

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF121418\
 Data File : VF061025.D
 Acq On : 14 Dec 2018 17:39
 Operator : VA/AP
 Sample : J6403-29RE
 Misc : 5.25g/5mL/MSVOA-F/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 TP-4-BRE

Quant Time: Dec 15 01:08:55 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

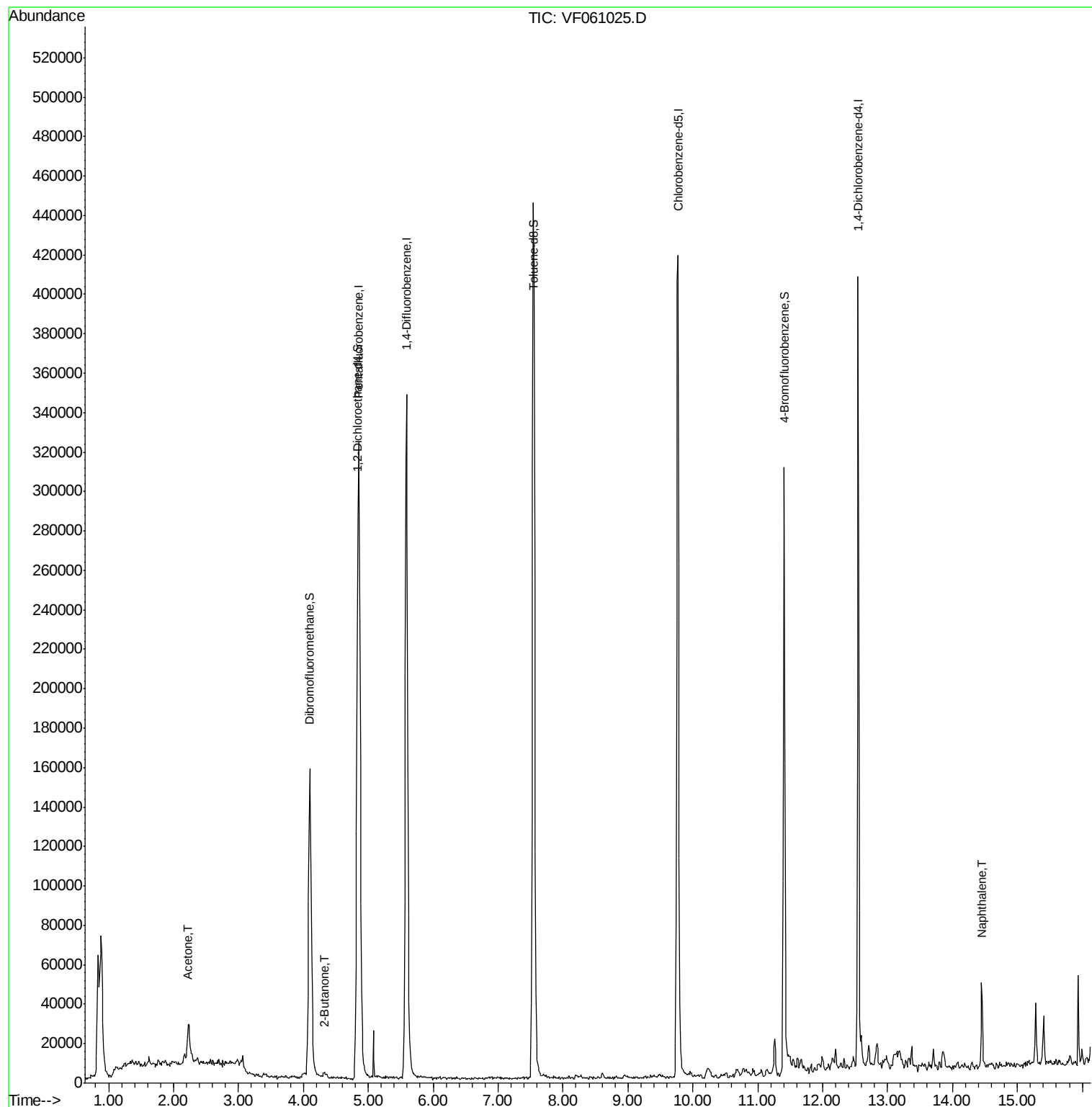
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.86	168	243215	50.00	ug/l	-0.05
34) 1,4-Difluorobenzene	5.59	114	396197	50.00	ug/l	-0.05
63) Chlorobenzene-d5	9.77	117	302291	50.00	ug/l	-0.04
72) 1,4-Dichlorobenzene-d4	12.54	152	95336	50.00	ug/l	-0.03
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.83	65	128339	44.79	ug/l	-0.05
Spiked Amount 50.000			Recovery	=	89.58%	
35) Dibromofluoromethane	4.10	113	149286	47.50	ug/l	-0.05
Spiked Amount 50.000			Recovery	=	95.00%	
50) Toluene-d8	7.54	98	374459	40.44	ug/l	-0.05
Spiked Amount 50.000			Recovery	=	80.88%	
62) 4-Bromofluorobenzene	11.41	95	123142	29.26	ug/l	-0.03
Spiked Amount 50.000			Recovery	=	58.52%	
Target Compounds						
16) Acetone	2.23	43	31159	58.974	ug/l #	92
25) 2-Butanone	4.33	43	7023	7.685	ug/l #	90
95) Naphthalene	14.45	128	30827	4.453	ug/l	100

