

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF121018\
 Data File : VF060968.D
 Acq On : 10 Dec 2018 22:11
 Operator : VA/AP
 Sample : J6214-49
 Misc : 5.14g/5mL/MSVOA-F/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 SB-7(0-2)

Quant Time: Dec 11 06:43:25 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

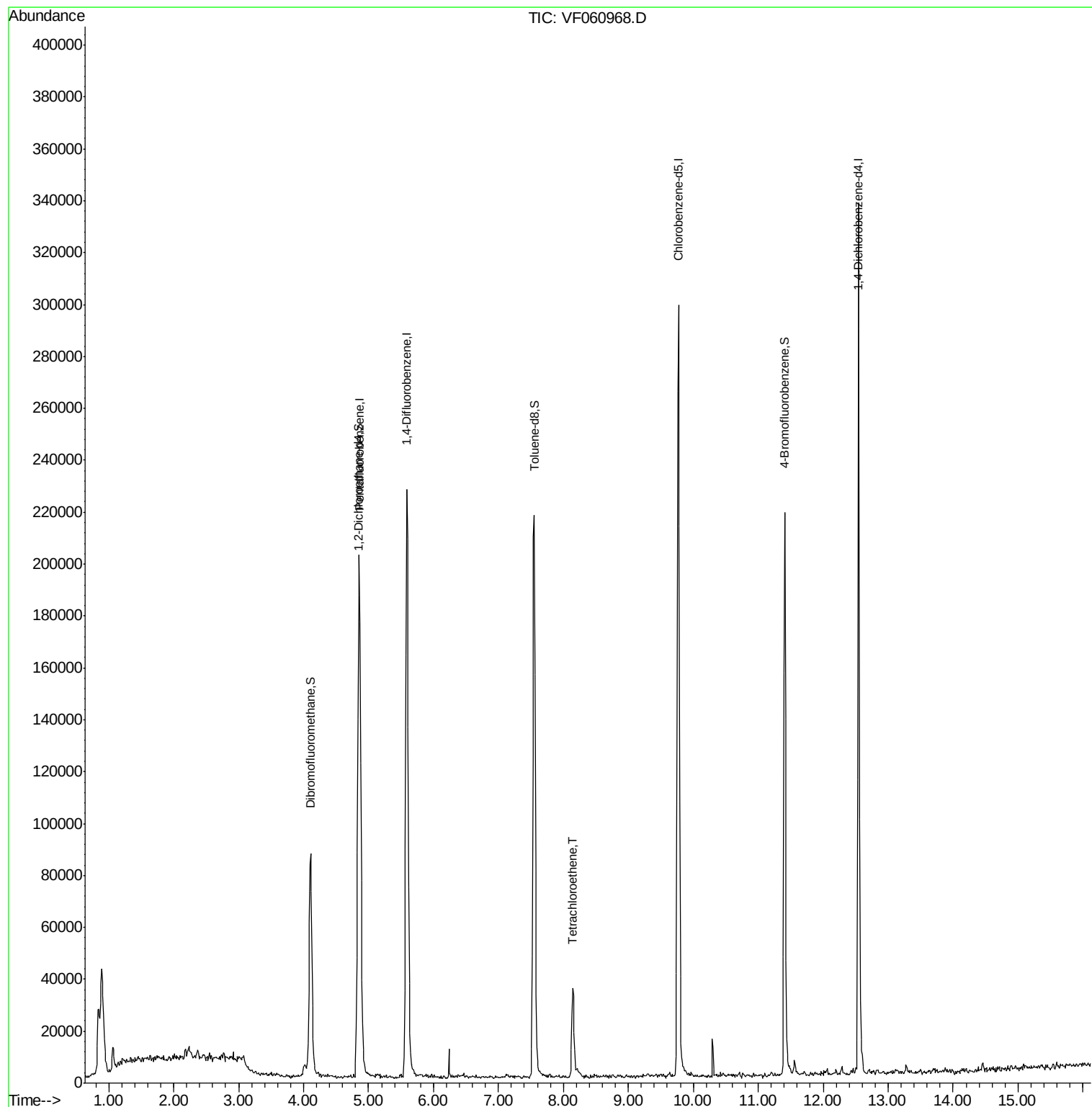
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.86	168	148621	50.00	ug/l	-0.05
34) 1,4-Difluorobenzene	5.59	114	244322	50.00	ug/l	-0.05
63) Chlorobenzene-d5	9.77	117	217106	50.00	ug/l	-0.04
72) 1,4-Dichlorobenzene-d4	12.55	152	83971	50.00	ug/l	-0.02
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.84	65	69834	39.89	ug/l	-0.04
Spiked Amount 50.000			Recovery	=	79.78%	
35) Dibromofluoromethane	4.11	113	82448	42.54	ug/l	-0.04
Spiked Amount 50.000			Recovery	=	85.08%	
50) Toluene-d8	7.55	98	187125	32.77	ug/l	-0.04
Spiked Amount 50.000			Recovery	=	65.54%	
62) 4-Bromofluorobenzene	11.41	95	83629	32.23	ug/l	-0.03
Spiked Amount 50.000			Recovery	=	64.46%	
Target Compounds						
64) Tetrachloroethene	8.14	164	10032	6.050	ug/l	Qvalue 92

