

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF121018\
 Data File : VF060966.D
 Acq On : 10 Dec 2018 21:13
 Operator : VA/AP
 Sample : J6214-45
 Misc : 4.18g/5mL/MSVOA-F/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 SB-6(0-2)

Quant Time: Dec 11 06:35:38 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	4.86	168	232750	50.00	ug/l	-0.05
34) 1,4-Difluorobenzene	5.59	114	411854	50.00	ug/l	-0.05
63) Chlorobenzene-d5	9.77	117	312709	50.00	ug/l	-0.04
72) 1,4-Dichlorobenzene-d4	12.54	152	133314	50.00	ug/l	-0.03
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.84	65	129696	47.30	ug/l	-0.04
Spiked Amount 50.000			Recovery	=	94.60%	
35) Dibromofluoromethane	4.10	113	137960	42.22	ug/l	-0.05
Spiked Amount 50.000			Recovery	=	84.44%	
50) Toluene-d8	7.54	98	312917	32.51	ug/l	-0.05
Spiked Amount 50.000			Recovery	=	65.02%	
62) 4-Bromofluorobenzene	11.41	95	135117	30.89	ug/l	-0.03
Spiked Amount 50.000			Recovery	=	61.78%	

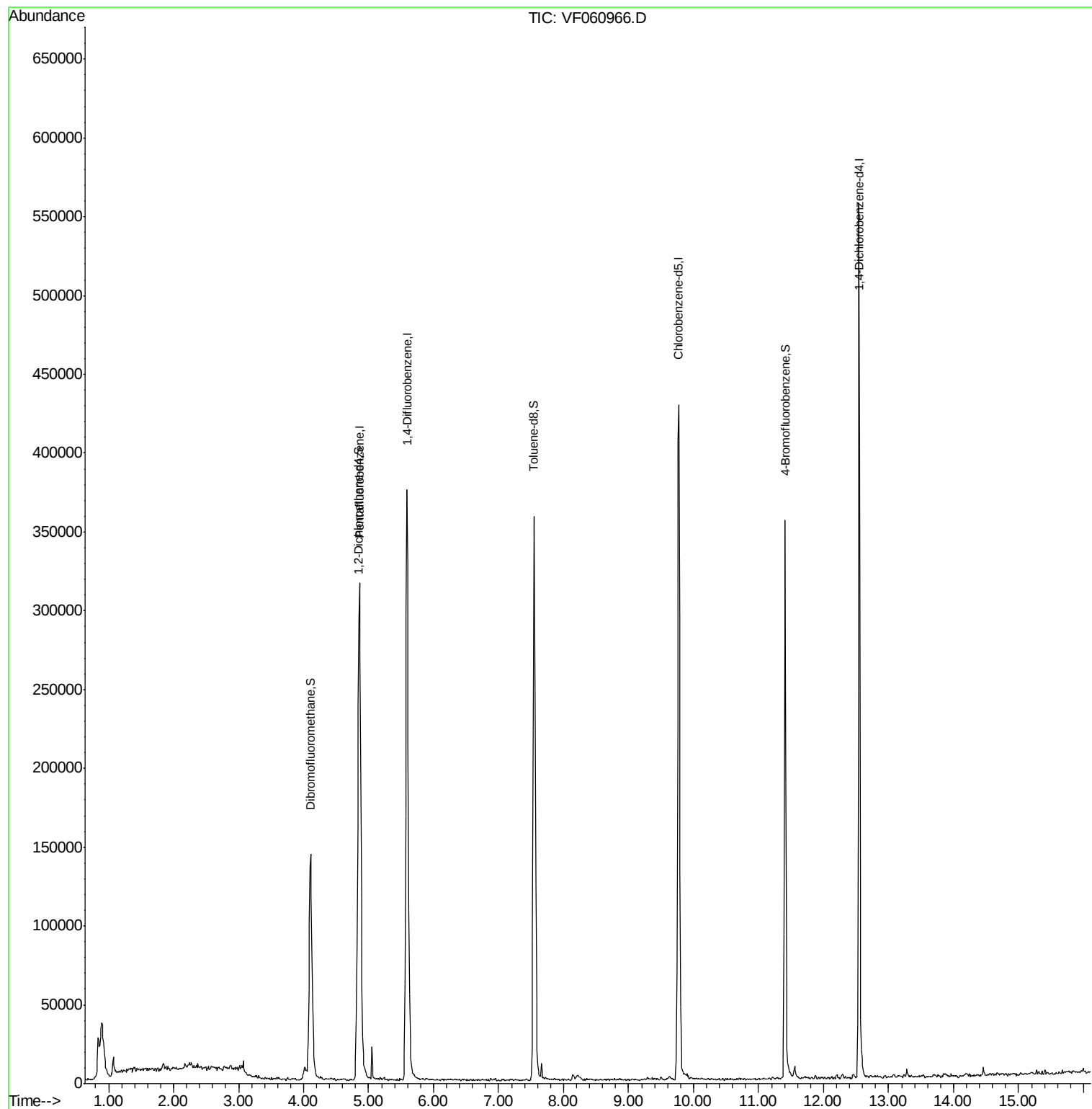
Target Compounds	Qvalue
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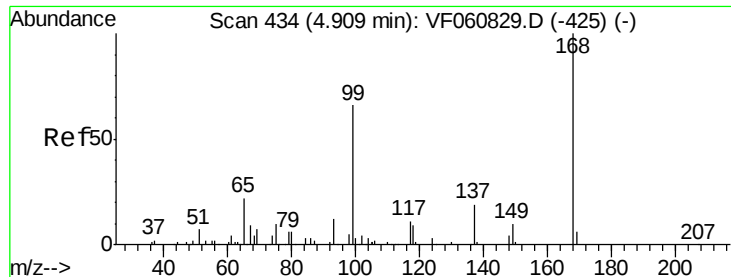
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.86 min Scan# 429