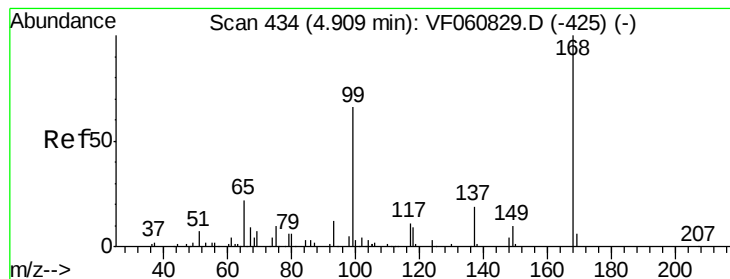
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: 4.86 min Scan# 429

Delta R.T. -0.05 min

Lab File: VF061025.D

Acq: 14 Dec 2018 17:39

Instrument :

MSVOA_F

ClientSampleId :

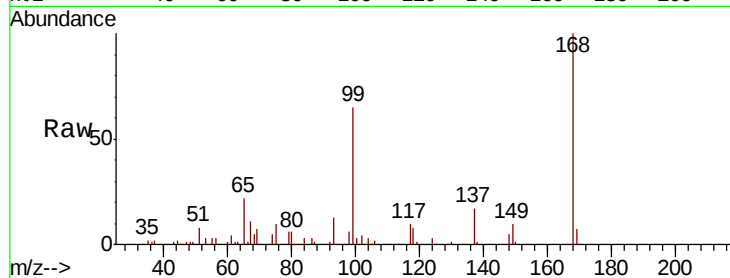
TP-4-BRE

Tgt Ion:168 Resp: 243215

Ion Ratio Lower Upper

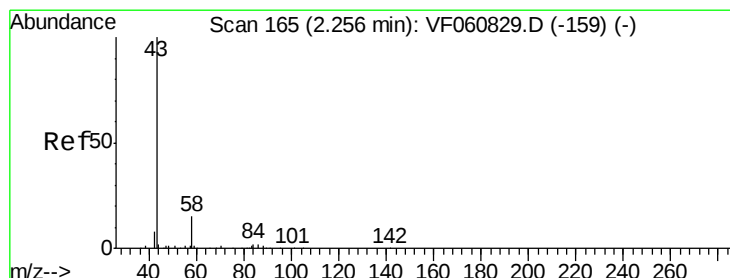
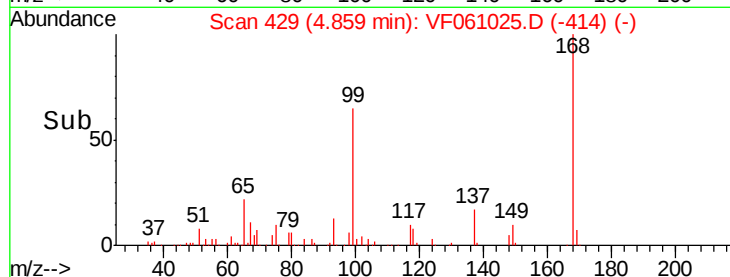
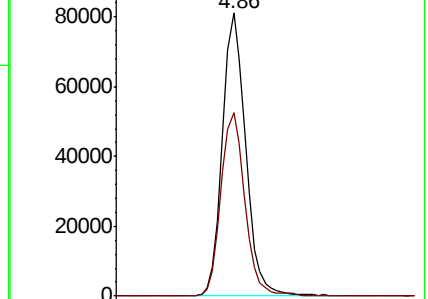
168 100

