

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF121018\
 Data File : VF060967.D
 Acq On : 10 Dec 2018 21:42
 Operator : VA/AP
 Sample : J6214-47
 Misc : 3.89g/5mL/MSVOA-F/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 SB-6(13-15)

Quant Time: Dec 11 06:40:14 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

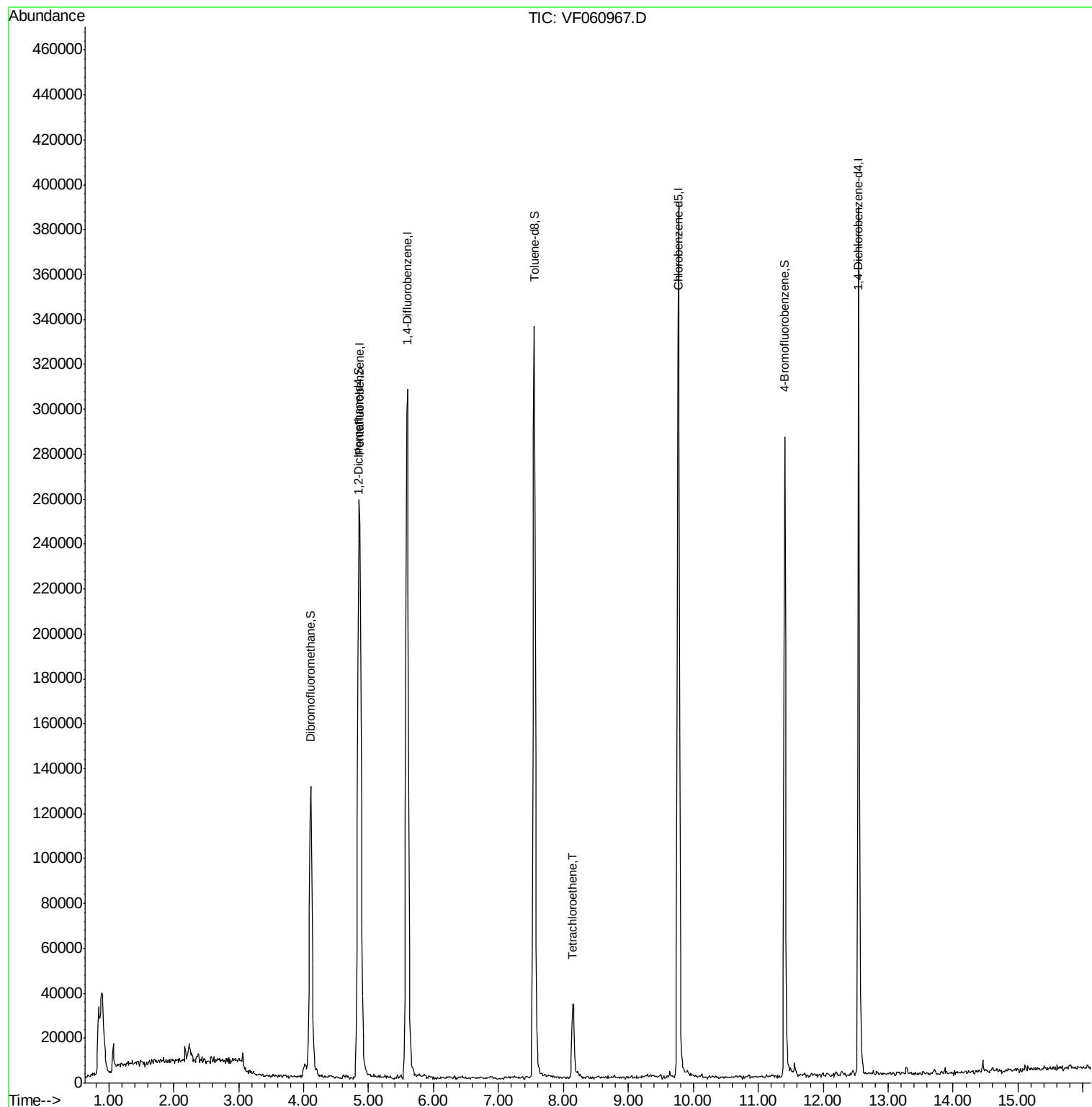
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.87	168	201929	50.00	ug/l	-0.04
34) 1,4-Difluorobenzene	5.60	114	350661	50.00	ug/l	-0.04
63) Chlorobenzene-d5	9.77	117	281162	50.00	ug/l	-0.04
72) 1,4-Dichlorobenzene-d4	12.55	152	100316	50.00	ug/l	-0.02
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.84	65	107368	45.14	ug/l	-0.04
Spiked Amount 50.000			Recovery	=	90.28%	
35) Dibromofluoromethane	4.11	113	125907	45.26	ug/l	-0.04
Spiked Amount 50.000			Recovery	=	90.52%	
50) Toluene-d8	7.55	98	282343	34.45	ug/l	-0.04
Spiked Amount 50.000			Recovery	=	68.90%	
62) 4-Bromofluorobenzene	11.41	95	106144	28.50	ug/l	-0.03
Spiked Amount 50.000			Recovery	=	57.00%	
Target Compounds						
64) Tetrachloroethene	8.15	164	9792	4.560	ug/l #	Qvalue 83