Delta R.T. -0.05 min

Lab File: VF060966.D

Acq: 10 Dec 2018 21:13

Instrument :

MSVOA_F

ClientSampleId :

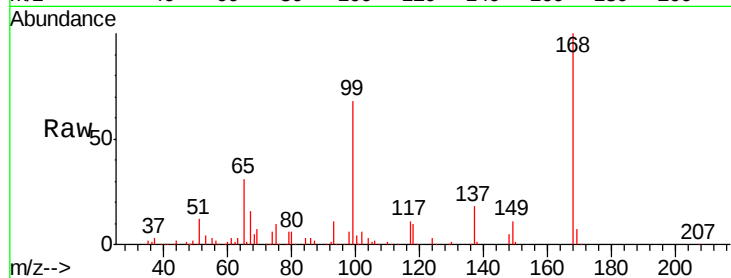
SB-6(0-2)

Tgt Ion: 168 Resp: 232750

Ion Ratio Lower Upper

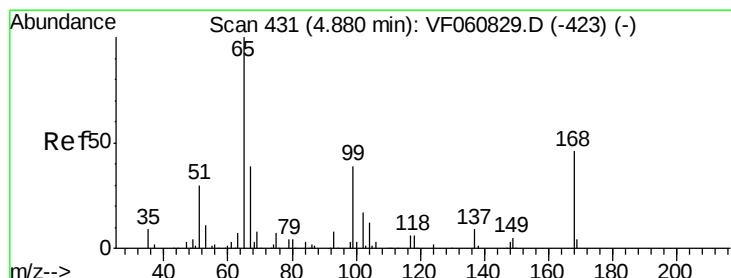
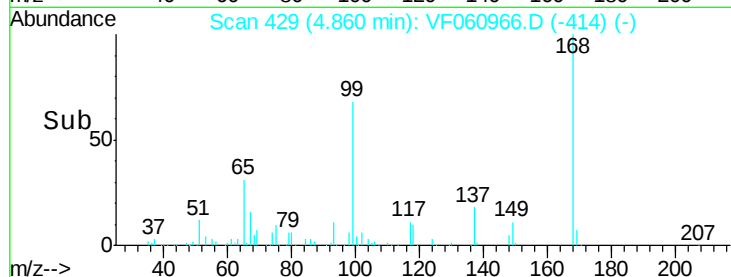
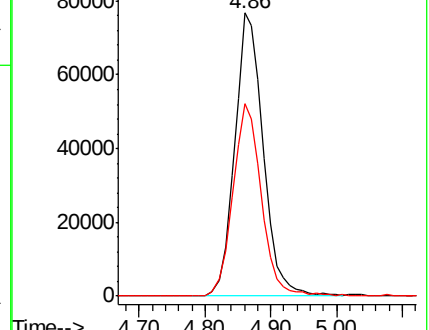
168 100

