

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF121418\
 Data File : VF061031.D
 Acq On : 14 Dec 2018 20:32
 Operator : VA/AP
 Sample : J6403-53RE
 Misc : 5.34g/5mL/MSVOA-F/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 TP-7-BRE

Quant Time: Dec 15 01:19:26 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

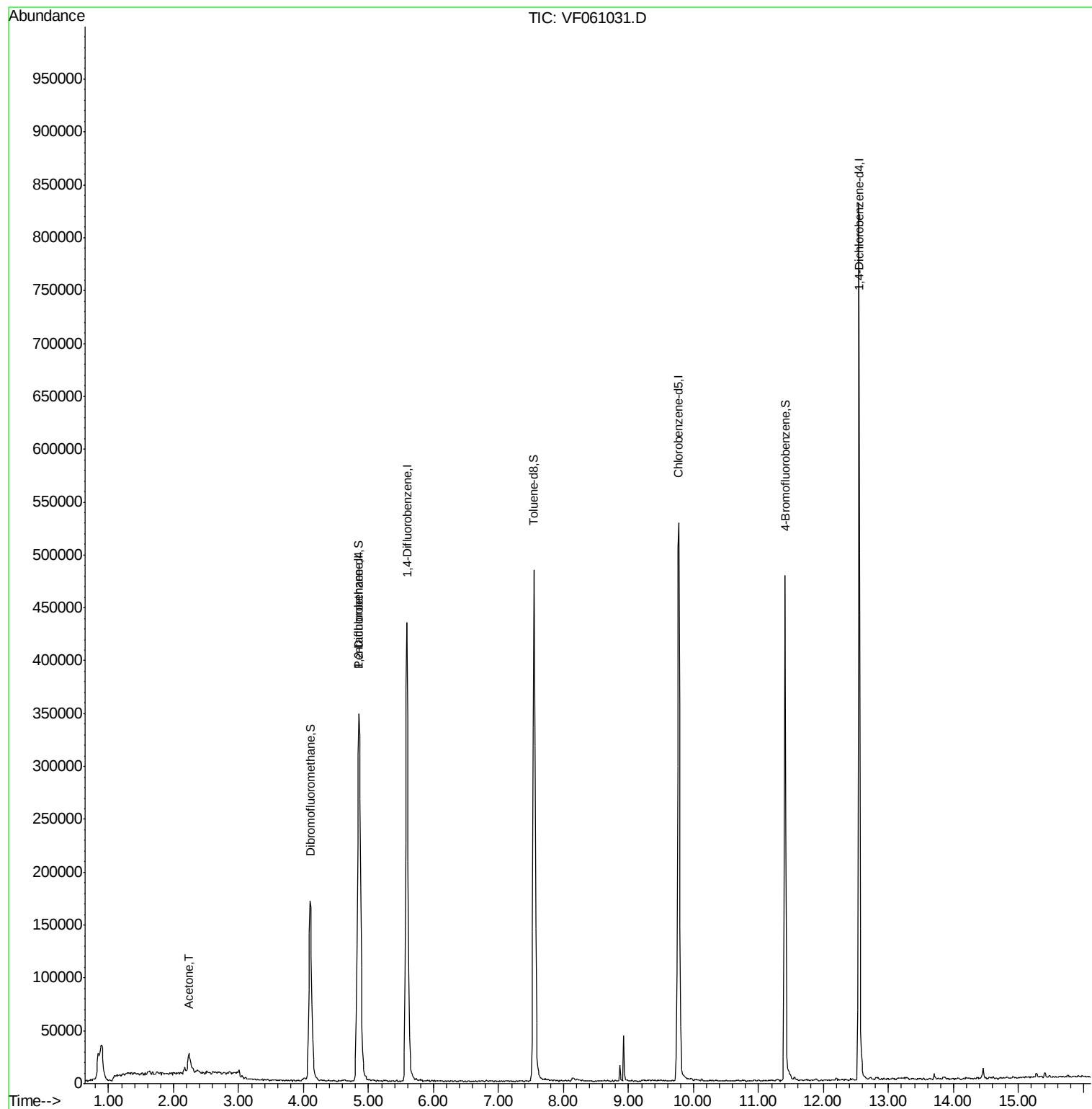
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.86	168	262588	50.00	ug/l	-0.05
34) 1,4-Difluorobenzene	5.59	114	467501	50.00	ug/l	-0.05
63) Chlorobenzene-d5	9.77	117	392771	50.00	ug/l	-0.04
72) 1,4-Dichlorobenzene-d4	12.54	152	193263	50.00	ug/l	-0.03
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.84	65	148255	47.93	ug/l	-0.04
Spiked Amount 50.000			Recovery	=	95.86%	
35) Dibromofluoromethane	4.10	113	166291	44.84	ug/l	-0.05
Spiked Amount 50.000			Recovery	=	89.68%	
50) Toluene-d8	7.54	98	425152	38.92	ug/l	-0.05
Spiked Amount 50.000			Recovery	=	77.84%	
62) 4-Bromofluorobenzene	11.41	95	187938	37.85	ug/l	-0.03
Spiked Amount 50.000			Recovery	=	75.70%	
Target Compounds						
16) Acetone	2.23	43	25980	45.544	ug/l	Qvalue 97

