

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF082318\
 Data File : VF060073.D
 Acq On : 24 Aug 2018 2:21
 Operator : VA/AP
 Sample : VF0823SBL02
 Misc : 5.00g/5mL/MSVOA F/SOIL
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 VF0823SBL02

Quant Time: Aug 24 04:13:55 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	166225	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.77	114	274213	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.92	117	298789	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.63	152	184589	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.02	65	124165	54.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.16%	
35) Dibromofluoromethane	4.29	113	116288	54.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.02%	
50) Toluene-d8	7.71	98	304666	49.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.64%	
62) 4-Bromofluorobenzene	11.51	95	159636	49.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.70%	

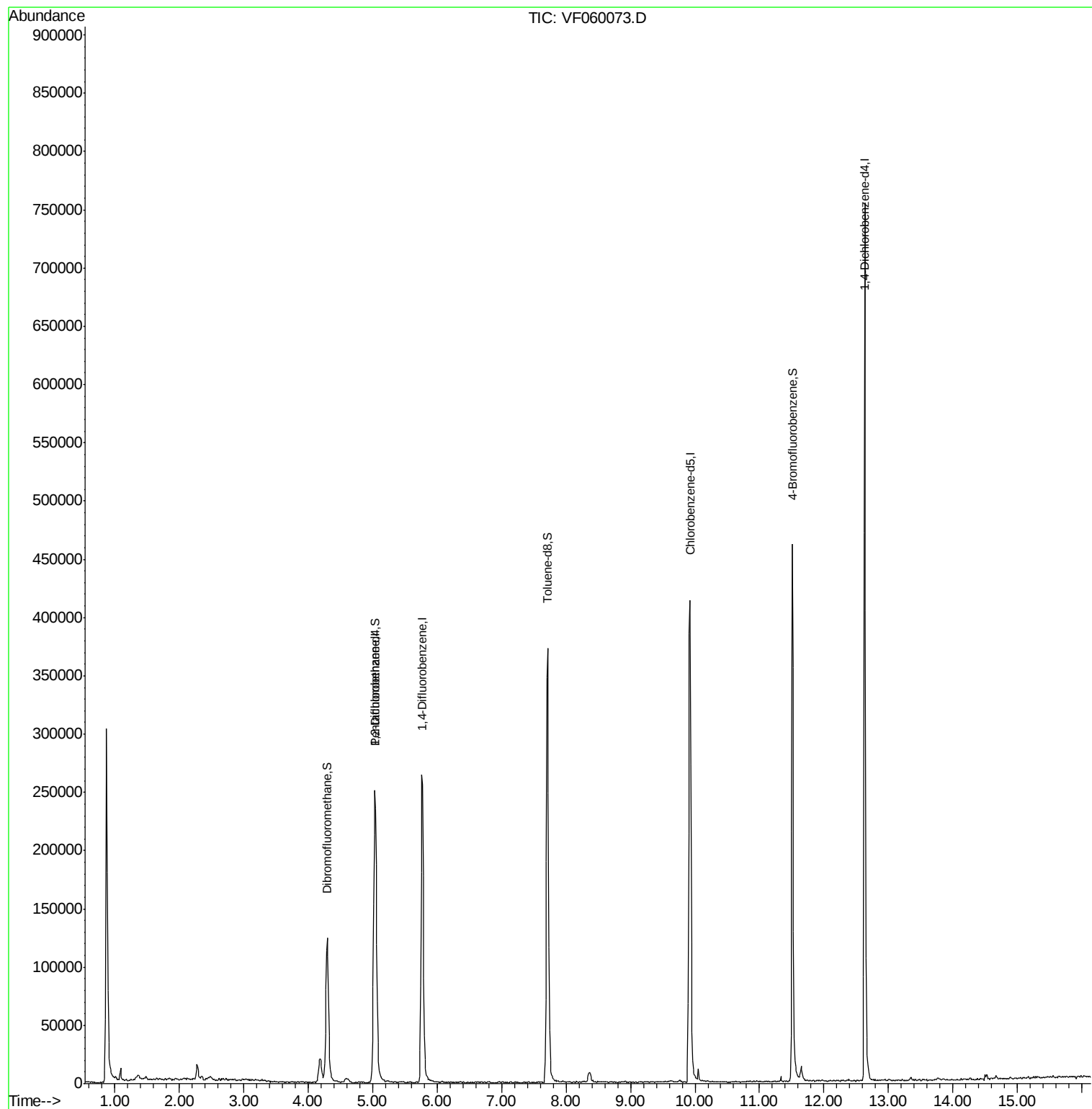
Target Compounds	Qvalue

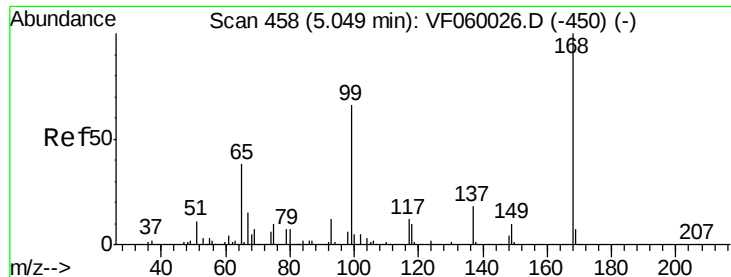
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF082318\
Data File : VF060073.D
Acq On : 24 Aug 2018 2:21
Operator : VA/AP
Sample : VF0823SBL02
Misc : 5.00µ/5mL/MSVOA F/SOIL
ALS Vial : 39 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :
VF0823SBL02

Quant Time: Aug 24 04:13:55 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# 458

Delta R.T. -0.01 min

Lab File: VF060073.D

Acq: 24 Aug 2018 2:21

Instrument :

MSVOA_F

ClientSampleId :

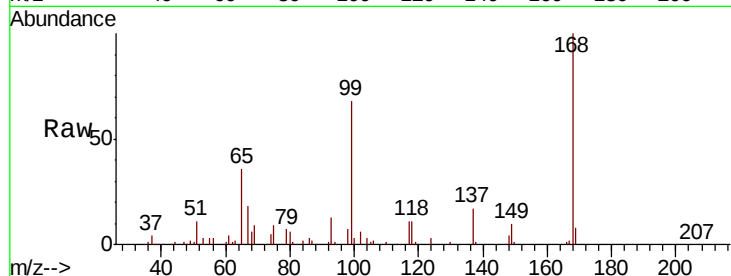
VF0823SBL02

Tot Ion:168 Resp: 166225

Ion Ratio Lower Upper

168 100

99 68.1 52.6 79.0



Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

5.04

60000

50000

40000

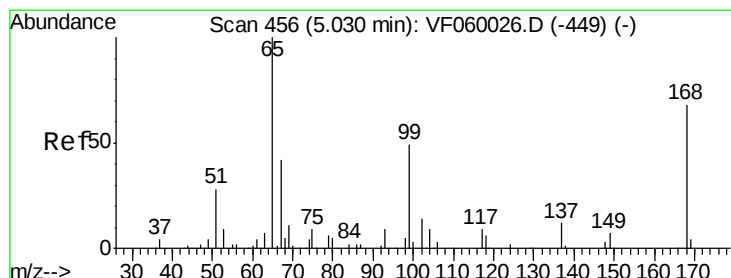
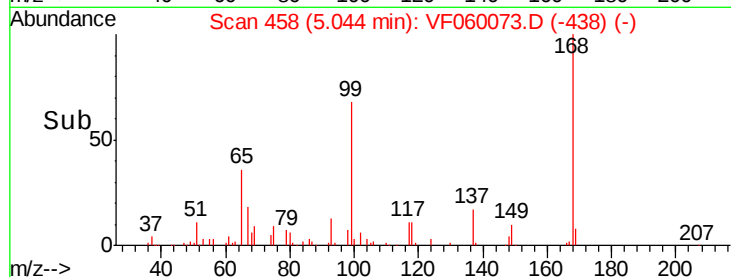
30000

