

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF121718\
 Data File : VF061049.D
 Acq On : 17 Dec 2018 19:22
 Operator : VA/AP
 Sample : J6353-08RE
 Misc : 5.69g/5mL/MSVOA-F/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 P001-SS005-0002-01RE

Quant Time: Dec 18 03:59:24 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	4.89	168	174203	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	5.61	114	304333	50.00	ug/l	-0.03
63) Chlorobenzene-d5	9.79	117	194777	50.00	ug/l	-0.02
72) 1,4-Dichlorobenzene-d4	12.56	152	51250	50.00	ug/l	-0.01

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.86	65	99387	48.43	ug/l	-0.02
Spiked Amount	50.000		Recovery	=	96.86%	
35) Dibromofluoromethane	4.13	113	125720	52.07	ug/l	-0.02
Spiked Amount	50.000		Recovery	=	104.14%	
50) Toluene-d8	7.57	98	262928	36.97	ug/l	-0.02
Spiked Amount	50.000		Recovery	=	73.94%	
62) 4-Bromofluorobenzene	11.43	95	78492	24.28	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	48.56%	

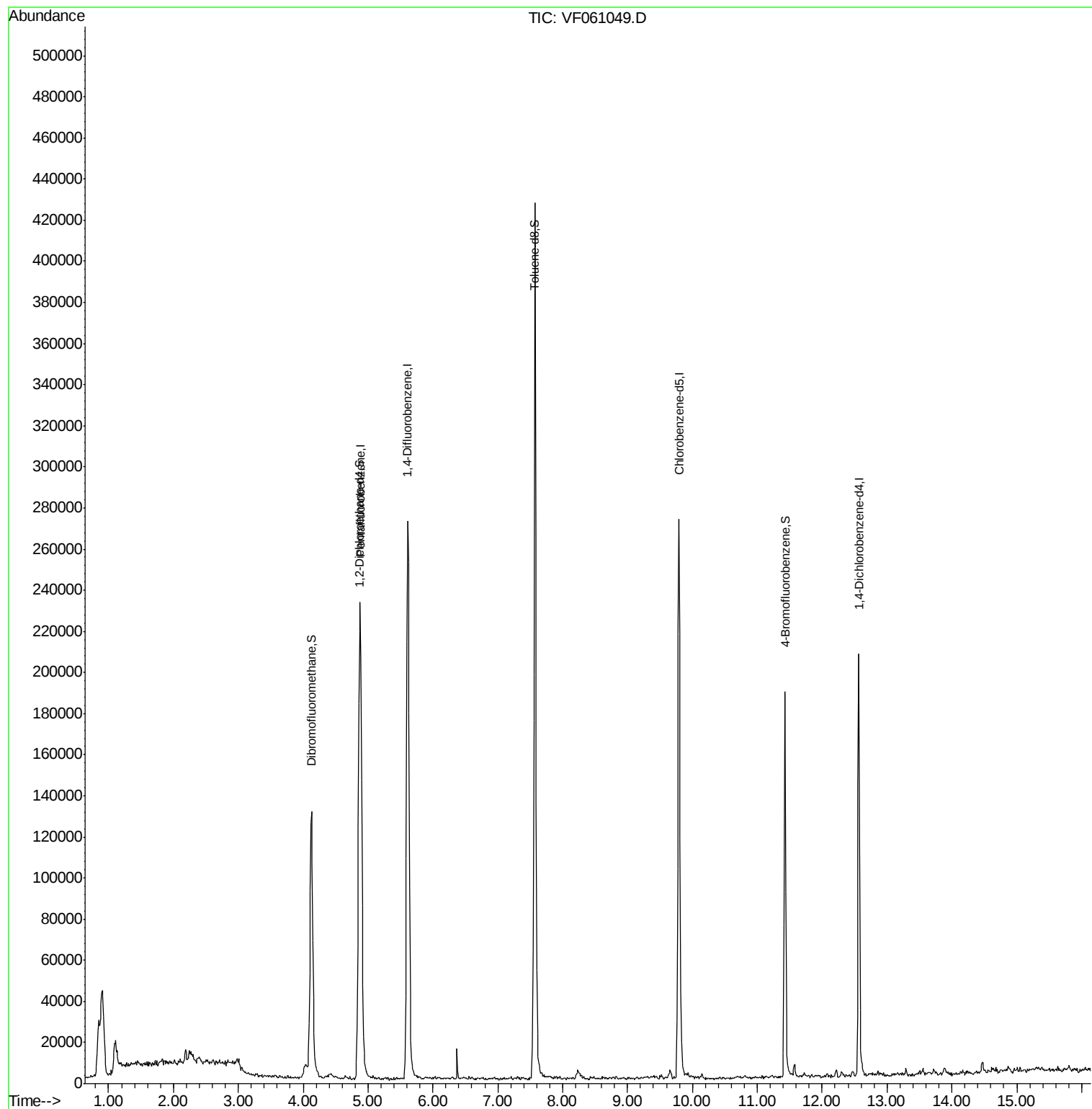
Target Compounds	Qvalue

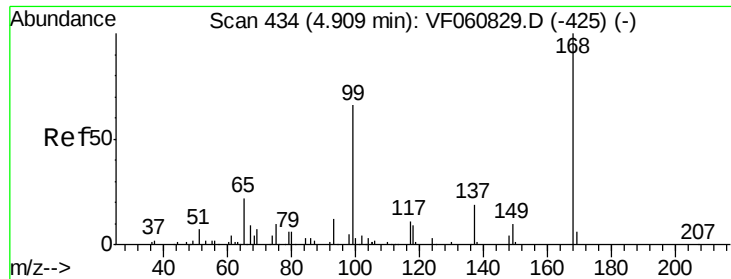
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: 4.89 min Scan# 432

Delta R.T. -0.02 min

Lab File: VF061049.D

Acq: 17 Dec 2018 19:22

Instrument :

MSVOA_F

ClientSampleId :

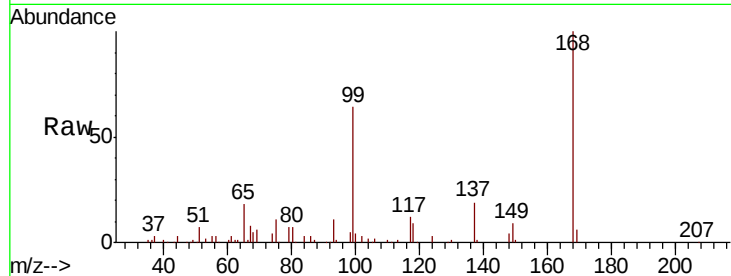
P001-SS005-0002-01RE

Tot Ion:168 Resp: 174203

Ion Ratio Lower Upper

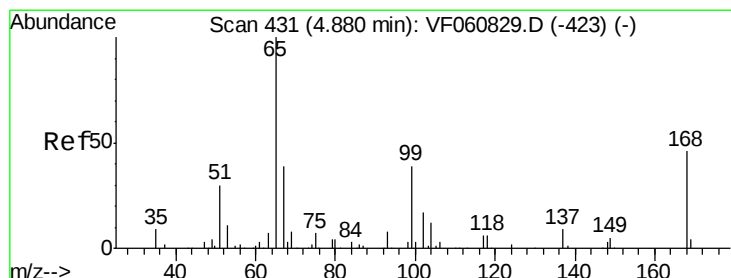
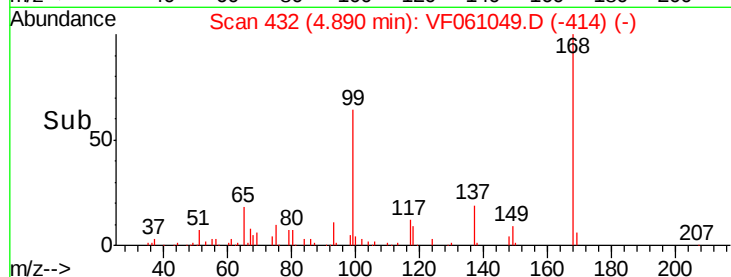
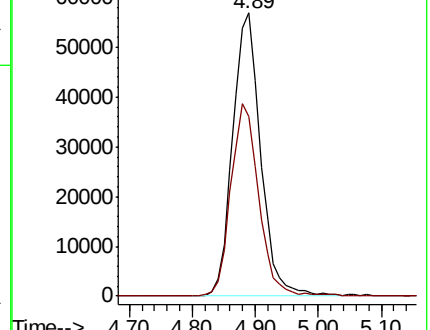
168 100