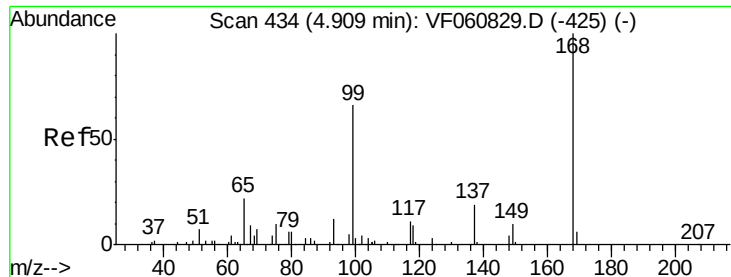
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_F\DATA\VF121018\
Data File : VF060968.D
Acq On : 10 Dec 2018 22:11
Operator : VA/AP
Sample : J6214-49
Misc : 5.14g/5mL/MSVOA-F/SOIL
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :
SB-7(0-2)

Quant Time: Dec 11 06:43:25 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: 4.86 min Scan# 429

Delta R.T. -0.05 min

Lab File: VF060968.D

Acq: 10 Dec 2018 22:11

Instrument :

MSVOA_F

ClientSampleId :

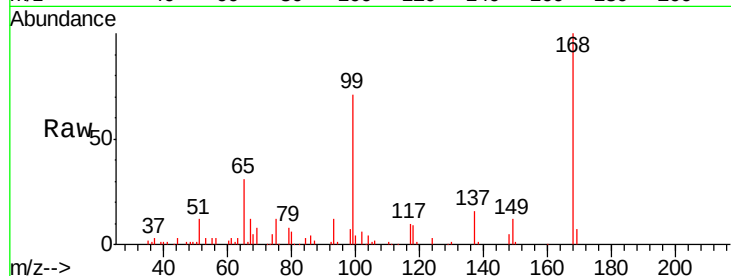
SB-7(0-2)

Tgt Ion:168 Resp: 148621

Ion Ratio Lower Upper

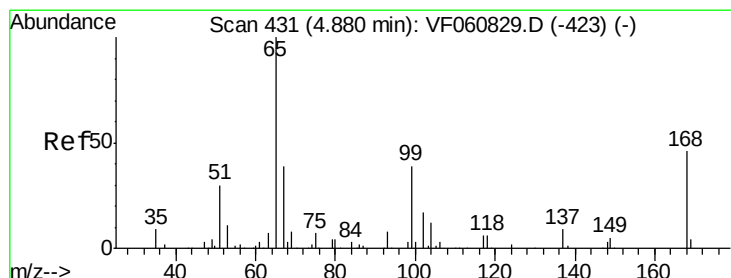
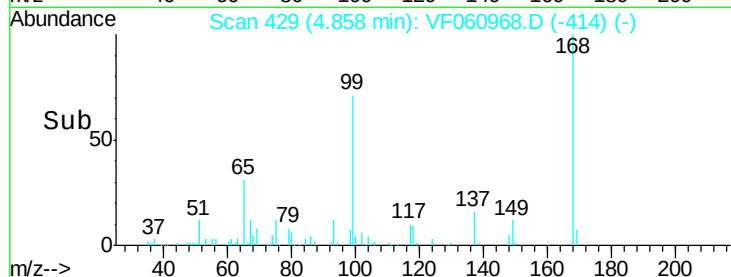
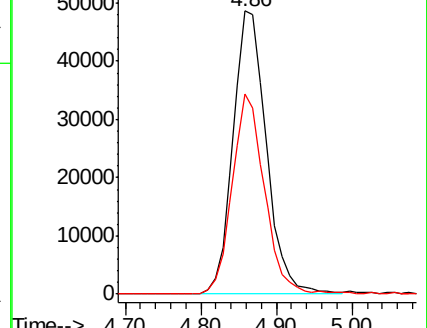
168 100