99 68.0 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: 47.302 ug/l

RT: 4.84 min Scan# 427

Delta R.T. -0.04 min

Lab File: VF060966.D

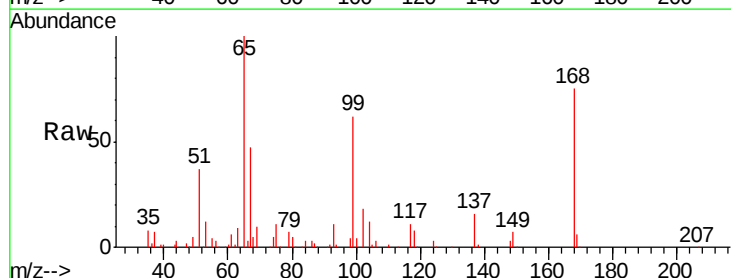
Acq: 10 Dec 2018 21:13

Tgt Ion: 65 Resp: 129696

Ion Ratio Lower Upper

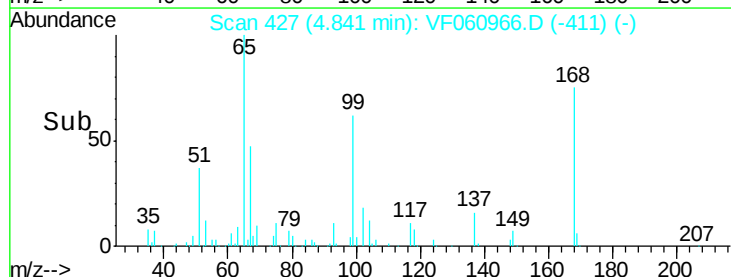
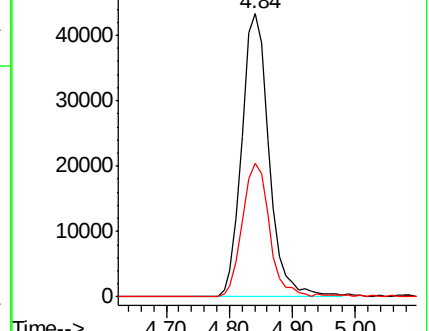
65 100

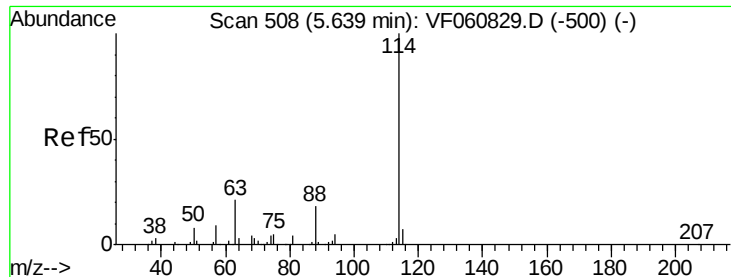
67 47.2 0.0 96.4



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: 5.59 min Scan# 503

Delta R.T. -0.05 min

Lab File: VF060966.D

Acq: 10 Dec 2018 21:13

Instrument :

MSVOA_F

ClientSampleId :

SB-6(0-2)