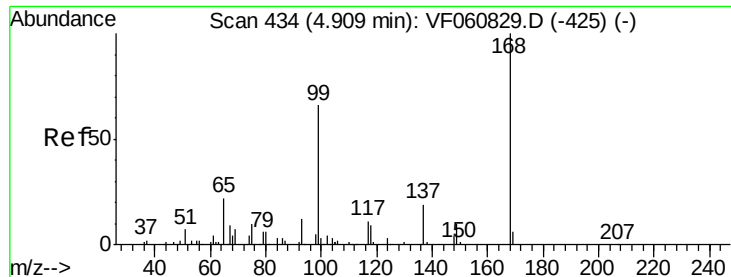
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.87 min Scan# 430

Delta R.T. -0.04 min

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ClientSampleId :

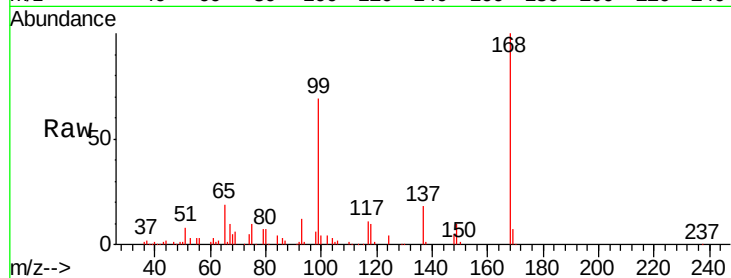
SB-6(13-15)