99 64.9 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: 58.974 ug/l

RT: 2.23 min Scan# 162

Delta R.T. -0.03 min

Lab File: VF061025.D

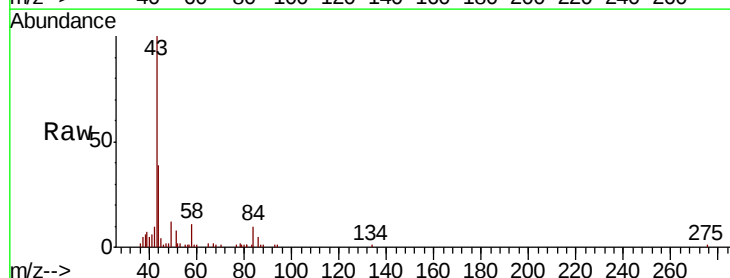
Acq: 14 Dec 2018 17:39

Tgt Ion: 43 Resp: 31159

Ion Ratio Lower Upper

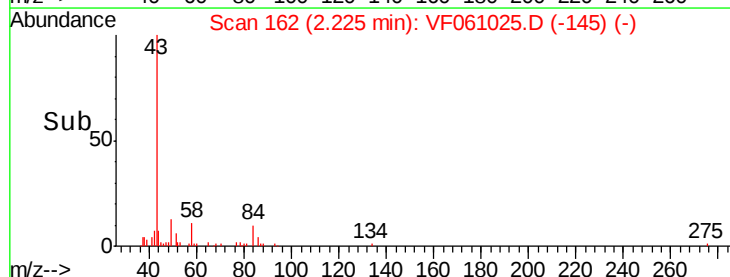
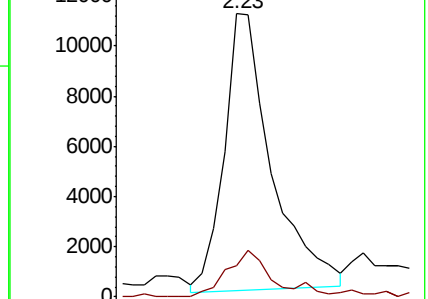
43 100

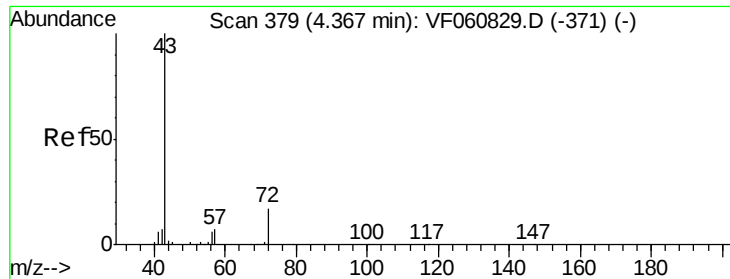
58 10.9 11.4 17.2#



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 58.00 (57.70 to 58.70): VF0

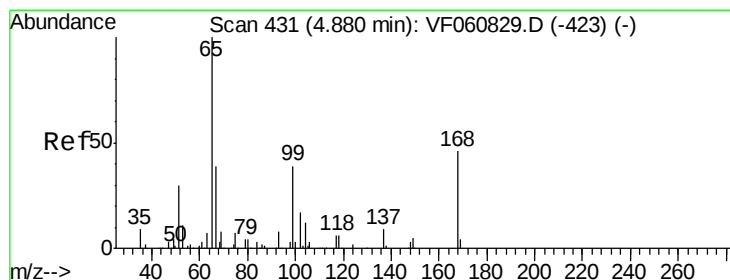
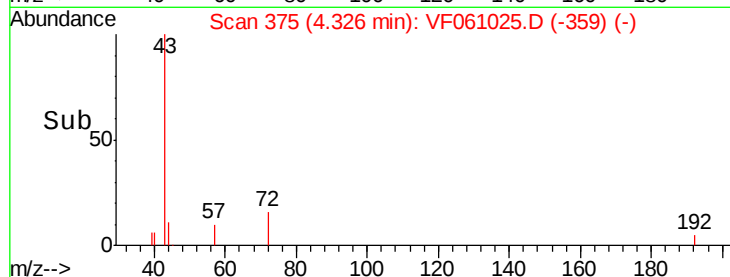
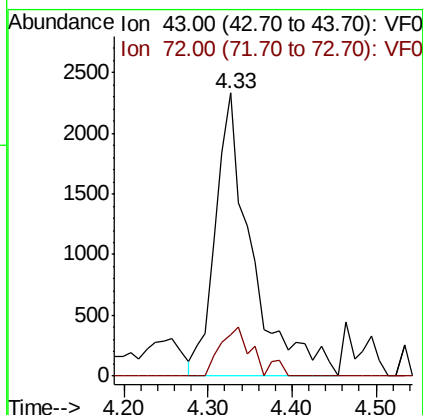
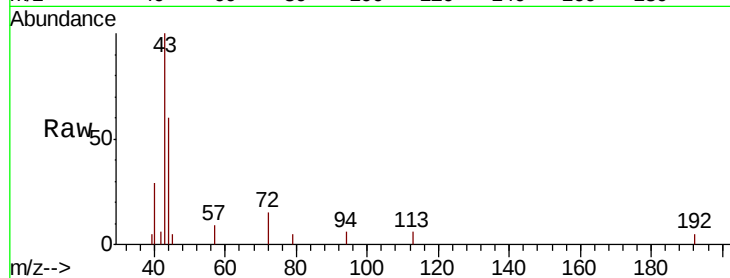