20000

10000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 54.58 ug/l

RT: 5.02 min Scan# 456

Delta R.T. -0.01 min

Lab File: VF060073.D

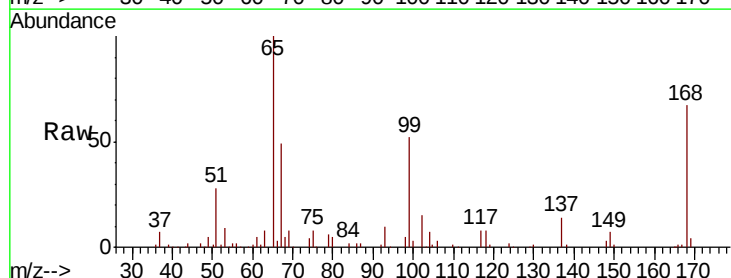
Acq: 24 Aug 2018 2:21

Tgt Ion: 65 Resp: 124165

Ion Ratio Lower Upper

65 100

67 49.3 0.0 92.0



Abundance Ion 65.00 (64.70 to 65.70): VF0

Ion 67.00 (66.70 to 67.70): VF0

5.02

50000

40000

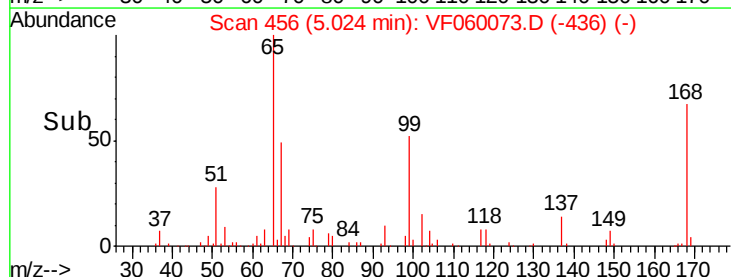
30000

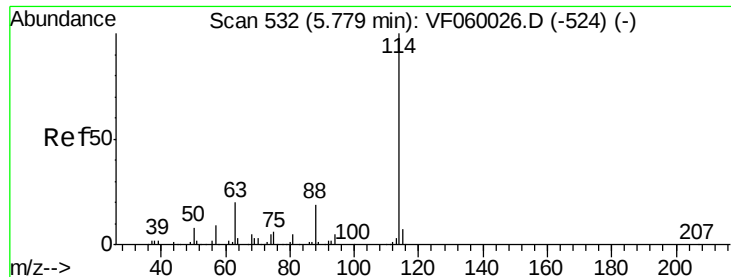
20000

10000

0

Time-->





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 5.77 min Scan# 532

Delta R.T. -0.01 min

Lab File: VF060073.D

Acq: 24 Aug 2018 2:21

Instrument :

MSVOA_F

ClientSampleId :

VF0823SBL02

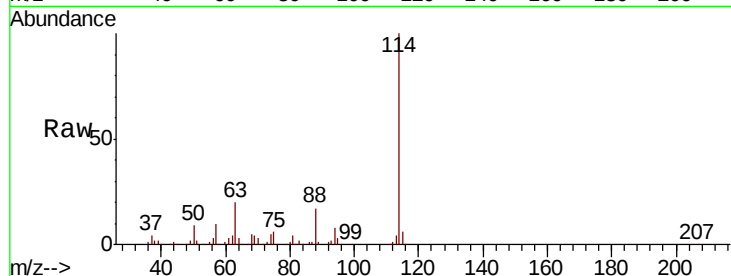
Tot Ion:114 Resp: 274213

Ion Ratio Lower Upper

114 100

63 20.3 0.0 40.4

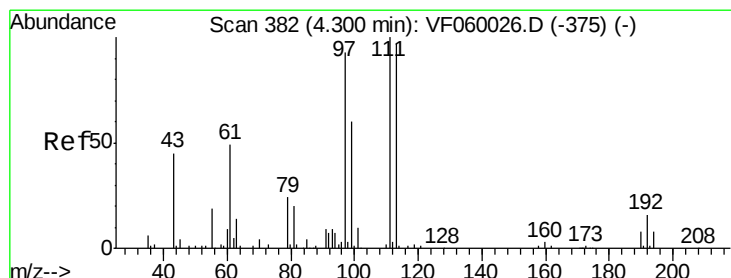
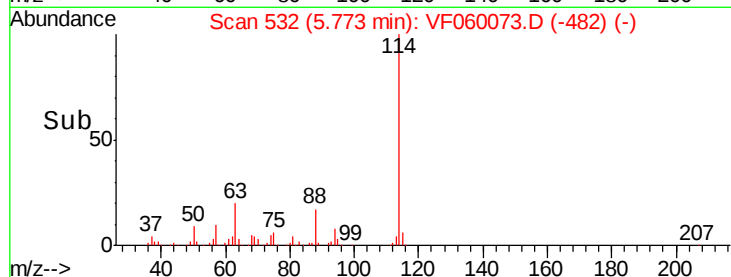
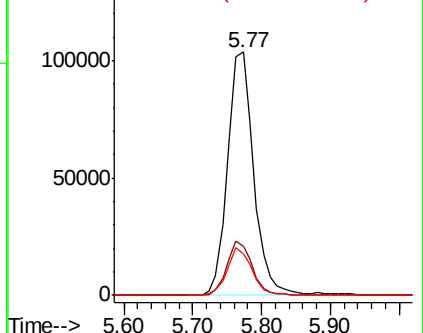
88 17.0 0.0 38.6