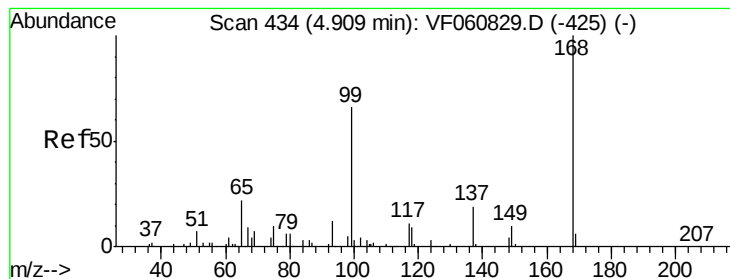
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VF061031.D

Acq: 14 Dec 2018 20:32

Instrument :

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ClientSampleId :

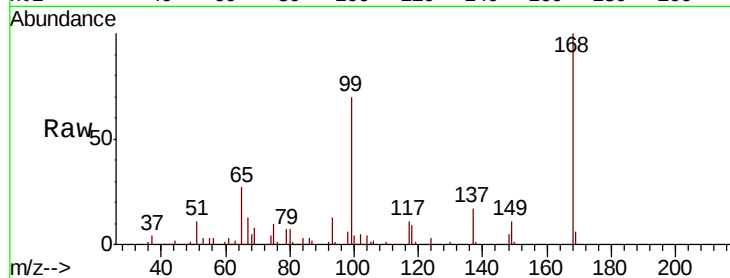
TP-7-BRE

Tgt Ion:168 Resp: 262588

Ion Ratio Lower Upper

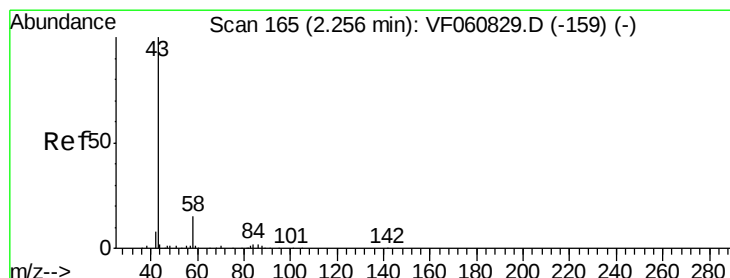
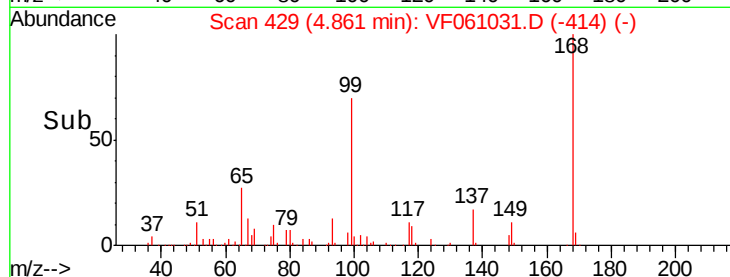
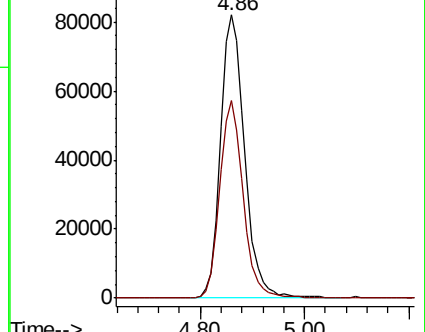
168 100

99 69.9 52.6 79.0



Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0



#16

Acetone

Concen: 45.544 ug/l

RT: 2.23 min Scan# 162

Delta R.T. -0.03 min

Lab File: VF061031.D

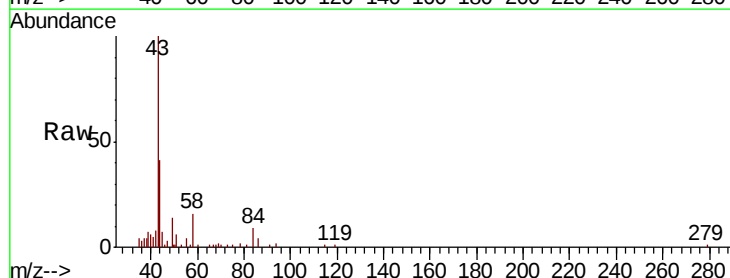
Acq: 14 Dec 2018 20:32

Tgt Ion: 43 Resp: 25980

Ion Ratio Lower Upper

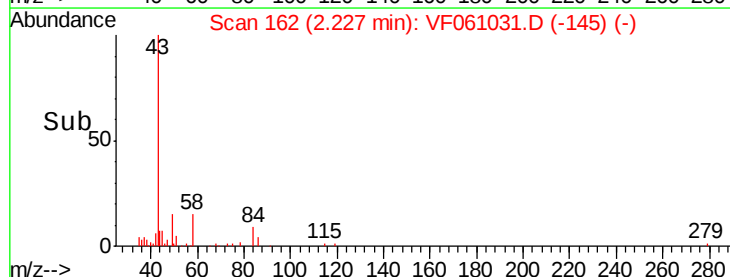
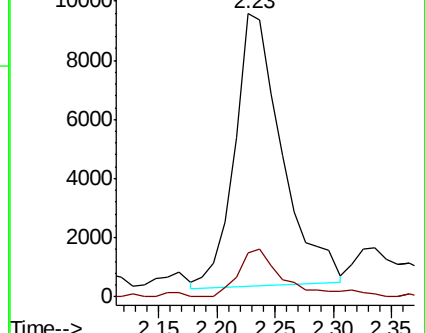
43 100

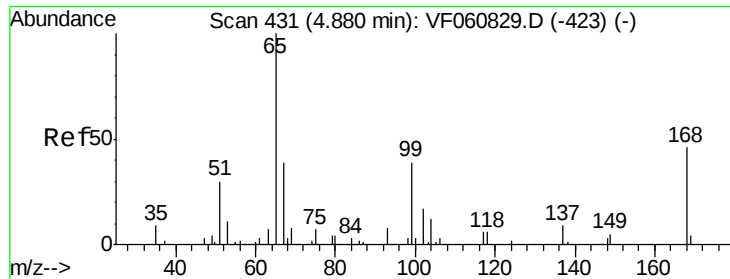
58 15.7 11.4 17.2



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 58.00 (57.70 to 58.70): VF0