#25
 2-Butanone
 Concen: 7.685 ug/l
 RT: 4.33 min Scan# 375
 Delta R.T. -0.04 min
 Lab File: VF061025.D
 Acq: 14 Dec 2018 17:39

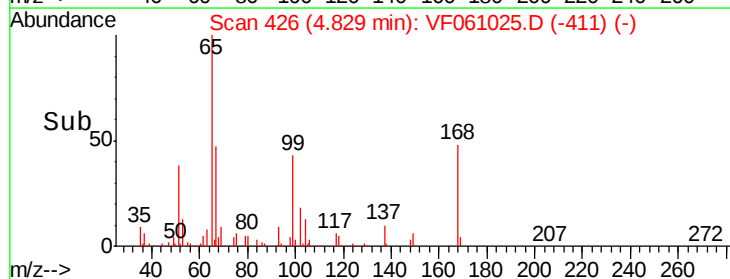
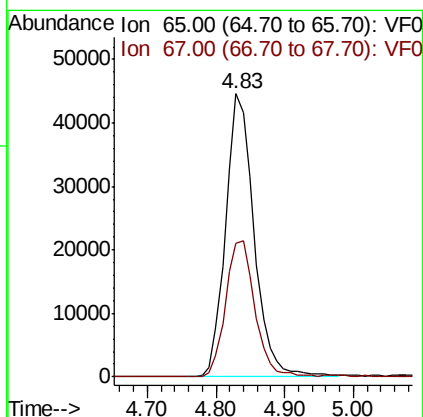
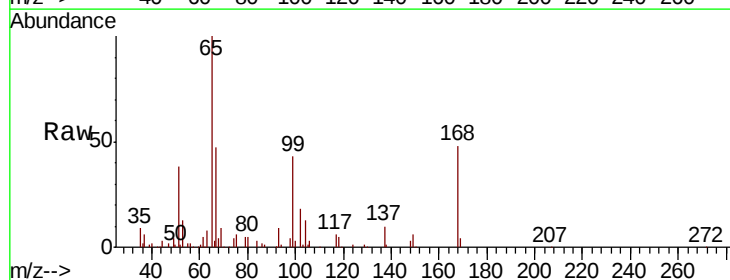
Instrument :
 MSVOA_F
 ClientSampleId :
 TP-4-BRE

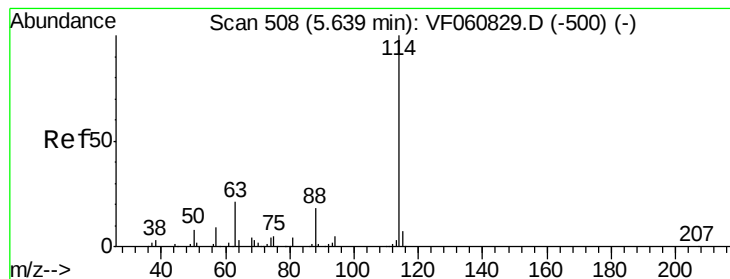
Tgt Ion: 43 Resp: 7023
 Ion Ratio Lower Upper
 43 100
 72 14.7 15.4 23.2#



#33
 1,2-Dichloroethane-d4
 Concen: 44.793 ug/l
 RT: 4.83 min Scan# 426
 Delta R.T. -0.05 min
 Lab File: VF061025.D
 Acq: 14 Dec 2018 17:39

Tgt Ion: 65 Resp: 128339
 Ion Ratio Lower Upper
 65 100
 67 47.3 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: VF061025.D

Acq: 14 Dec 2018 17:39

Instrument :

MSVOA_F

ClientSampleId :