99 63.6 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: 48.430 ug/l

RT: 4.86 min Scan# 429

Delta R.T. -0.02 min

Lab File: VF061049.D

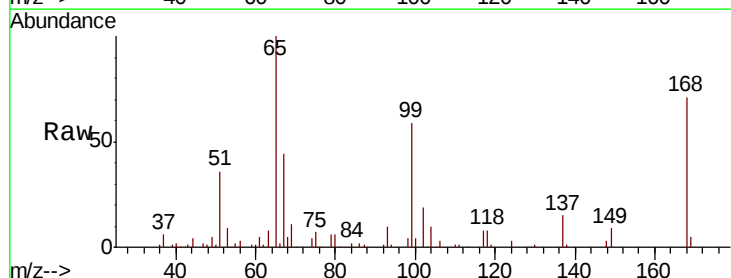
Acq: 17 Dec 2018 19:22

Tgt Ion: 65 Resp: 99387

Ion Ratio Lower Upper

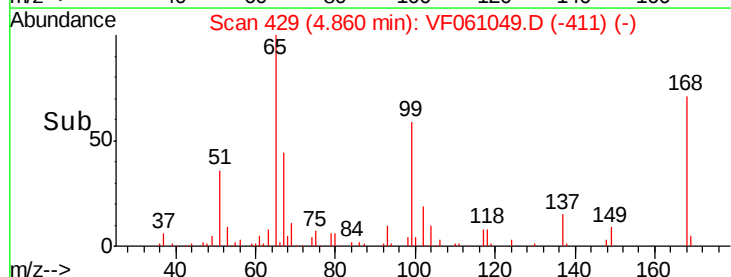
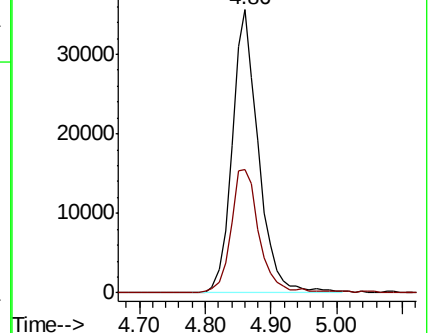
65 100

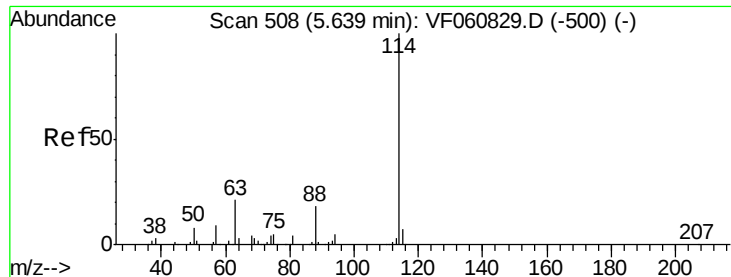
67 43.6 0.0 96.4



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: 5.61 min Scan# 505

Delta R.T. -0.03 min

Lab File: VF061049.D

Acq: 17 Dec 2018 19:22

Instrument :

MSVOA_F

ClientSampleId :