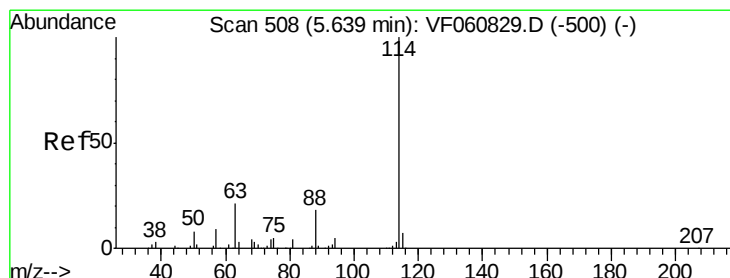
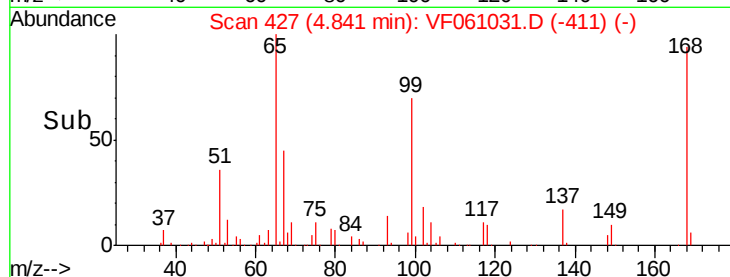
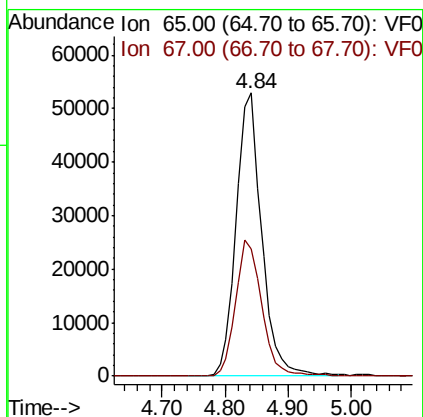
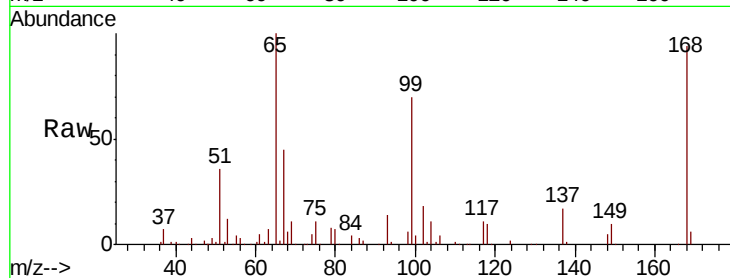




#33
 1,2-Dichloroethane-d4
 Concen: 47.927 ug/l
 RT: 4.84 min Scan# 427
 Delta R.T. -0.04 min
 Lab File: VF061031.D
 Acq: 14 Dec 2018 20:32