Tgt Ion:168 Resp: 201929

Ion Ratio Lower Upper

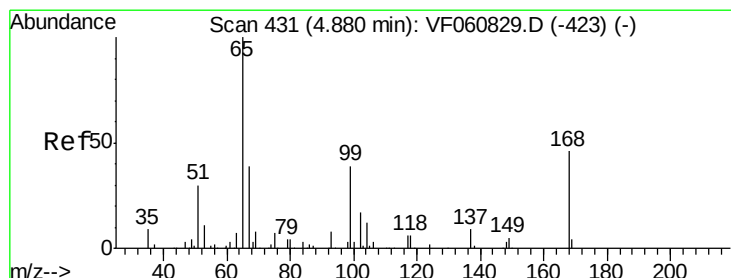
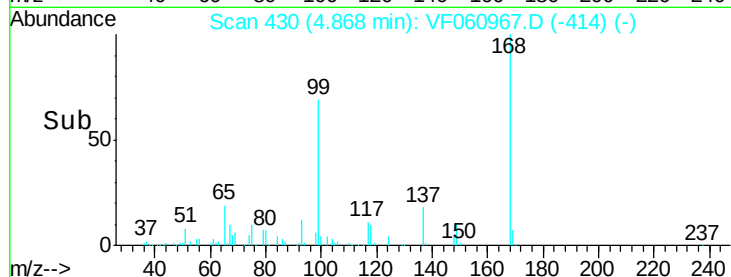
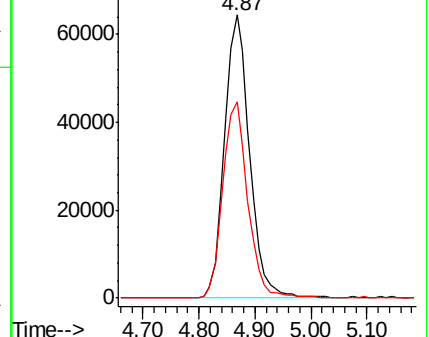
168 100

99 69.3 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: 45.136 ug/l

RT: 4.84 min Scan# 427

Delta R.T. -0.04 min

Lab File: VF060967.D

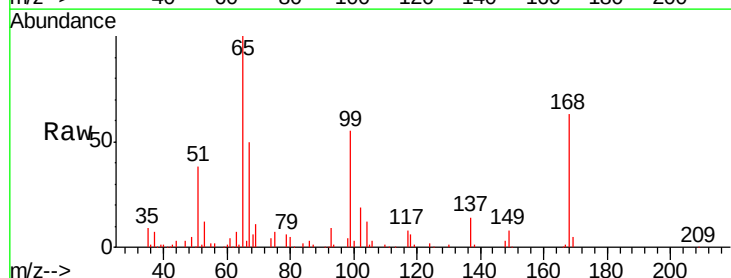
Acq: 10 Dec 2018 21:42

Tgt Ion: 65 Resp: 107368

Ion Ratio Lower Upper

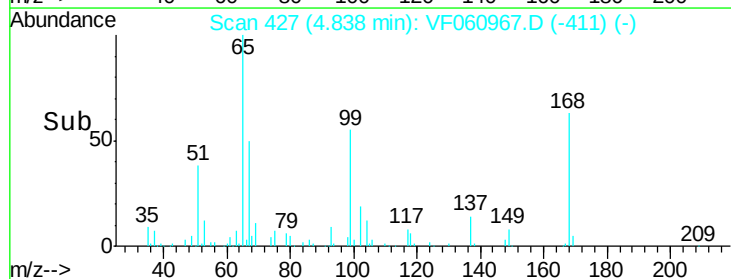
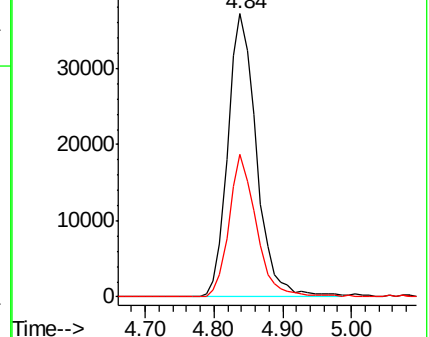
65 100

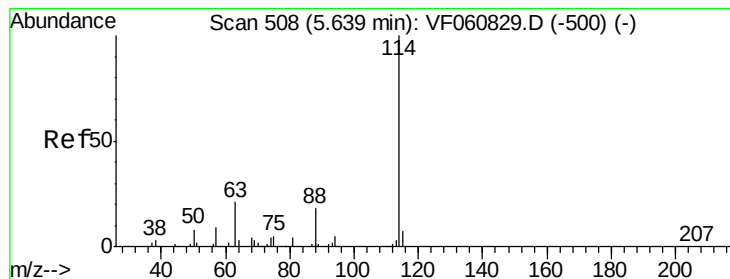
67 50.2 0.0 96.4



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: 5.60 min Scan# 504

Delta R.T. -0.04 min

Lab File: VF060967.D

Acq: 10 Dec 2018 21:42

Instrument :