TP-4-BRE

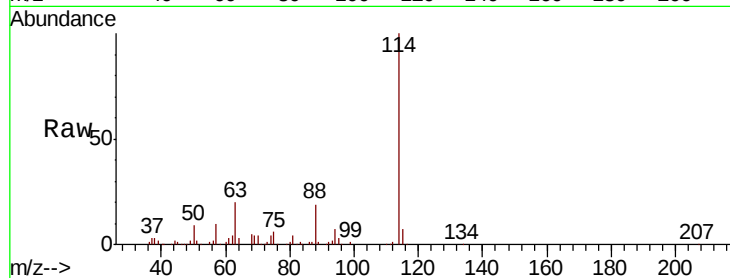
Tgt Ion:114 Resp: 396197

Ion Ratio Lower Upper

114 100

63 20.5 0.0 41.6

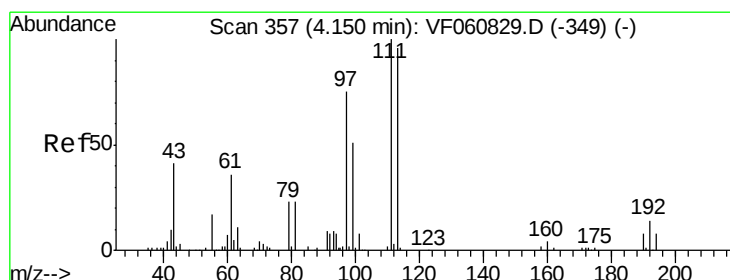
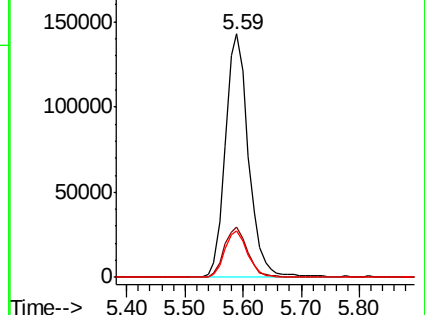
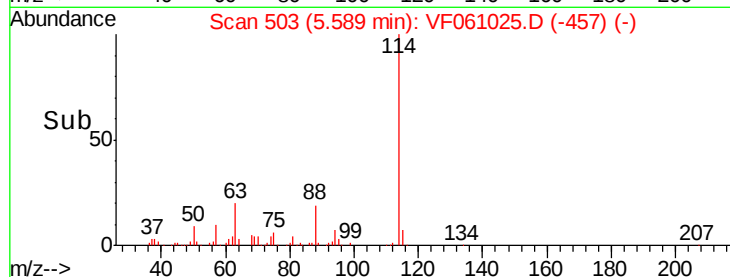
88 19.2 0.0 36.6



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: 47.496 ug/l

RT: 4.10 min Scan# 352

Delta R.T. -0.05 min

Lab File: VF061025.D

Acq: 14 Dec 2018 17:39

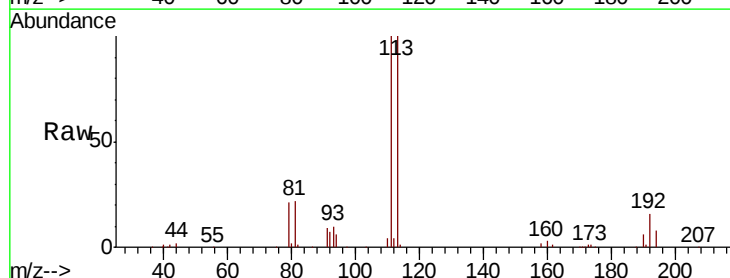
Tgt Ion:113 Resp: 149286

Ion Ratio Lower Upper

113 100

111 99.8 83.0 124.6

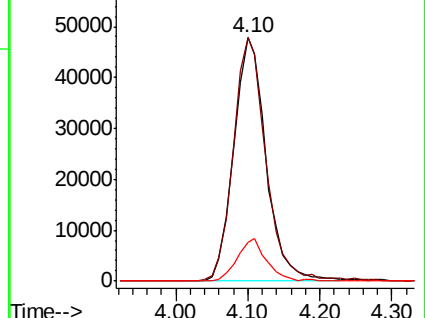
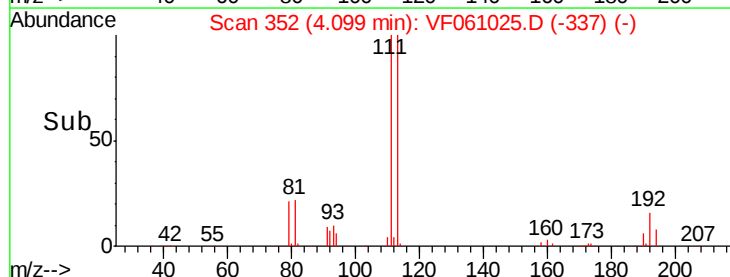
192 16.0 12.3 18.5