P001-SS005-0002-01RE

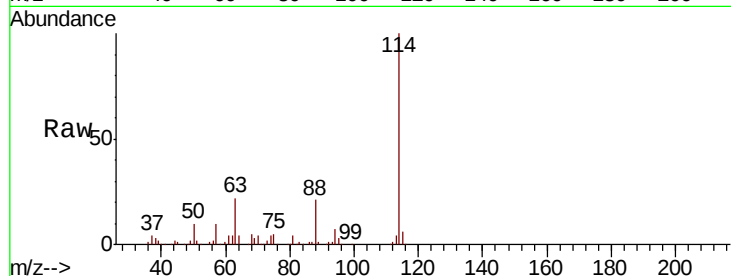
Tot Ion:114 Resp: 304333

Ion Ratio Lower Upper

114 100

63 21.5 0.0 41.6

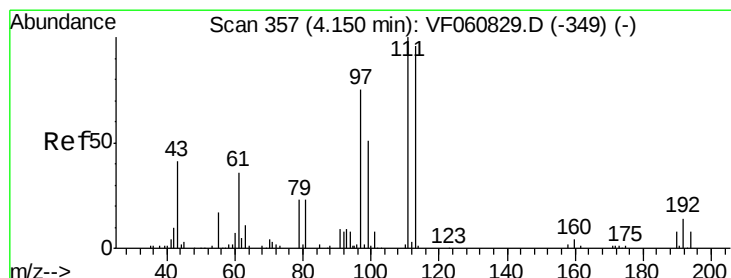
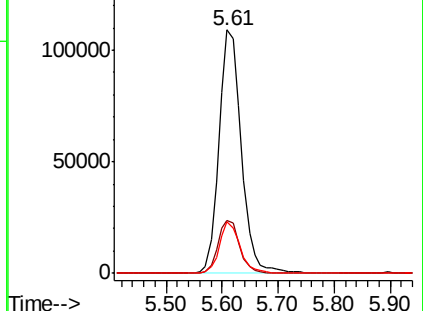
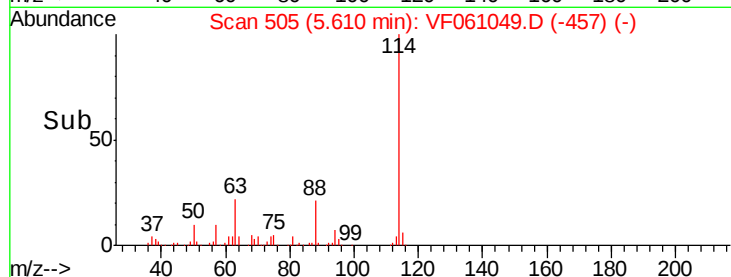
88 21.1 0.0 36.6



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: 52.072 ug/l

RT: 4.13 min Scan# 355

Delta R.T. -0.02 min

Lab File: VF061049.D

Acq: 17 Dec 2018 19:22

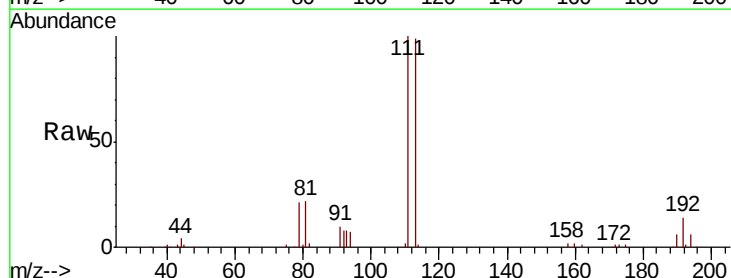
Tgt Ion:113 Resp: 125720

Ion Ratio Lower Upper

113 100

111 100.9 83.0 124.6

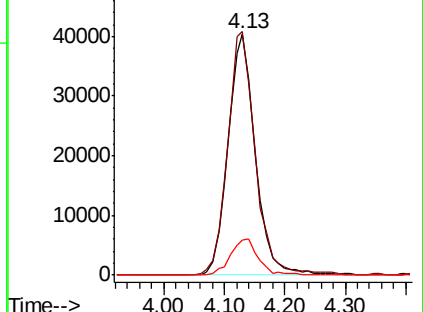
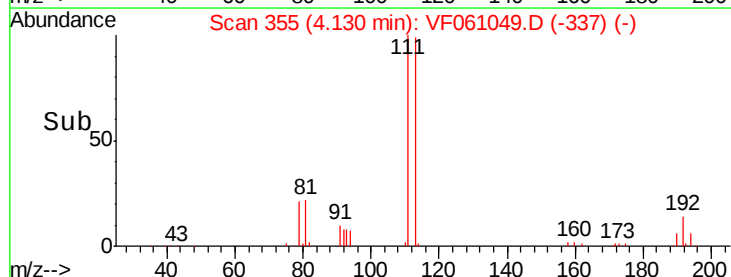
192 14.7 12.3 18.5

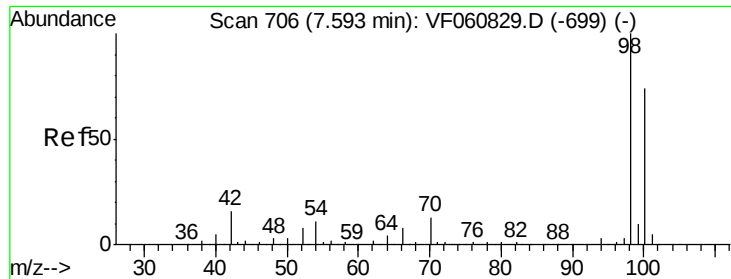


Abundance Ion 113.00 (112.70 to 113.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 192.00 (191.70 to 192.70): V