MSVOA_F

ClientSampleId :

SB-6(13-15)

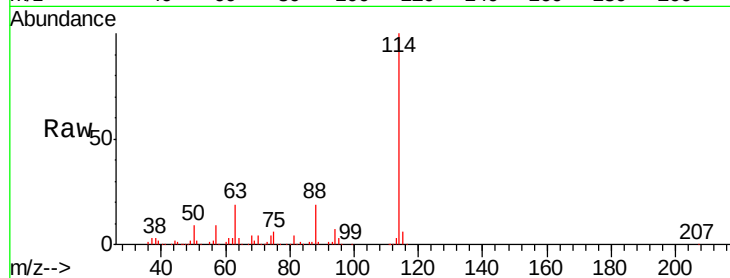
Tgt Ion:114 Resp: 350661

Ion Ratio Lower Upper

114 100

63 18.8 0.0 41.6

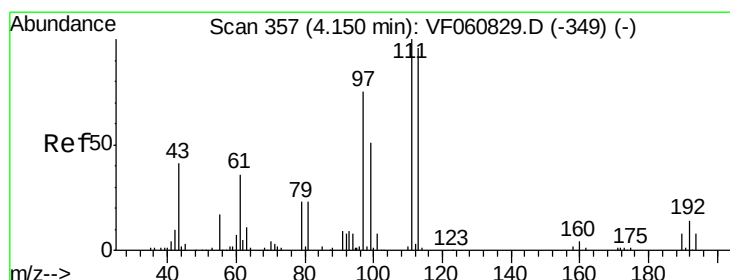
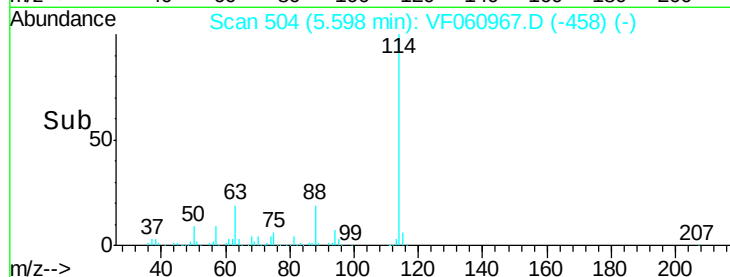
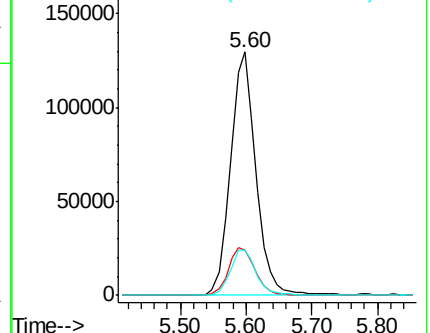
88 18.8 0.0 36.6