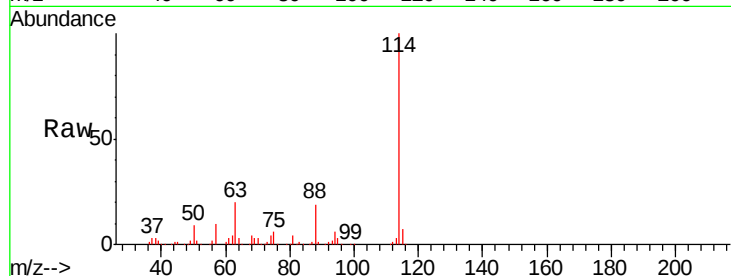
Tgt Ion:114 Resp: 411854

Ion Ratio Lower Upper

114 100

63 20.2 0.0 41.6

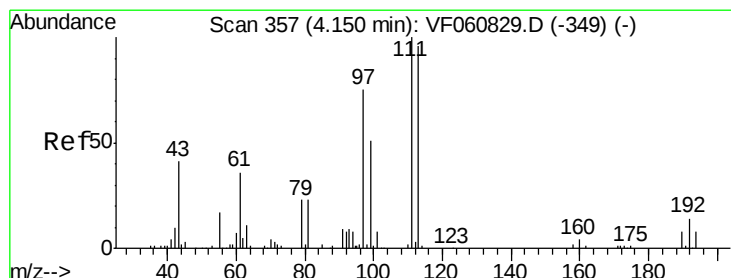
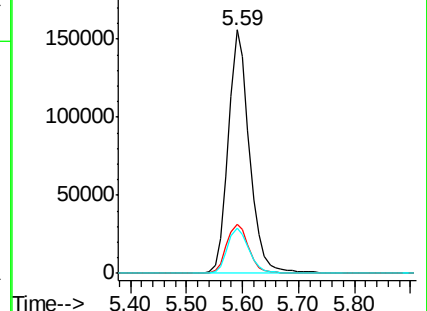
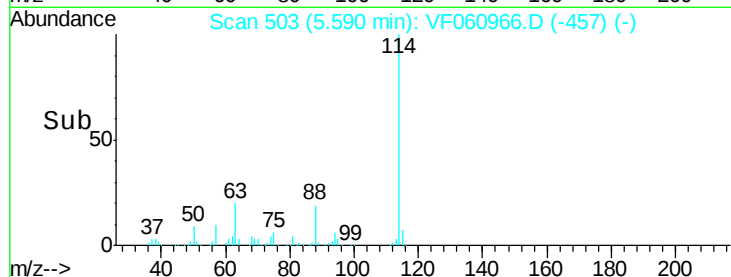
88 18.7 0.0 36.6