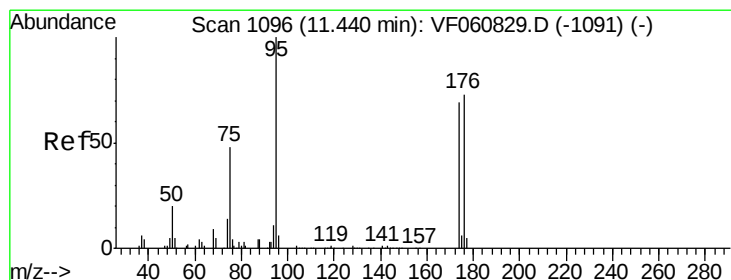
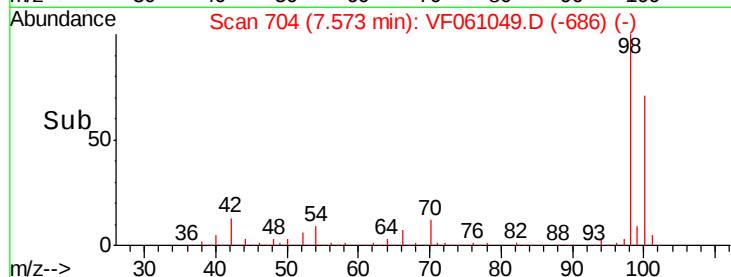
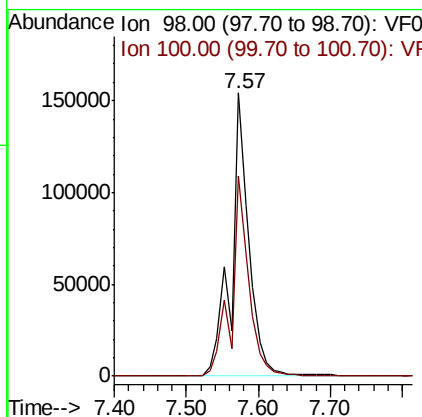
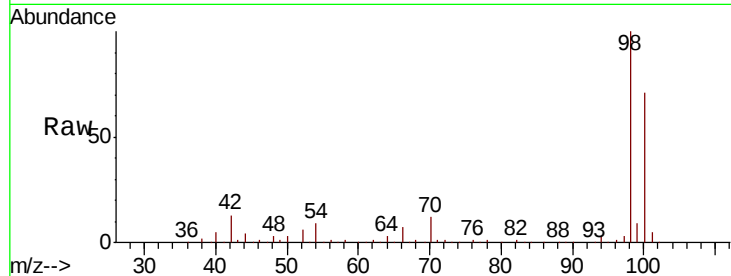




#50
Toluene-d8
Concen: 36.970 ug/l
RT: 7.57 min Scan# 704
Delta R.T. -0.02 min
Lab File: VF061049.D
Acq: 17 Dec 2018 19:22

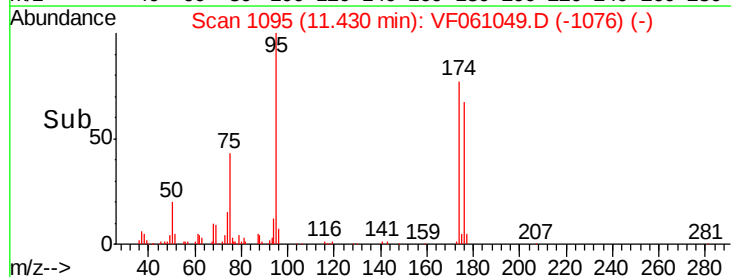
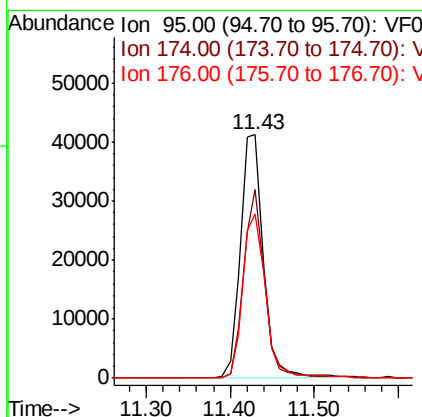
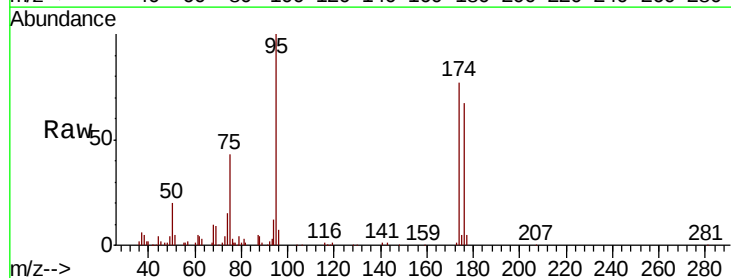
Instrument :
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P001-SS005-0002-01RE