99 70.6 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: 39.887 ug/l

RT: 4.84 min Scan# 427

Delta R.T. -0.04 min

Lab File: VF060968.D

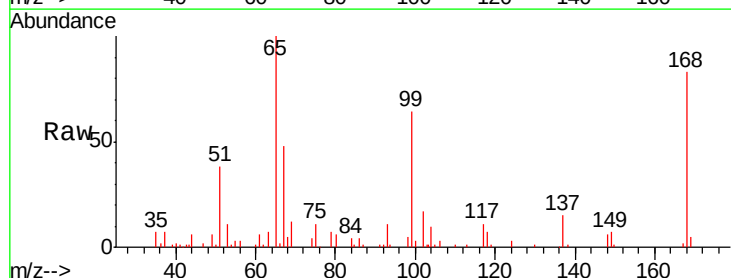
Acq: 10 Dec 2018 22:11

Tgt Ion: 65 Resp: 69834

Ion Ratio Lower Upper

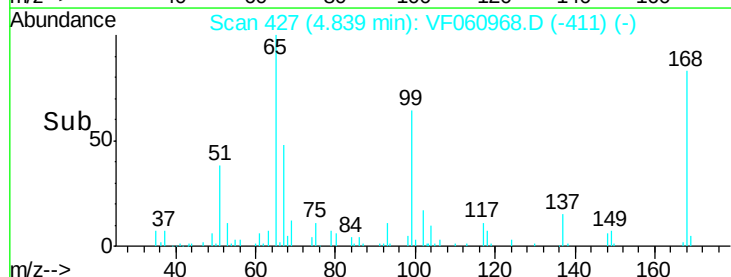
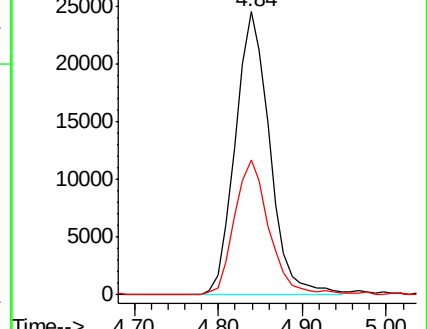
65 100

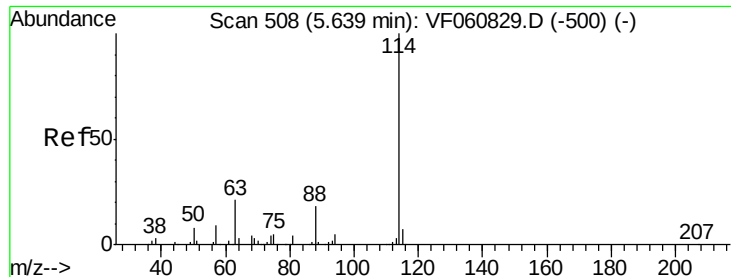
67 47.6 0.0 96.4



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: VF060968.D

Acq: 10 Dec 2018 22:11

Instrument :

MSVOA_F

ClientSampleId :

SB-7(0-2)