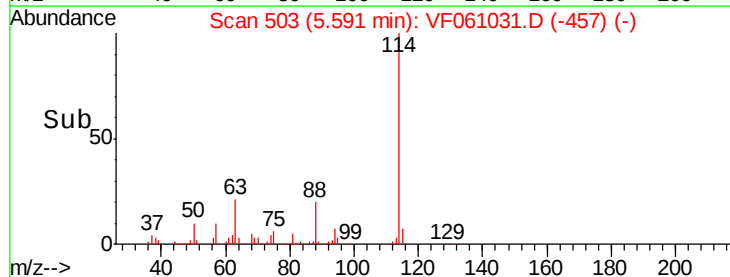
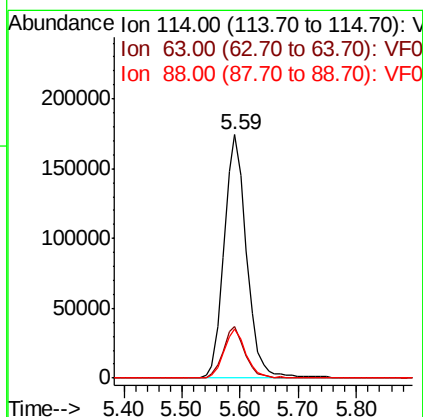
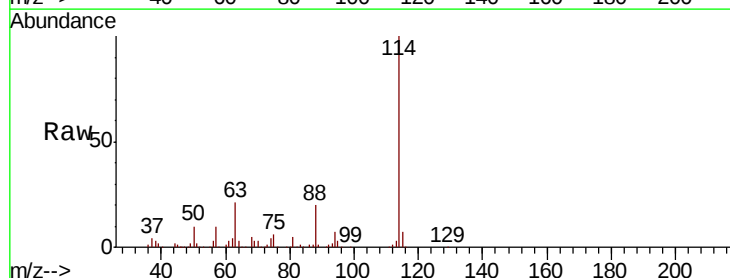
Instrument :
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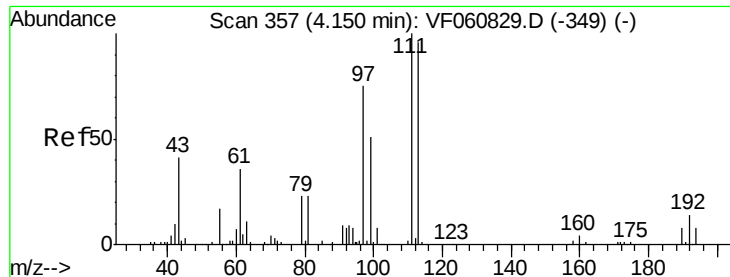
Tgt Ion: 65 Resp: 148255
 Ion Ratio Lower Upper
 65 100
 67 45.1 0.0 96.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.59 min Scan# 503
 Delta R.T. -0.05 min
 Lab File: VF061031.D
 Acq: 14 Dec 2018 20:32

Tgt Ion: 114 Resp: 467501
 Ion Ratio Lower Upper
 114 100
 63 21.1 0.0 41.6
 88 20.1 0.0 36.6

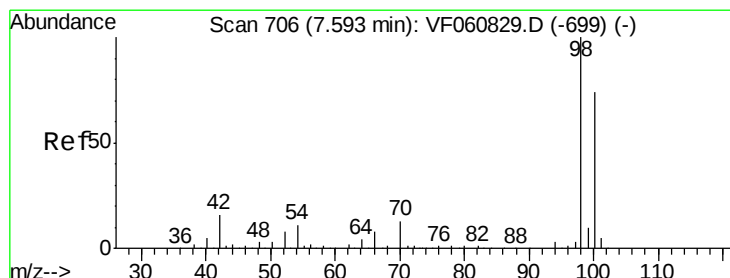
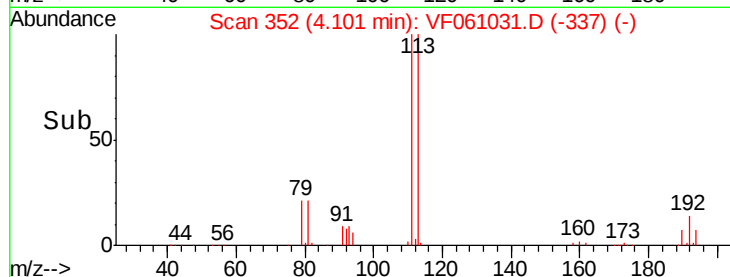
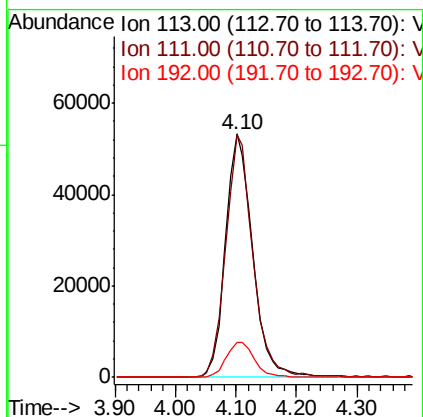
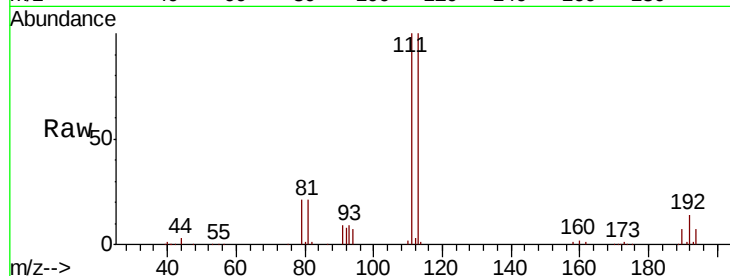