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: 54.01 ug/l

RT: 4.29 min Scan# 382

Delta R.T. -0.01 min

Lab File: VF060073.D

Acq: 24 Aug 2018 2:21

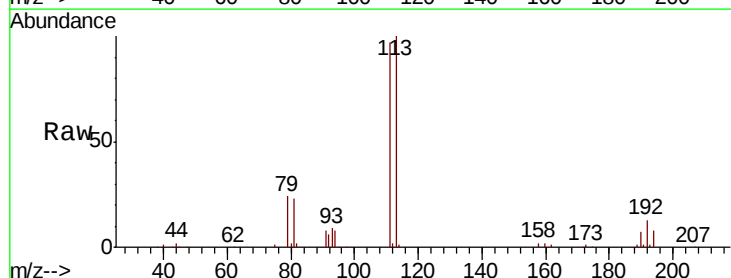
Tgt Ion:113 Resp: 116288

Ion Ratio Lower Upper

113 100

111 95.6 82.7 124.1

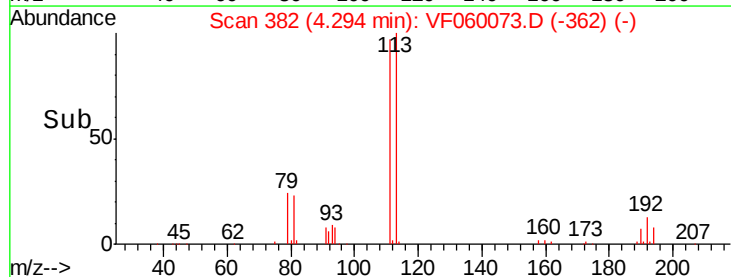
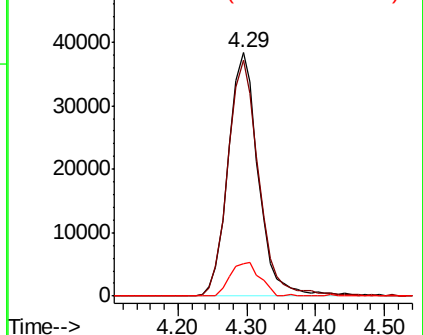
192 13.2 13.0 19.4

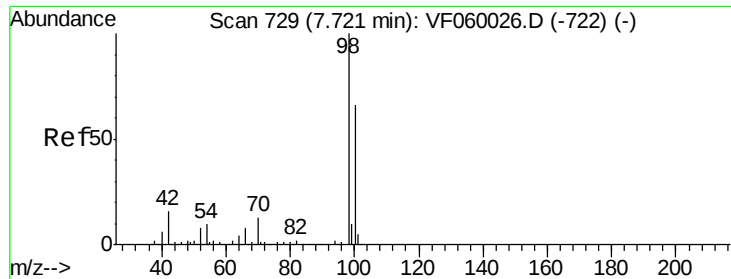


Abundance Ion 113.00 (112.70 to 113.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 192.00 (191.70 to 192.70): V