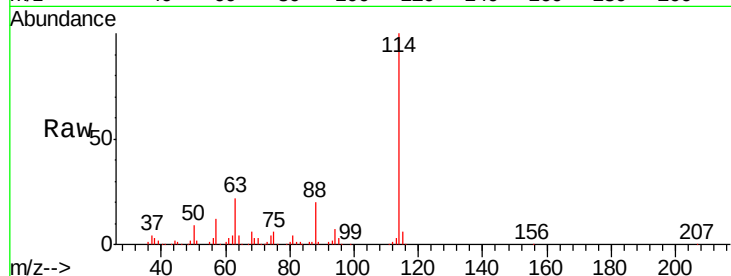
Tgt Ion:114 Resp: 244322

Ion Ratio Lower Upper

114 100

63 22.3 0.0 41.6

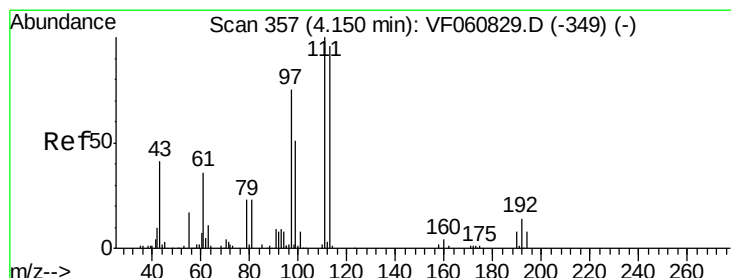
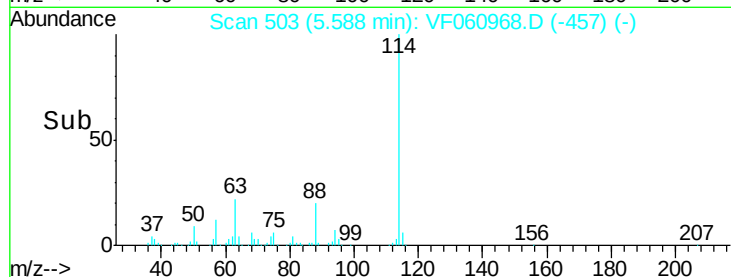
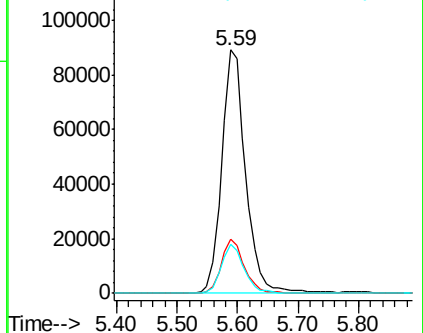
88 20.1 0.0 36.6



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: 42.537 ug/l

RT: 4.11 min Scan# 353

Delta R.T. -0.04 min

Lab File: VF060968.D

Acq: 10 Dec 2018 22:11

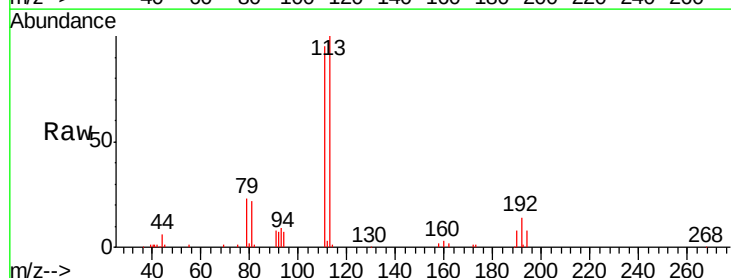
Tgt Ion:113 Resp: 82448

Ion Ratio Lower Upper

113 100

111 94.7 83.0 124.6

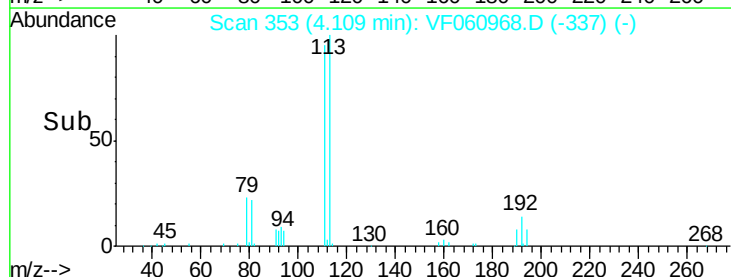
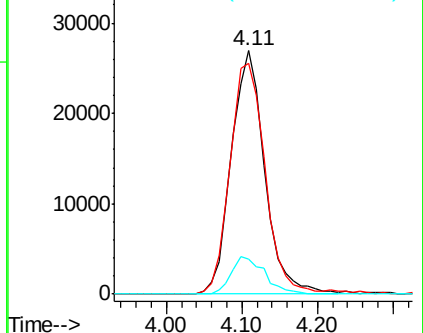
192 14.8 12.3 18.5