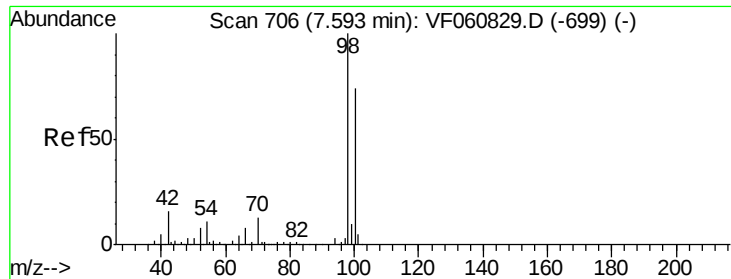


Abundance Ion 113.00 (112.70 to 113.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 192.00 (191.70 to 192.70): V





#50

Toluene-d8

Concen: 40.444 ug/l

RT: 7.54 min Scan# 701

Delta R.T. -0.05 min

Lab File: VF061025.D

Acq: 14 Dec 2018 17:39

Instrument :

MSVOA_F

ClientSampleId :

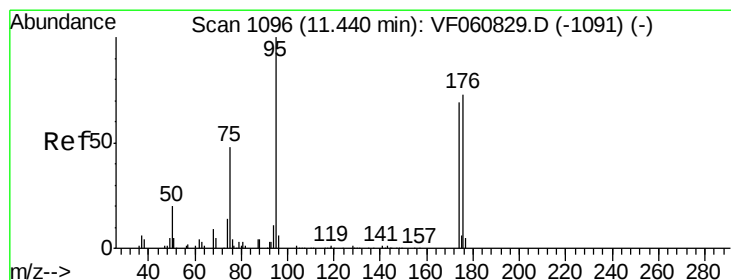
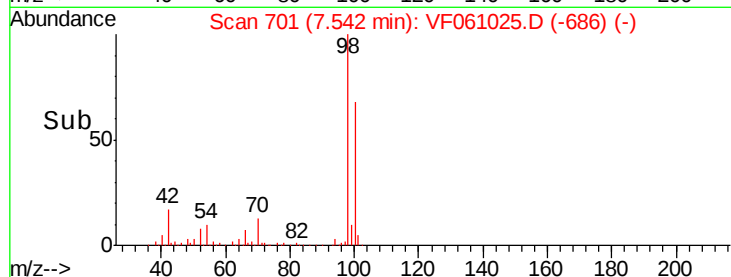
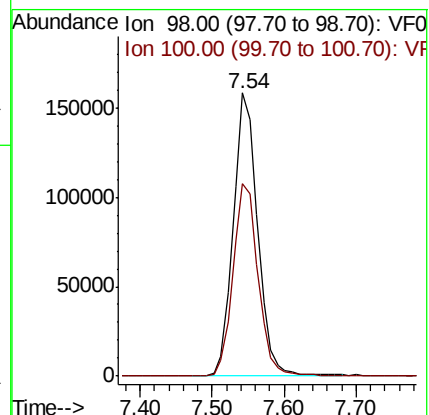
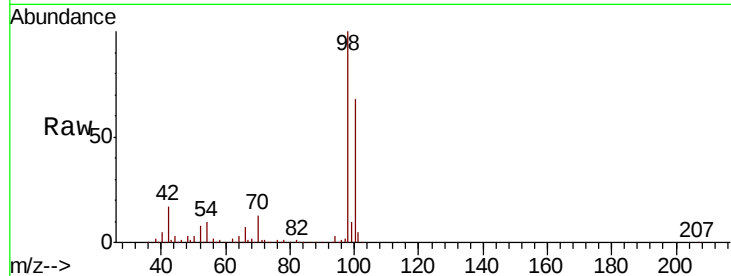
TP-4-BRE