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: 45.260 ug/l

RT: 4.11 min Scan# 353

Delta R.T. -0.04 min

Lab File: VF060967.D

Acq: 10 Dec 2018 21:42

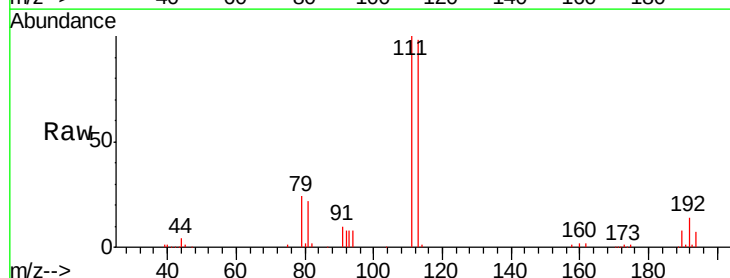
Tgt Ion:113 Resp: 125907

Ion Ratio Lower Upper

113 100

111 102.2 83.0 124.6

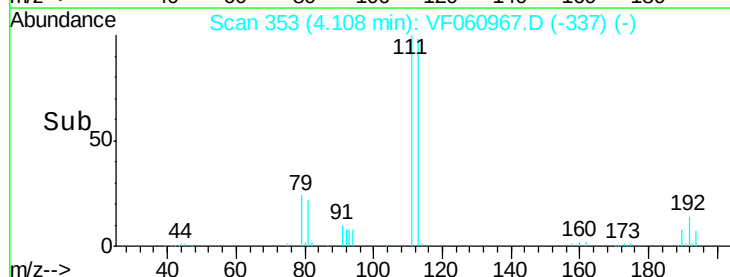
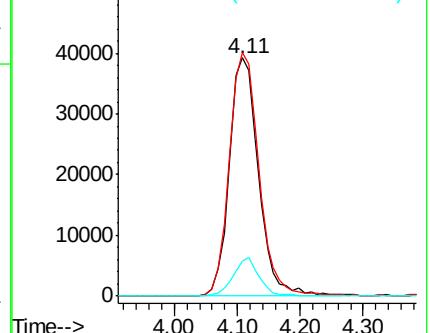
192 14.6 12.3 18.5

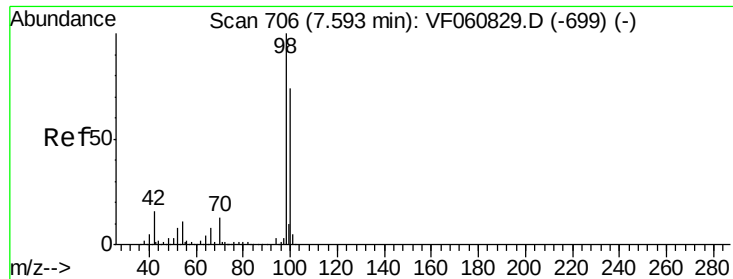


Abundance Ion 113.00 (112.70 to 113.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 192.00 (191.70 to 192.70): V

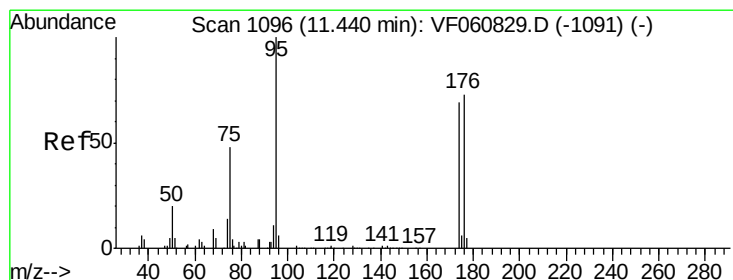
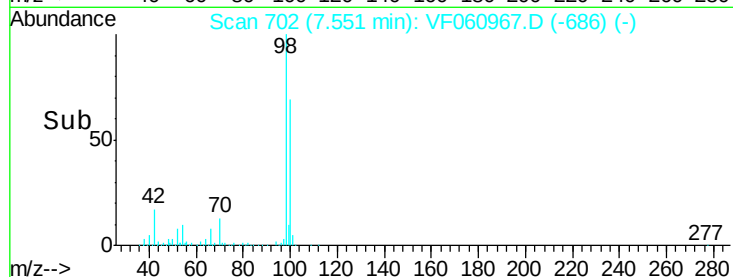
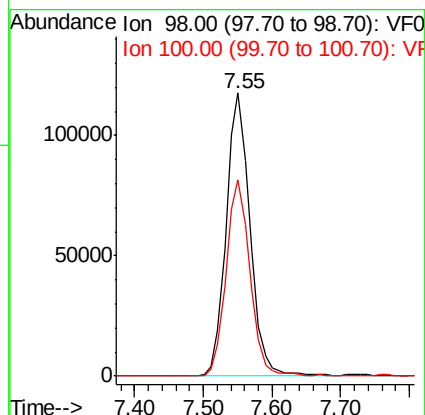
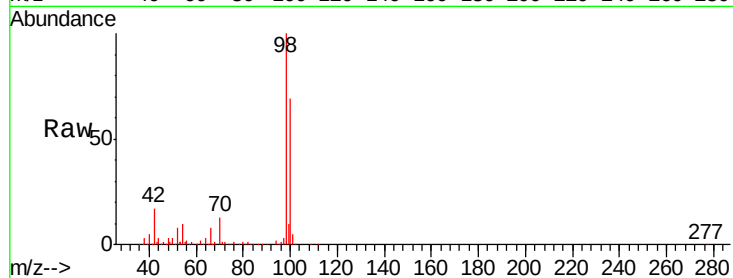