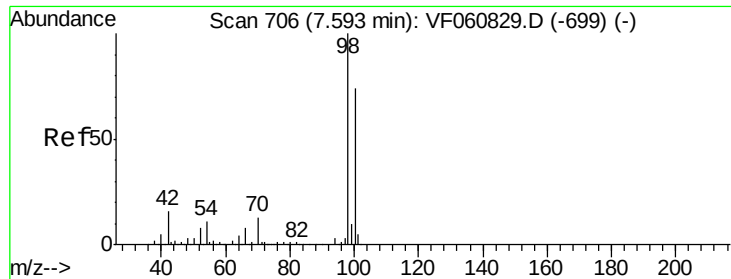


Abundance Ion 113.00 (112.70 to 113.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 192.00 (191.70 to 192.70): V

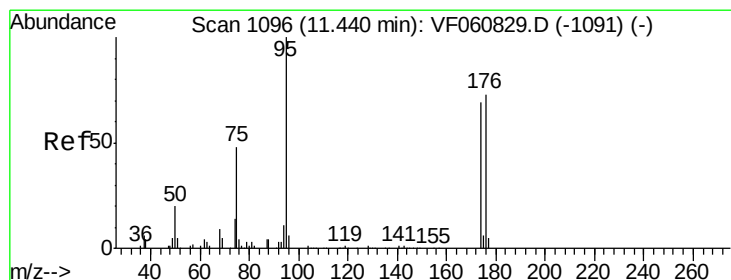
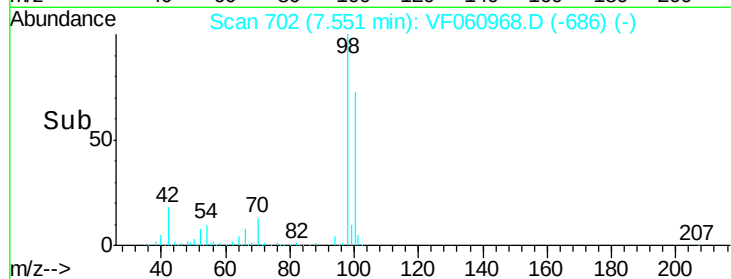
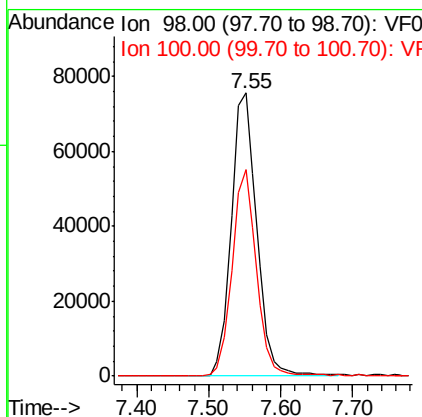
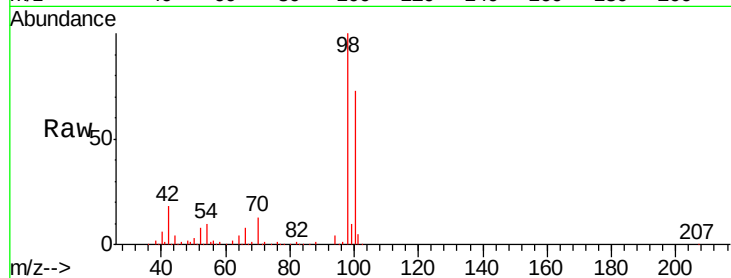




#50
Toluene-d8
Concen: 32.774 ug/l
RT: 7.55 min Scan# 702
Delta R.T. -0.04 min
Lab File: VF060968.D
Acq: 10 Dec 2018 22:11