Tgt Ion: 98 Resp: 374459

Ion Ratio Lower Upper

98 100

100 67.9 59.3 88.9



#62

4-Bromofluorobenzene

Concen: 29.264 ug/l

RT: 11.41 min Scan# 1093

Delta R.T. -0.03 min

Lab File: VF061025.D

Acq: 14 Dec 2018 17:39

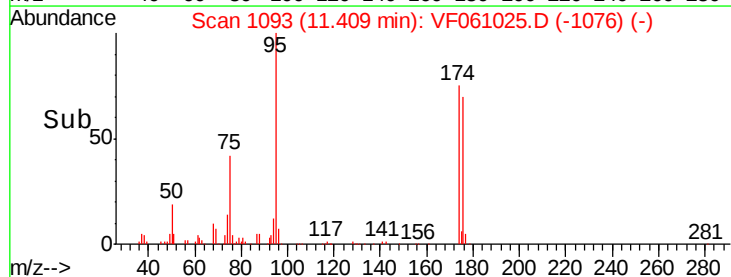
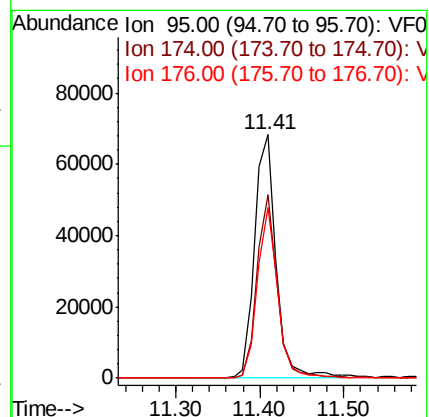
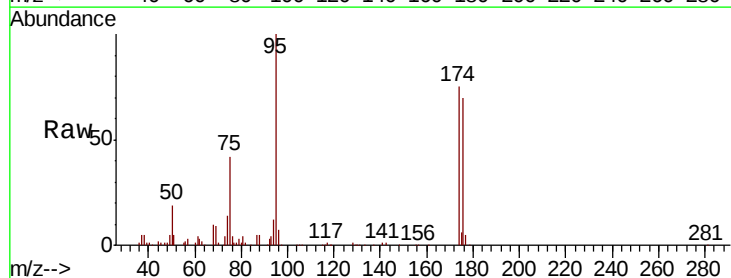
Tgt Ion: 95 Resp: 123142

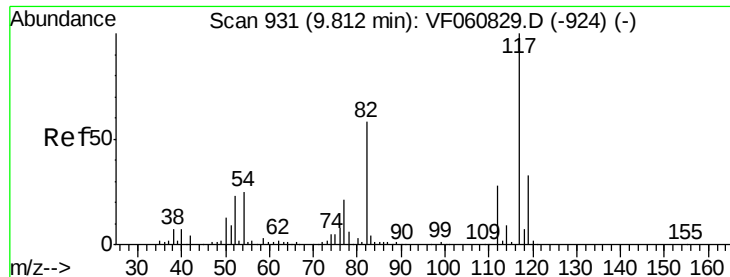
Ion Ratio Lower Upper

95 100

174 75.3 0.0 138.2

176 70.2 0.0 146.2

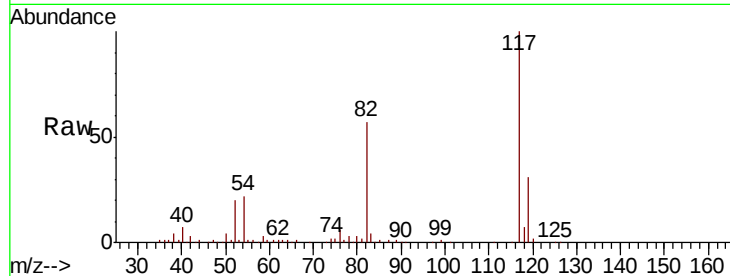




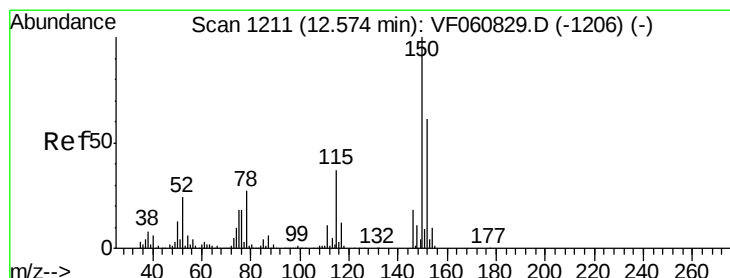
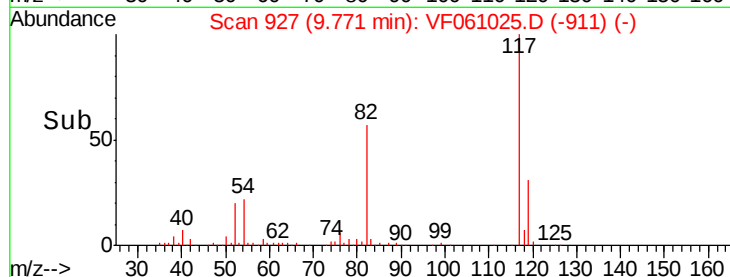
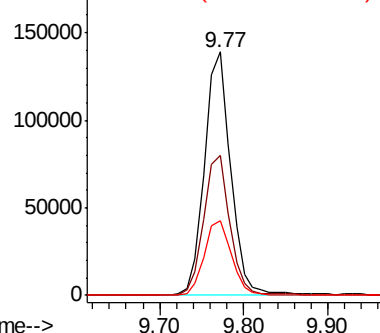
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.77 min Scan# 927
Delta R.T. -0.04 min
Lab File: VF061025.D
Acq: 14 Dec 2018 17:39