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: 42.224 ug/l

RT: 4.10 min Scan# 352

Delta R.T. -0.05 min

Lab File: VF060966.D

Acq: 10 Dec 2018 21:13

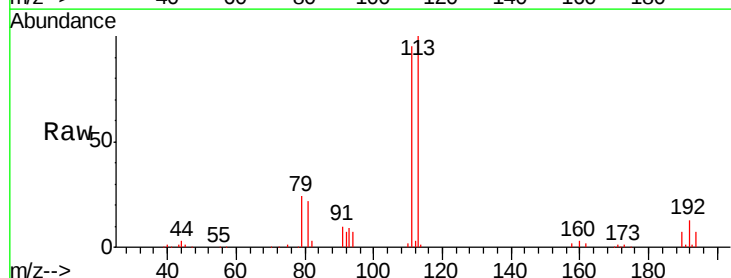
Tgt Ion:113 Resp: 137960

Ion Ratio Lower Upper

113 100

111 95.4 83.0 124.6

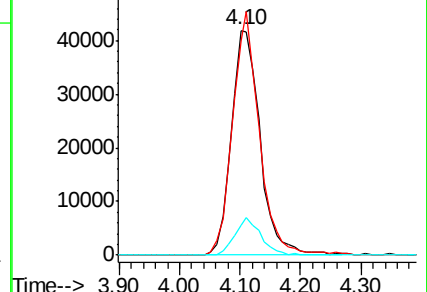
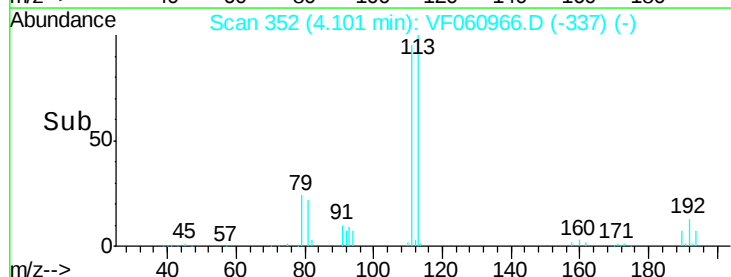
192 13.6 12.3 18.5

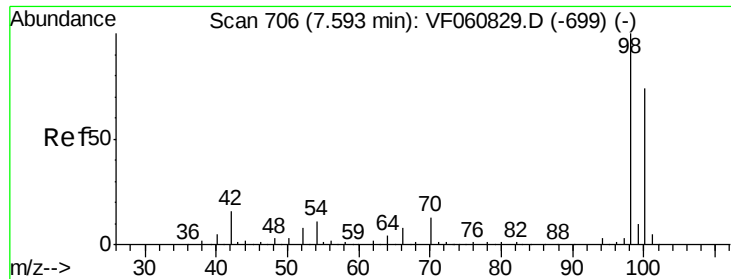


Abundance Ion 113.00 (112.70 to 113.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 192.00 (191.70 to 192.70): V

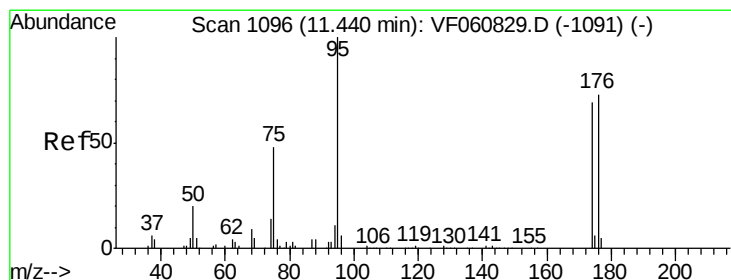
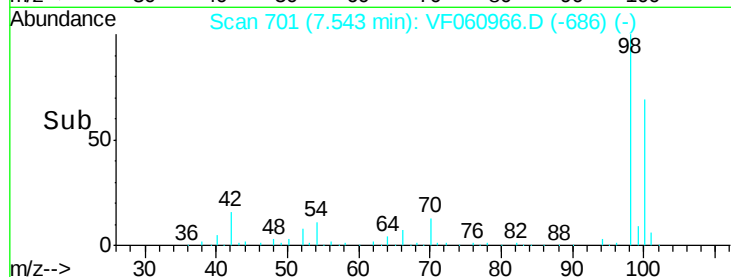
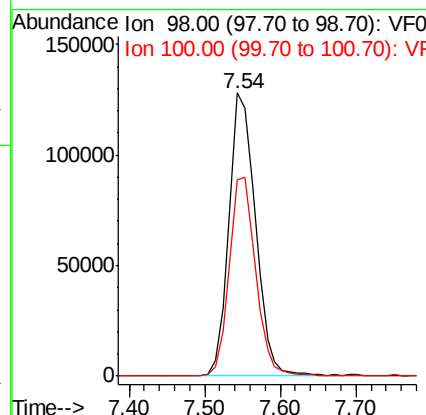
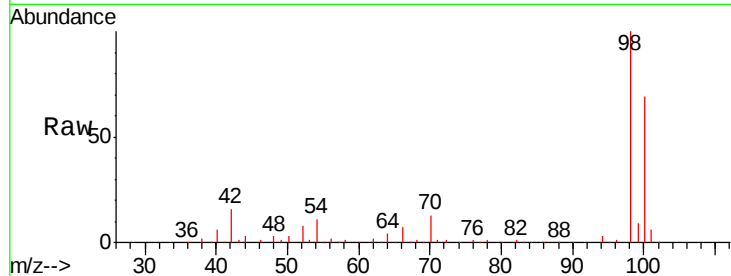