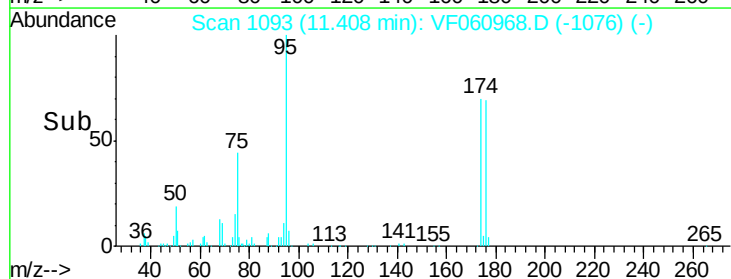
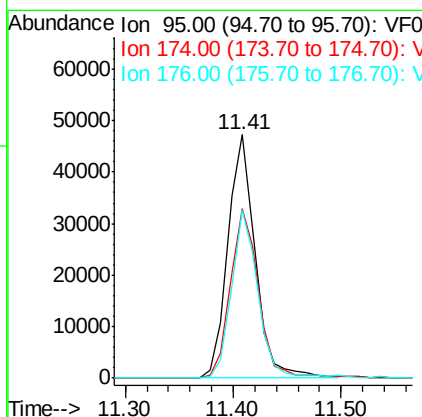
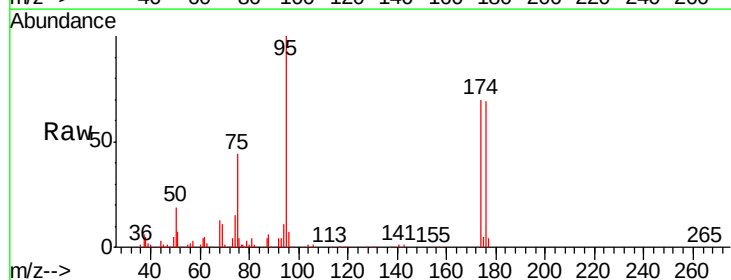
Instrument :
MSVOA_F
ClientSampleId :
SB-7(0-2)

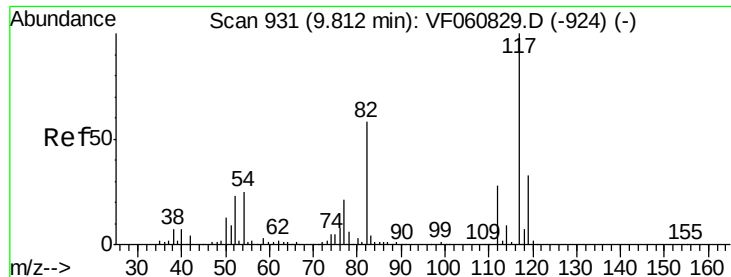
Tgt Ion: 98 Resp: 187125
Ion Ratio Lower Upper
98 100
100 72.9 59.3 88.9



#62
4-Bromofluorobenzene
Concen: 32.228 ug/l
RT: 11.41 min Scan# 1093
Delta R.T. -0.03 min
Lab File: VF060968.D
Acq: 10 Dec 2018 22:11

Tgt Ion: 95 Resp: 83629
Ion Ratio Lower Upper
95 100
174 69.7 0.0 138.2
176 69.2 0.0 146.2

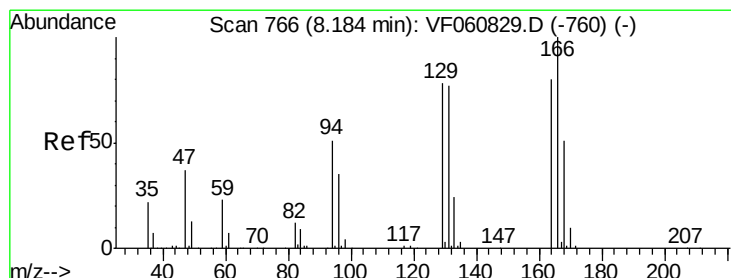
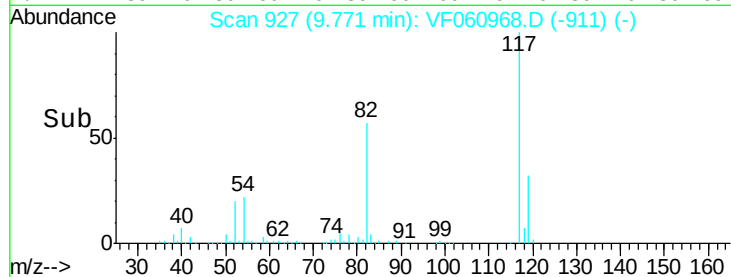
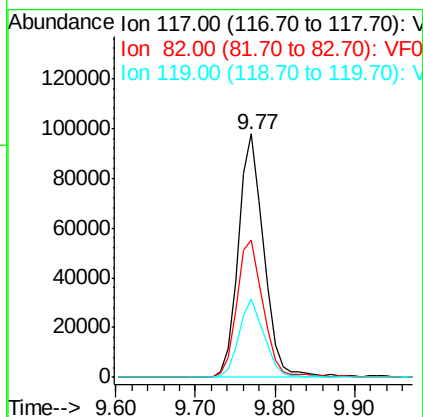
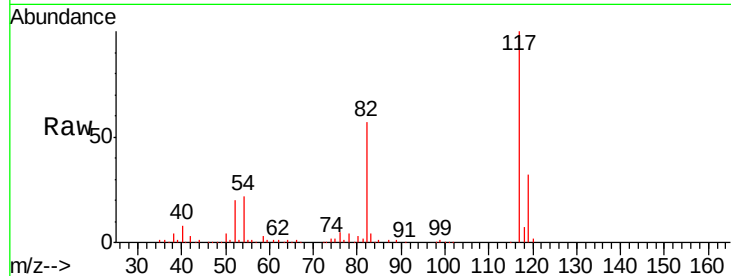