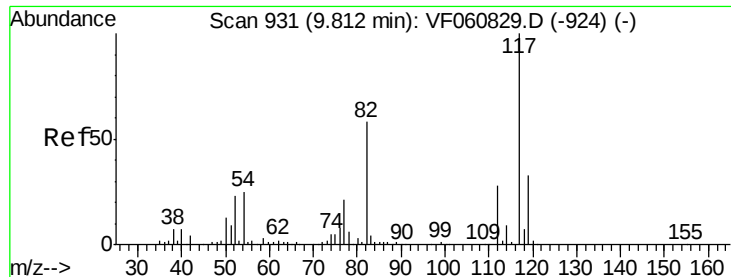
Tot Ion: 98 Resp: 262928
Ion Ratio Lower Upper
98 100
100 70.7 59.3 88.9



#62
4-Bromofluorobenzene
Concen: 24.284 ug/l
RT: 11.43 min Scan# 1095
Delta R.T. -0.01 min
Lab File: VF061049.D
Acq: 17 Dec 2018 19:22

Tgt Ion: 95 Resp: 78492
Ion Ratio Lower Upper
95 100
174 77.3 0.0 138.2
176 67.4 0.0 146.2

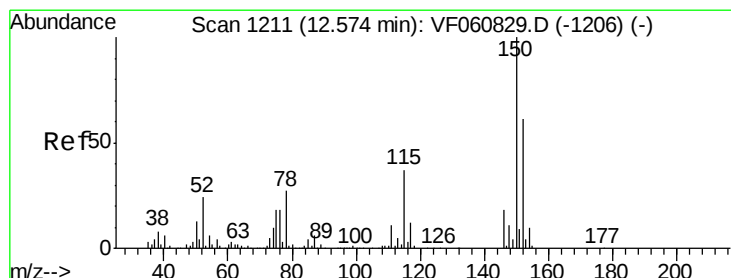
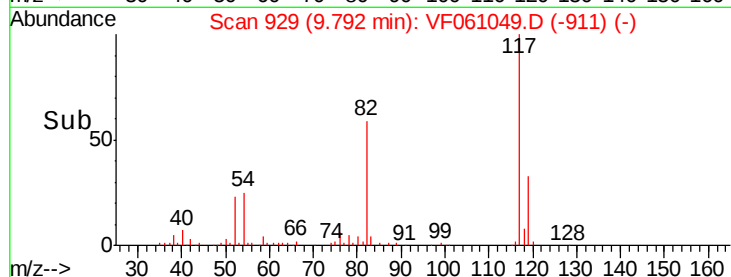
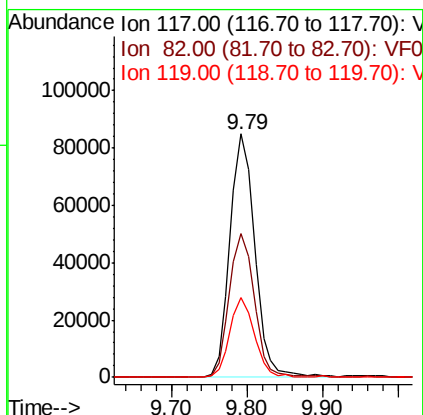
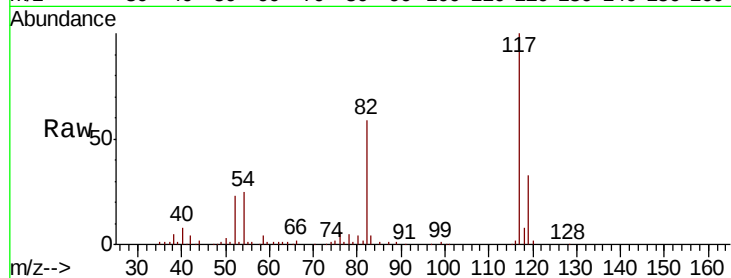




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.79 min Scan# 929
Delta R.T. -0.02 min
Lab File: VF061049.D
Acq: 17 Dec 2018 19:22

Instrument :
MSVOA_F
ClientSampleId :
P001-SS005-0002-01RE

Tot Ion	Ratio	Lower	Upper
117	100		
82	59.2	46.6	69.8
119	32.7	26.4	39.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.56 min Scan# 1210
Delta R.T. -0.01 min
Lab File: VF061049.D
Acq: 17 Dec 2018 19:22

Tgt Ion	Ratio	Lower	Upper
152	100		
115	58.5	30.1	90.5
150	146.8	0.0	327.6