#50
Toluene-d8
Concen: 34.455 ug/l
RT: 7.55 min Scan# 702
Delta R.T. -0.04 min
Lab File: VF060967.D
Acq: 10 Dec 2018 21:42

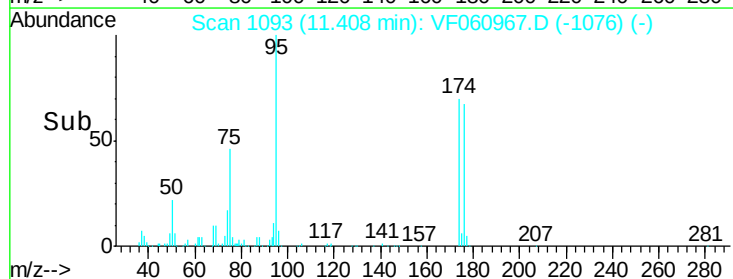
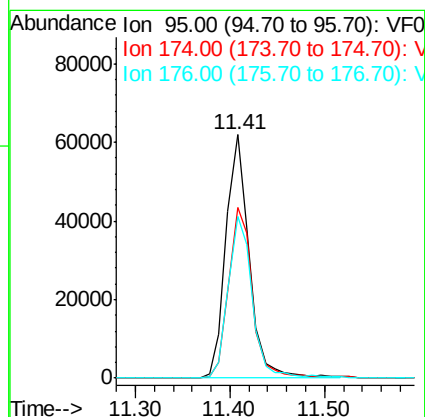
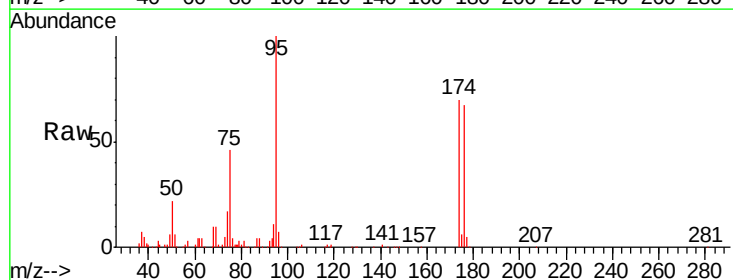
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SB-6(13-15)

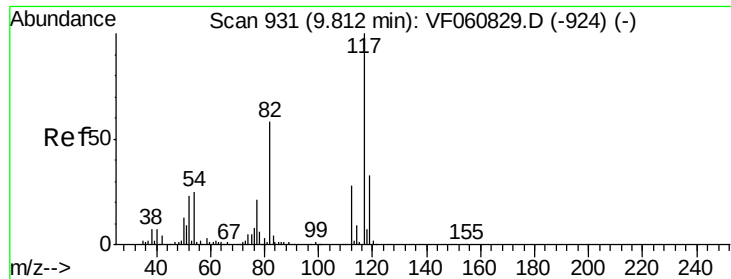
Tgt Ion: 98 Resp: 282343
Ion Ratio Lower Upper
98 100
100 69.4 59.3 88.9