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.77 min Scan# 927
Delta R.T. -0.04 min
Lab File: VF060968.D
Acq: 10 Dec 2018 22:11

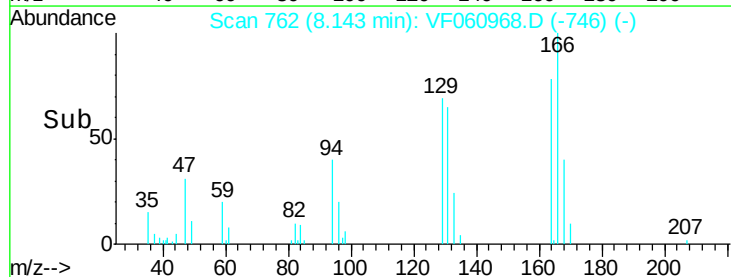
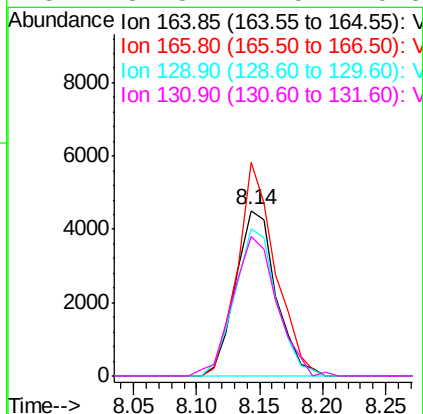
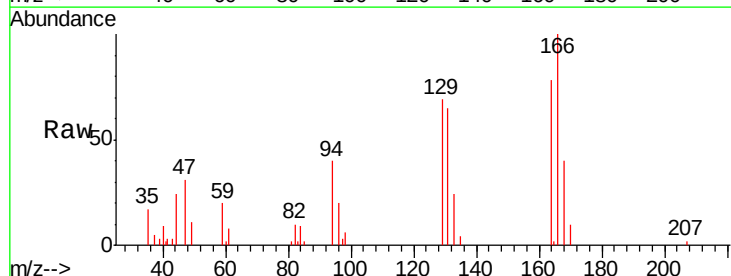
Instrument :
MSVOA_F
ClientSampleId :
SB-7(0-2)

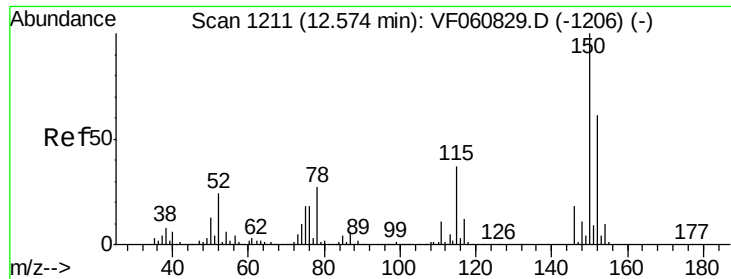
Tgt Ion:117 Resp: 217106
Ion Ratio Lower Upper
117 100
82 56.6 46.6 69.8
119 32.0 26.4 39.6



#64
Tetrachloroethene
Concen: 6.050 ug/l
RT: 8.14 min Scan# 762
Delta R.T. -0.04 min
Lab File: VF060968.D
Acq: 10 Dec 2018 22:11

Tgt Ion:164 Resp: 10032
Ion Ratio Lower Upper
164 100
166 128.9 100.3 150.5
129 88.7 77.9 116.9
131 84.3 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: VF060968.D

Acq: 10 Dec 2018 22:11

Instrument :

MSVOA_F

ClientSampleId :

SB-7(0-2)

Tgt Ion:152 Resp: 83971

Ion Ratio Lower Upper

152 100

115 54.7 30.1 90.5

150 149.3 0.0 327.6