#35
Dibromofluoromethane
Concen: 44.837 ug/l
RT: 4.10 min Scan# 352
Delta R.T. -0.05 min
Lab File: VF061031.D
Acq: 14 Dec 2018 20:32

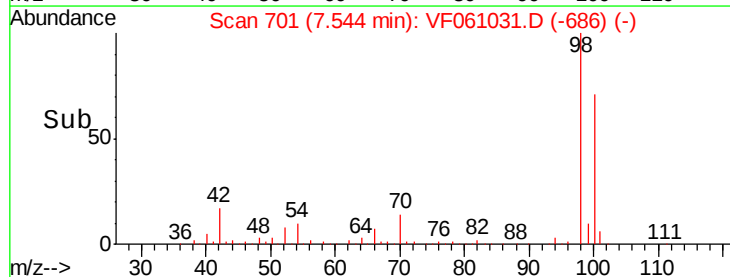
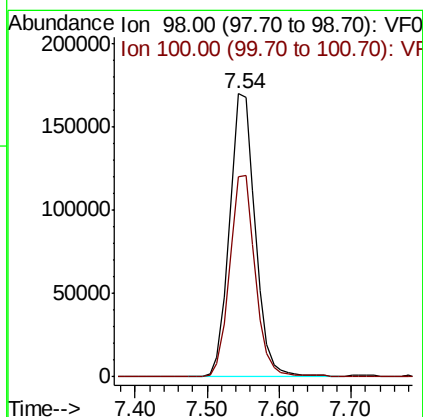
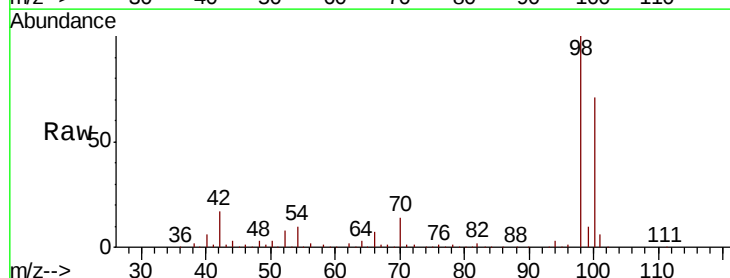
Instrument :
MSVOA_F
ClientSampleId :
TP-7-BRE

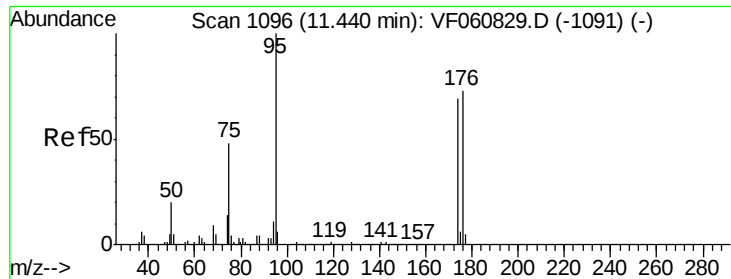
Tgt Ion:113 Resp: 166291
Ion Ratio Lower Upper
113 100
111 99.6 83.0 124.6
192 14.3 12.3 18.5