#62
4-Bromofluorobenzene
Concen: 28.500 ug/l
RT: 11.41 min Scan# 1093
Delta R.T. -0.03 min
Lab File: VF060967.D
Acq: 10 Dec 2018 21:42

Tgt Ion: 95 Resp: 106144
Ion Ratio Lower Upper
95 100
174 70.2 0.0 138.2
176 66.6 0.0 146.2

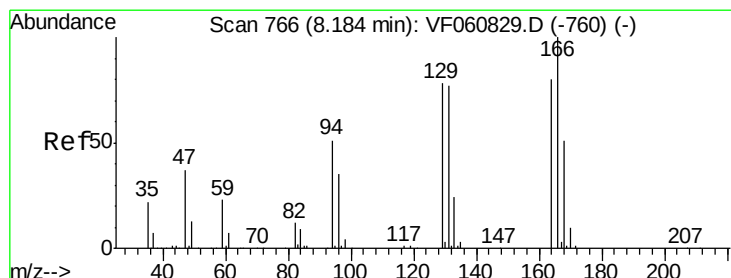
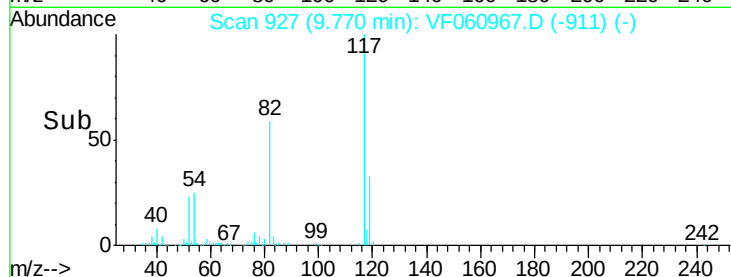
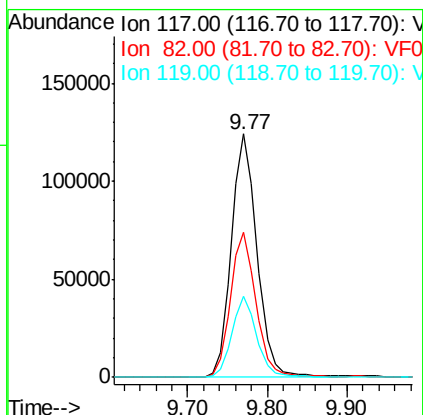
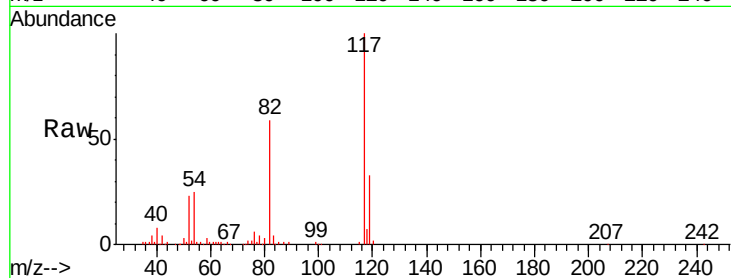




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.77 min Scan# 927
Delta R.T. -0.04 min
Lab File: VF060967.D
Acq: 10 Dec 2018 21:42