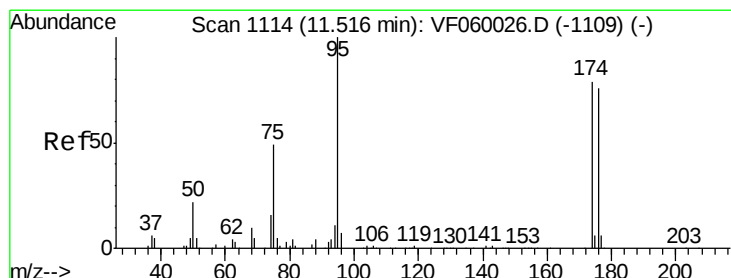
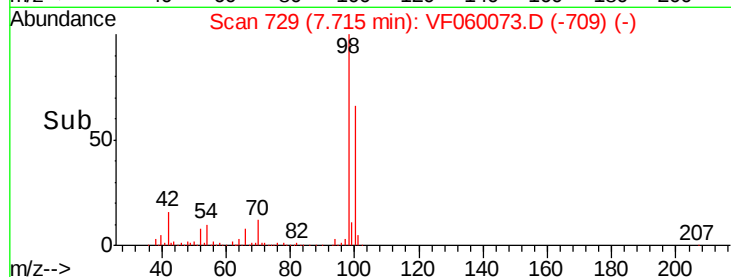
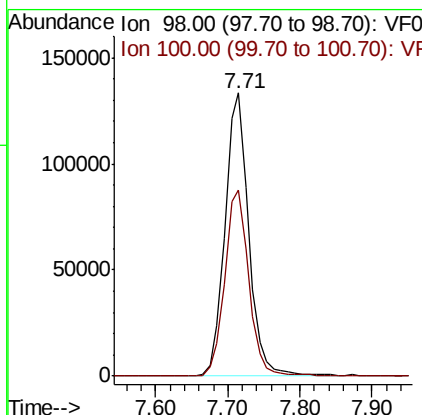
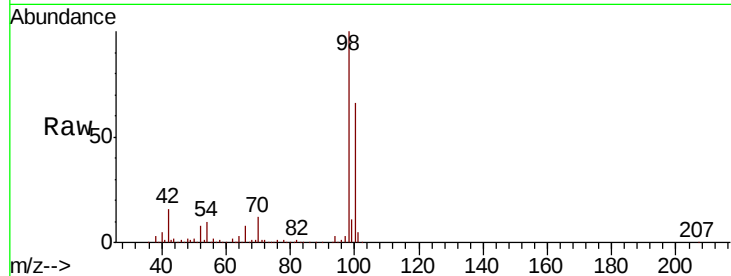




#50
Toluene-d8
Concen: 49.82 ug/l
RT: 7.71 min Scan# 729
Delta R.T. -0.01 min
Lab File: VF060073.D
Acq: 24 Aug 2018 2:21

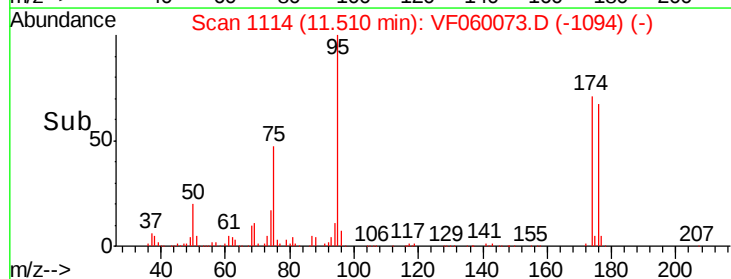
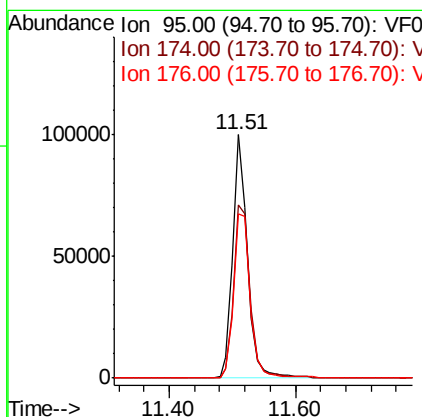
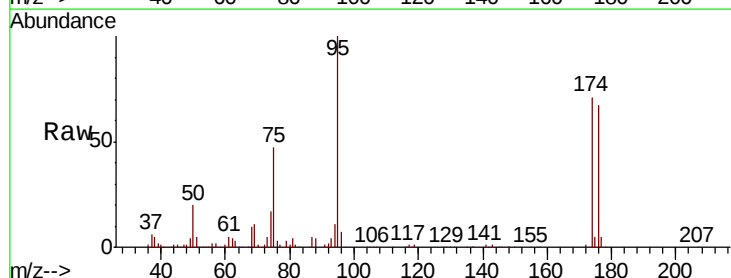
Instrument :
MSVOA_F
ClientSampleId :
VF0823SBL02

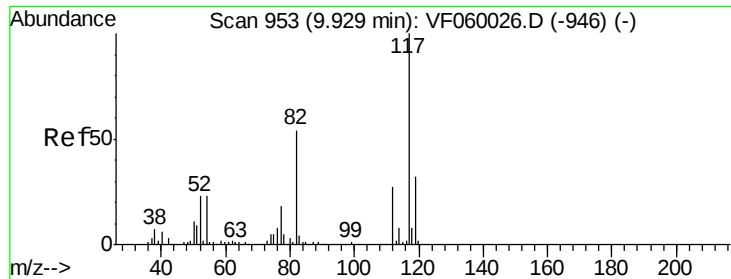
Tot Ion: 98 Resp: 304666
Ion Ratio Lower Upper
98 100
100 65.9 53.2 79.8