#50
Toluene-d8
Concen: 38.915 ug/l
RT: 7.54 min Scan# 701
Delta R.T. -0.05 min
Lab File: VF061031.D
Acq: 14 Dec 2018 20:32

Tgt Ion: 98 Resp: 425152
Ion Ratio Lower Upper
98 100
100 70.5 59.3 88.9

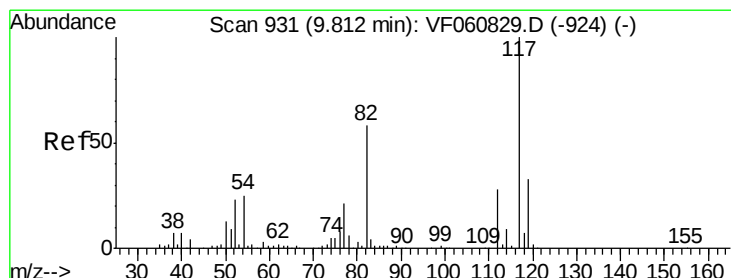
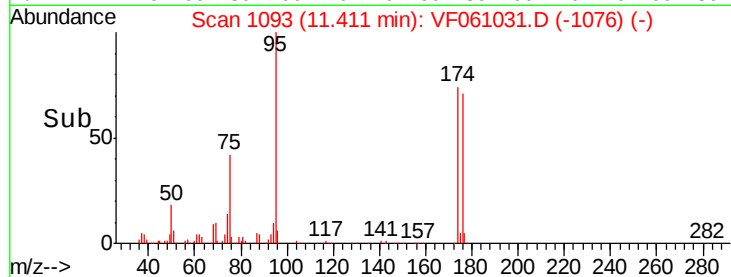
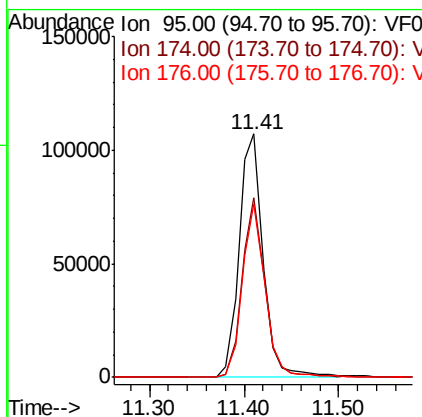
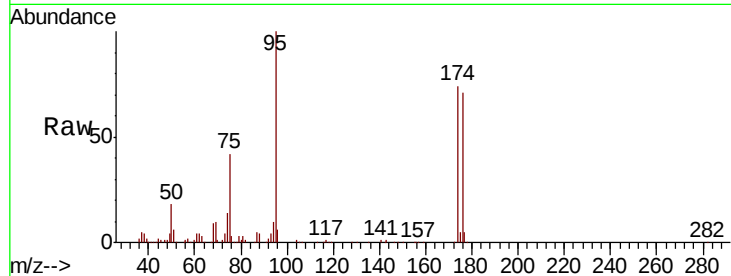




#62
4-Bromofluorobenzene
Concen: 37.851 ug/l
RT: 11.41 min Scan# 1093
Delta R.T. -0.03 min
Lab File: VF061031.D
Acq: 14 Dec 2018 20:32