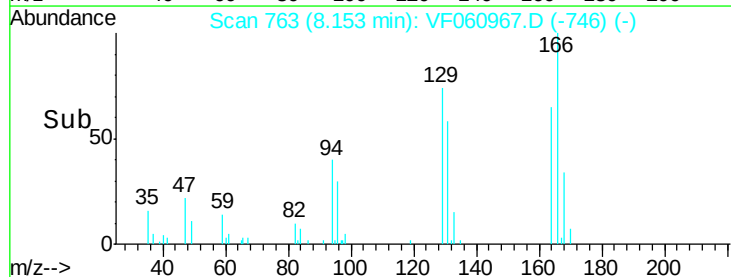
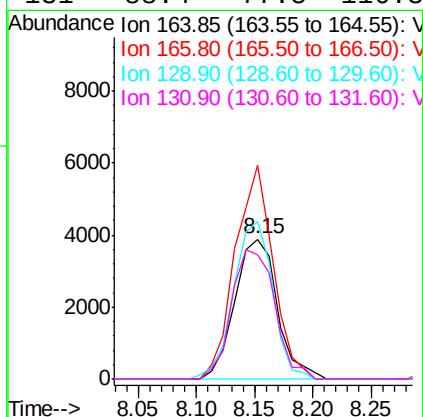
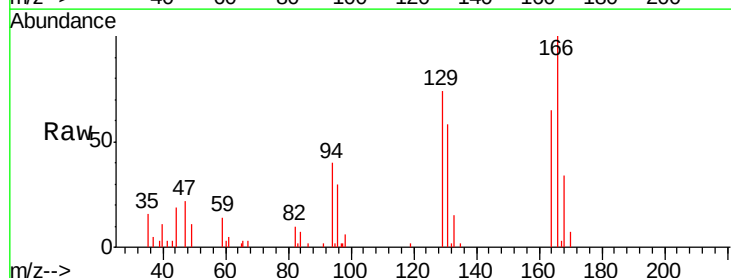
Instrument :
MSVOA_F
ClientSampleId :
SB-6(13-15)

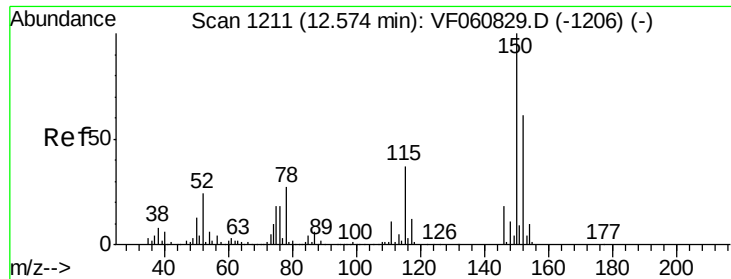
Tgt Ion:117 Resp: 281162
Ion Ratio Lower Upper
117 100
82 59.3 46.6 69.8
119 33.1 26.4 39.6



#64
Tetrachloroethene
Concen: 4.560 ug/l
RT: 8.15 min Scan# 763
Delta R.T. -0.03 min
Lab File: VF060967.D
Acq: 10 Dec 2018 21:42

Tgt Ion:164 Resp: 9792
Ion Ratio Lower Upper
164 100
166 152.7 100.3 150.5#
129 112.8 77.9 116.9
131 88.4 77.5 116.3





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.55 min Scan# 1209

Delta R.T. -0.02 min

Lab File: VF060967.D

Acq: 10 Dec 2018 21:42

Instrument :

MSVOA_F

ClientSampleId :

SB-6(13-15)

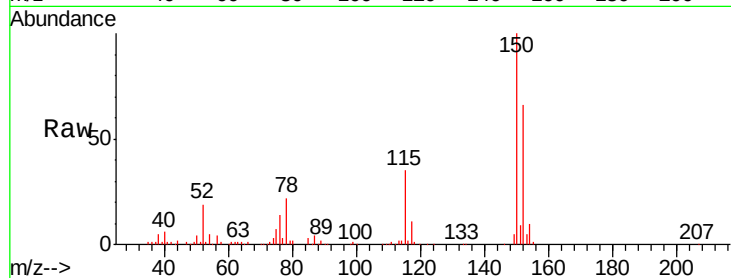
Tgt Ion:152 Resp: 100316

Ion Ratio Lower Upper

152 100

115 53.5 30.1 90.5

150 150.8 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