Instrument :
MSVOA_F
ClientSampleId :
TP-4-BRE

Tgt Ion:117 Resp: 302291
Ion Ratio Lower Upper
117 100
82 57.2 46.6 69.8
119 30.7 26.4 39.6

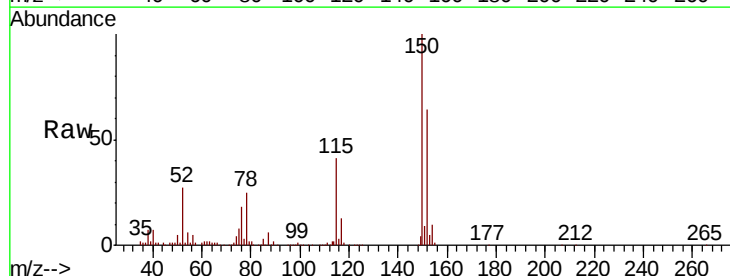


Abundance Ion 117.00 (116.70 to 117.70): V
Ion 82.00 (81.70 to 82.70): VF0
Ion 119.00 (118.70 to 119.70): V

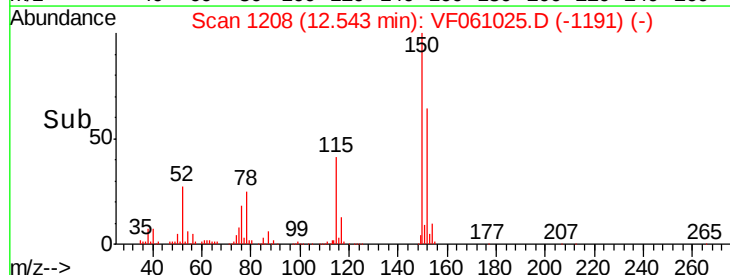
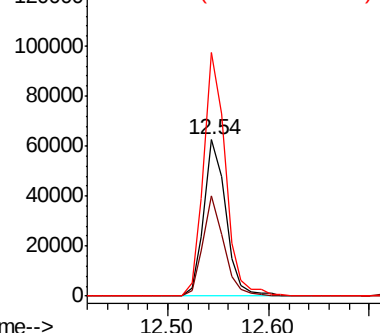


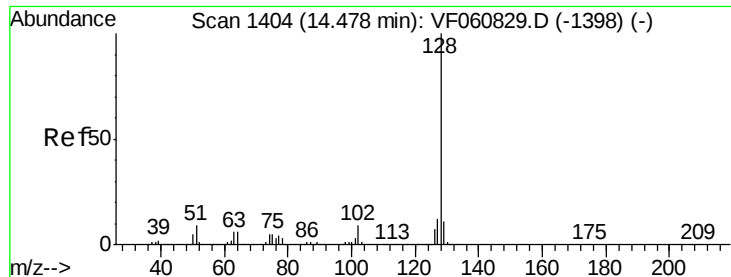
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.54 min Scan# 1208
Delta R.T. -0.03 min
Lab File: VF061025.D
Acq: 14 Dec 2018 17:39

Tgt Ion:152 Resp: 95336
Ion Ratio Lower Upper
152 100
115 64.2 30.1 90.5
150 155.9 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

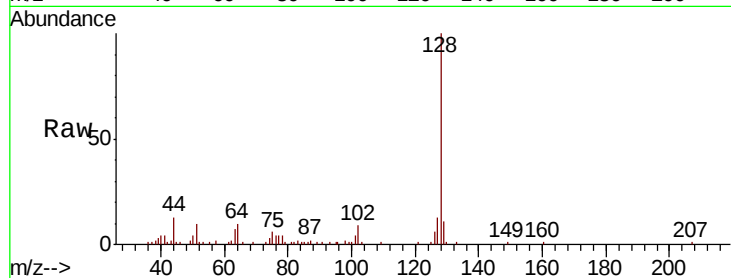




#95
Naphthalene
Concen: 4.453 ug/l
RT: 14.45 min Scan# 1401
Delta R.T. -0.03 min
Lab File: VF061025.D
Acq: 14 Dec 2018 17:39

Instrument :
MSVOA_F
ClientSampleId :
TP-4-BRE

Tgt Ion:128 Resp: 30827
Ion Ratio Lower Upper
128 100
127 12.7 9.9 14.9
129 11.4 9.1 13.7



Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V