#50
Toluene-d8
Concen: 32.512 ug/l
RT: 7.54 min Scan# 701
Delta R.T. -0.05 min
Lab File: VF060966.D
Acq: 10 Dec 2018 21:13

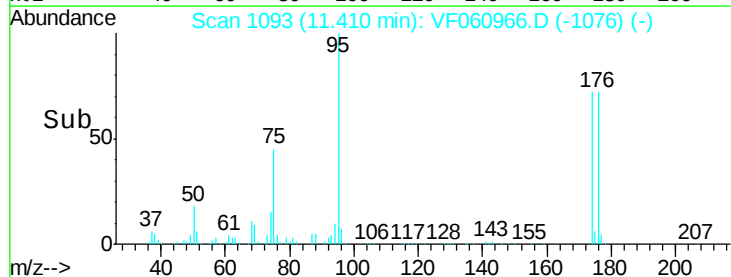
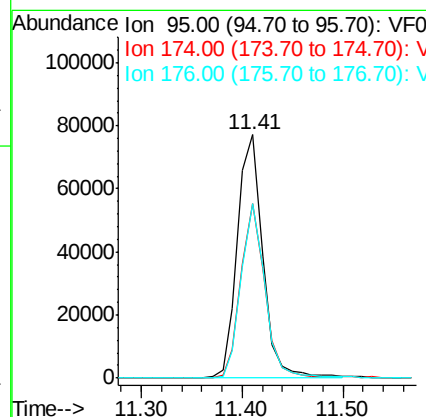
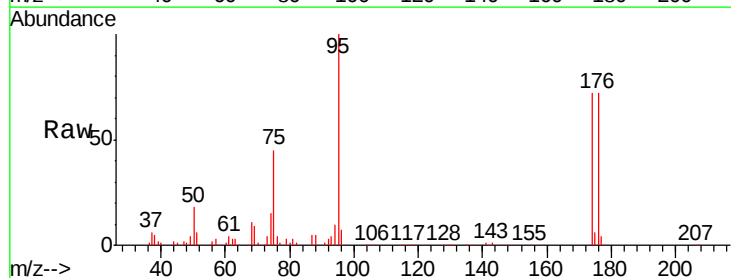
Instrument :
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ClientSampleId :
SB-6(0-2)

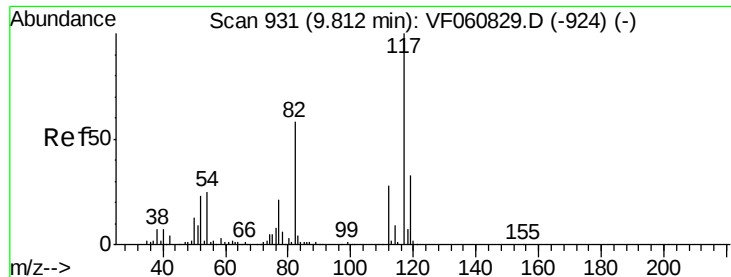
Tgt Ion: 98 Resp: 312917
Ion Ratio Lower Upper
98 100
100 69.5 59.3 88.9



#62
4-Bromofluorobenzene
Concen: 30.889 ug/l
RT: 11.41 min Scan# 1093
Delta R.T. -0.03 min
Lab File: VF060966.D
Acq: 10 Dec 2018 21:13

Tgt Ion: 95 Resp: 135117
Ion Ratio Lower Upper
95 100
174 71.9 0.0 138.2
176 71.9 0.0 146.2