#62
4-Bromofluorobenzene
Concen: 49.35 ug/l
RT: 11.51 min Scan# 1114
Delta R.T. -0.01 min
Lab File: VF060073.D
Acq: 24 Aug 2018 2:21

Tgt Ion: 95 Resp: 159636
Ion Ratio Lower Upper
95 100
174 71.1 0.0 158.4
176 67.2 0.0 153.0

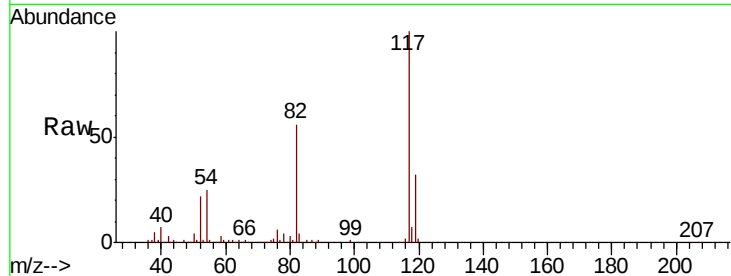




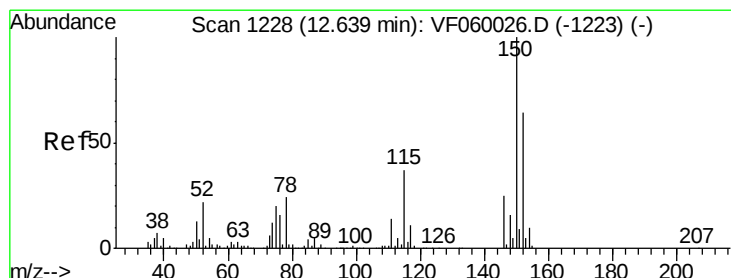
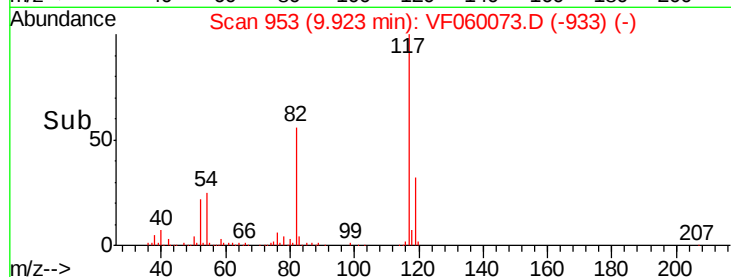
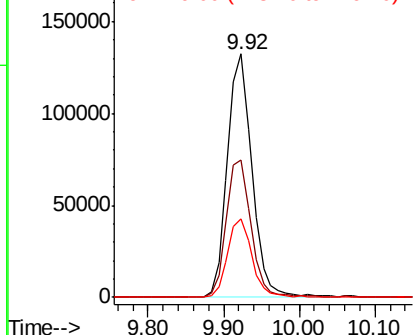
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.92 min Scan# 953
Delta R.T. -0.01 min
Lab File: VF060073.D
Acq: 24 Aug 2018 2:21

Instrument :
MSVOA_F
ClientSampleId :
VF0823SBL02

Tot Ion	Ratio	Lower	Upper
117	100		
82	56.4	43.6	65.4
119	32.3	25.6	38.4

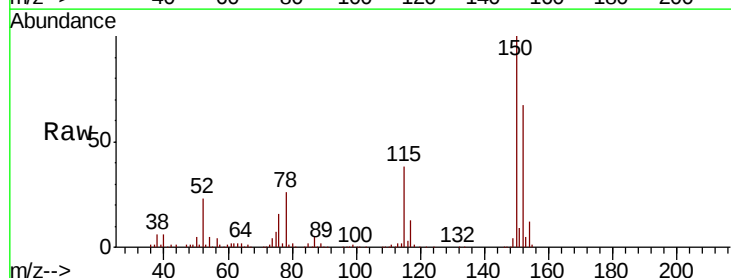


Abundance Ion 117.00 (116.70 to 117.70): V
Ion 82.00 (81.70 to 82.70): VF0
Ion 119.00 (118.70 to 119.70): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.63 min Scan# 1228
Delta R.T. -0.01 min
Lab File: VF060073.D
Acq: 24 Aug 2018 2:21

Tgt Ion	Ratio	Lower	Upper
152	100		
115	57.3	28.6	85.9
150	149.7	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