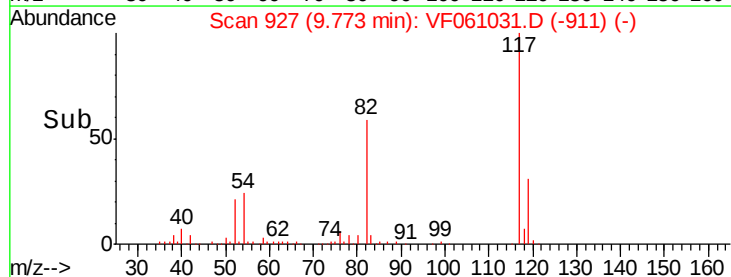
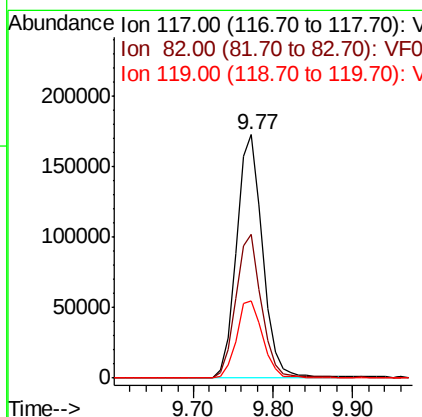
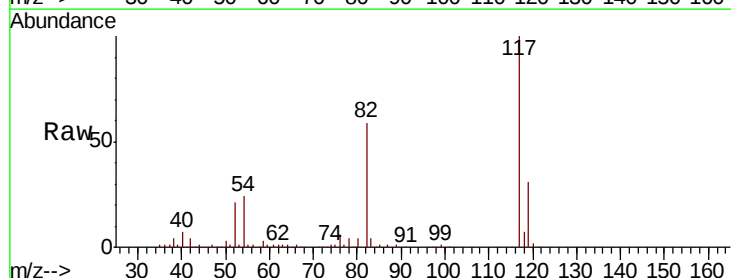
Instrument :
MSVOA_F
ClientSampleId :
TP-7-BRE

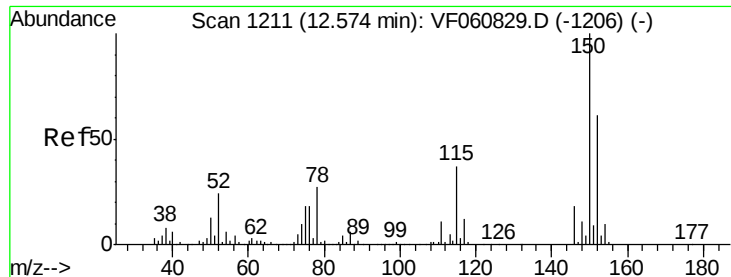
Tgt Ion: 95 Resp: 187938
Ion Ratio Lower Upper
95 100
174 74.0 0.0 138.2
176 71.0 0.0 146.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.77 min Scan# 927
Delta R.T. -0.04 min
Lab File: VF061031.D
Acq: 14 Dec 2018 20:32

Tgt Ion: 117 Resp: 392771
Ion Ratio Lower Upper
117 100
82 58.9 46.6 69.8
119 31.5 26.4 39.6





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.54 min Scan# 1208

Delta R.T. -0.03 min

Lab File: VF061031.D

Acq: 14 Dec 2018 20:32

Instrument :

MSVOA_F

ClientSampleId :

TP-7-BRE

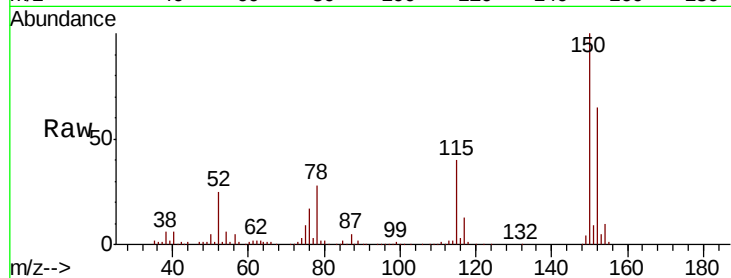
Tgt Ion:152 Resp: 193263

Ion Ratio Lower Upper

152 100

115 61.0 30.1 90.5

150 154.1 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