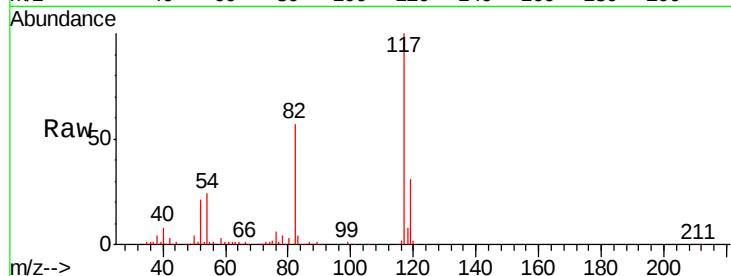




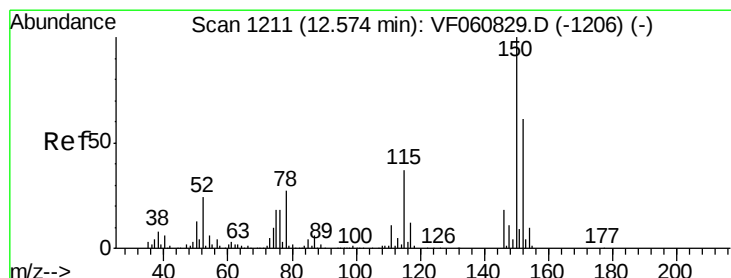
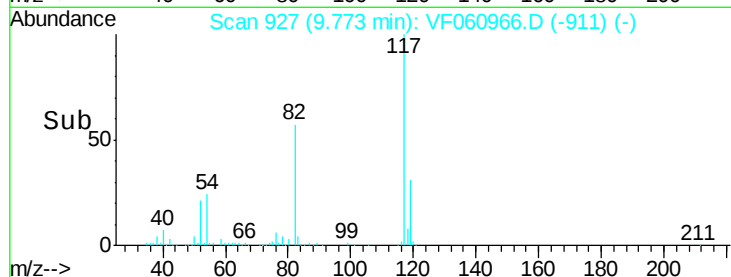
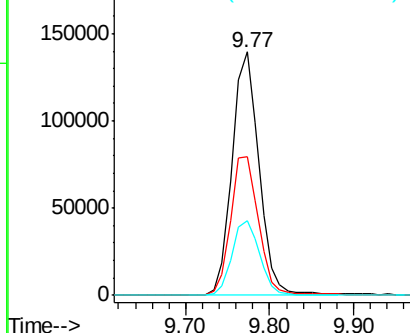
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.77 min Scan# 927
Delta R.T. -0.04 min
Lab File: VF060966.D
Acq: 10 Dec 2018 21:13

Instrument :
MSVOA_F
ClientSampleId :
SB-6(0-2)

Tgt Ion	Ratio	Lower	Upper
117	100		
82	56.9	46.6	69.8
119	30.7	26.4	39.6

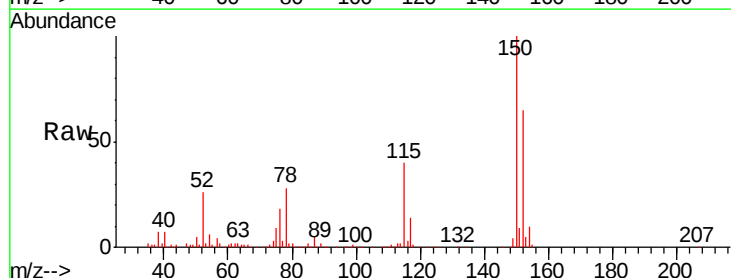


Abundance Ion 117.00 (116.70 to 117.70): V
Ion 82.00 (81.70 to 82.70): VF0
Ion 119.00 (118.70 to 119.70): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.54 min Scan# 1208
Delta R.T. -0.03 min
Lab File: VF060966.D
Acq: 10 Dec 2018 21:13

Tgt Ion	Ratio	Lower	Upper
152	100		
115	61.9	30.1	90.5
150	155.0	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

