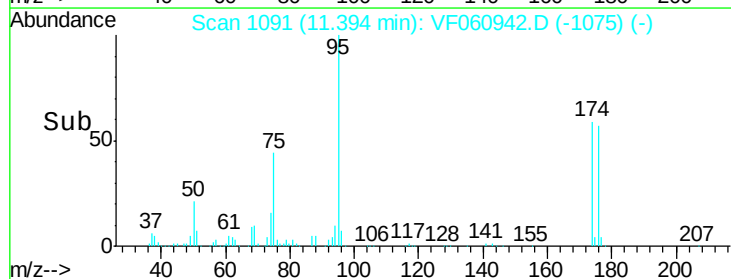
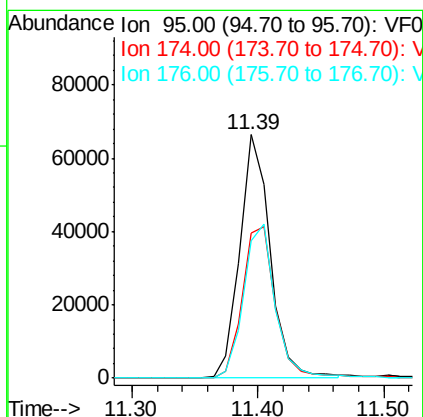
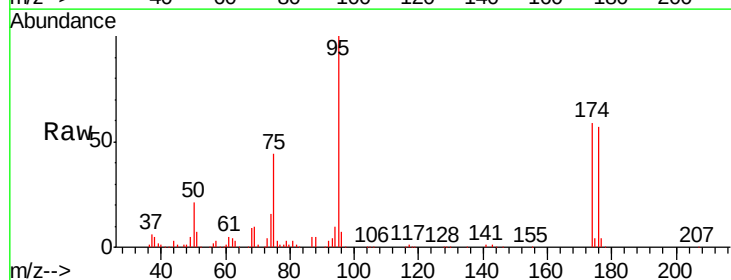
Instrument :
MSVOA_F
ClientSampleId :
SB-2(12.5-14.5)

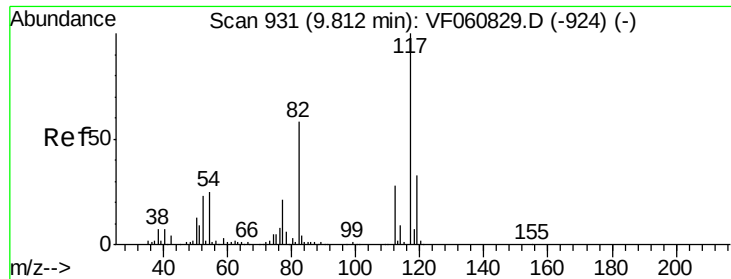
Tgt Ion: 98 Resp: 240172
Ion Ratio Lower Upper
98 100
100 70.5 59.3 88.9



#62
4-Bromofluorobenzene
Concen: 32.951 ug/l
RT: 11.39 min Scan# 1091
Delta R.T. -0.05 min
Lab File: VF060942.D
Acq: 7 Dec 2018 21:29

Tgt Ion: 95 Resp: 111508
Ion Ratio Lower Upper
95 100
174 59.5 0.0 138.2
176 56.6 0.0 146.2

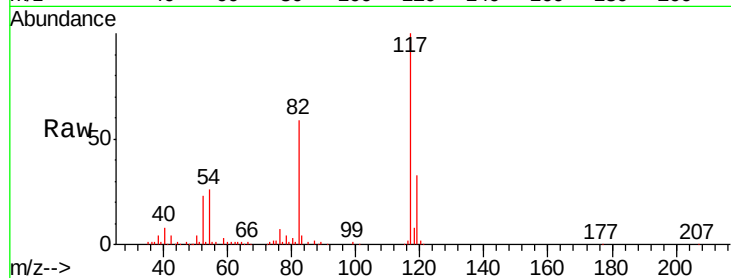




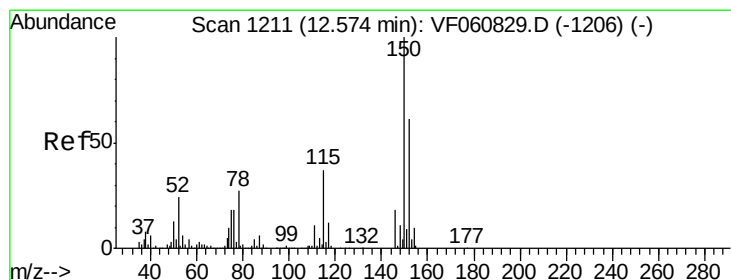
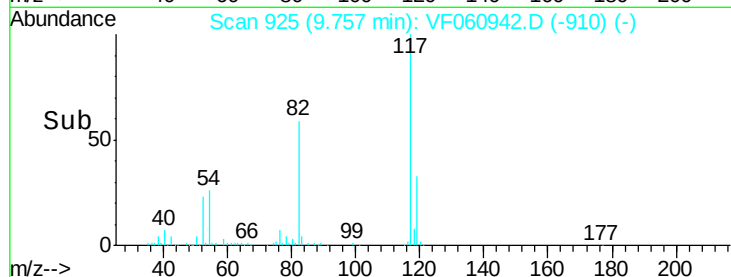
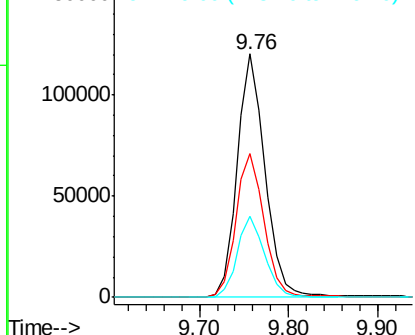
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.76 min Scan# 925
Delta R.T. -0.06 min
Lab File: VF060942.D
Acq: 7 Dec 2018 21:29

Instrument :
MSVOA_F
ClientSampleId :
SB-2(12.5-14.5)

Tgt Ion:117 Resp: 261935
Ion Ratio Lower Upper
117 100
82 59.1 46.6 69.8
119 33.1 26.4 39.6

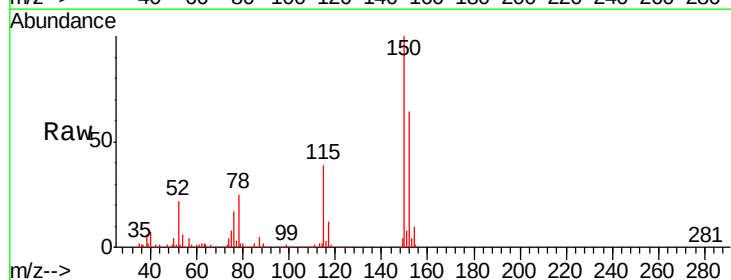


Abundance Ion 117.00 (116.70 to 117.70): V
Ion 82.00 (81.70 to 82.70): VF0
Ion 119.00 (118.70 to 119.70): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.54 min Scan# 1207
Delta R.T. -0.04 min
Lab File: VF060942.D
Acq: 7 Dec 2018 21:29

Tgt Ion:152 Resp: 114503
Ion Ratio Lower Upper
152 100
115 61.2 30.1 90.5
150 155.2 0.0 327.6



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

