

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF112718\
 Data File : VF060843.D
 Acq On : 27 Nov 2018 17:25
 Operator : VA/AP
 Sample : J6074-07RE
 Misc : 6.67g/5mL/MSVOA-F/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 004-WC-NY4RE

Quant Time: Nov 28 03:42:11 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	4.90	168	20335	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.63	114	27870	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.80	117	16378	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.58	152	3327	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.87	65	5165	21.56	ug/l	0.00
Spiked Amount 50.000			Recovery	=	43.12%	
35) Dibromofluoromethane	4.15	113	8615	38.96	ug/l	0.00
Spiked Amount 50.000			Recovery	=	77.92%	
50) Toluene-d8	7.59	98	23317	35.80	ug/l	0.00
Spiked Amount 50.000			Recovery	=	71.60%	
62) 4-Bromofluorobenzene	11.44	95	5586	18.87	ug/l	0.00
Spiked Amount 50.000			Recovery	=	37.74%	

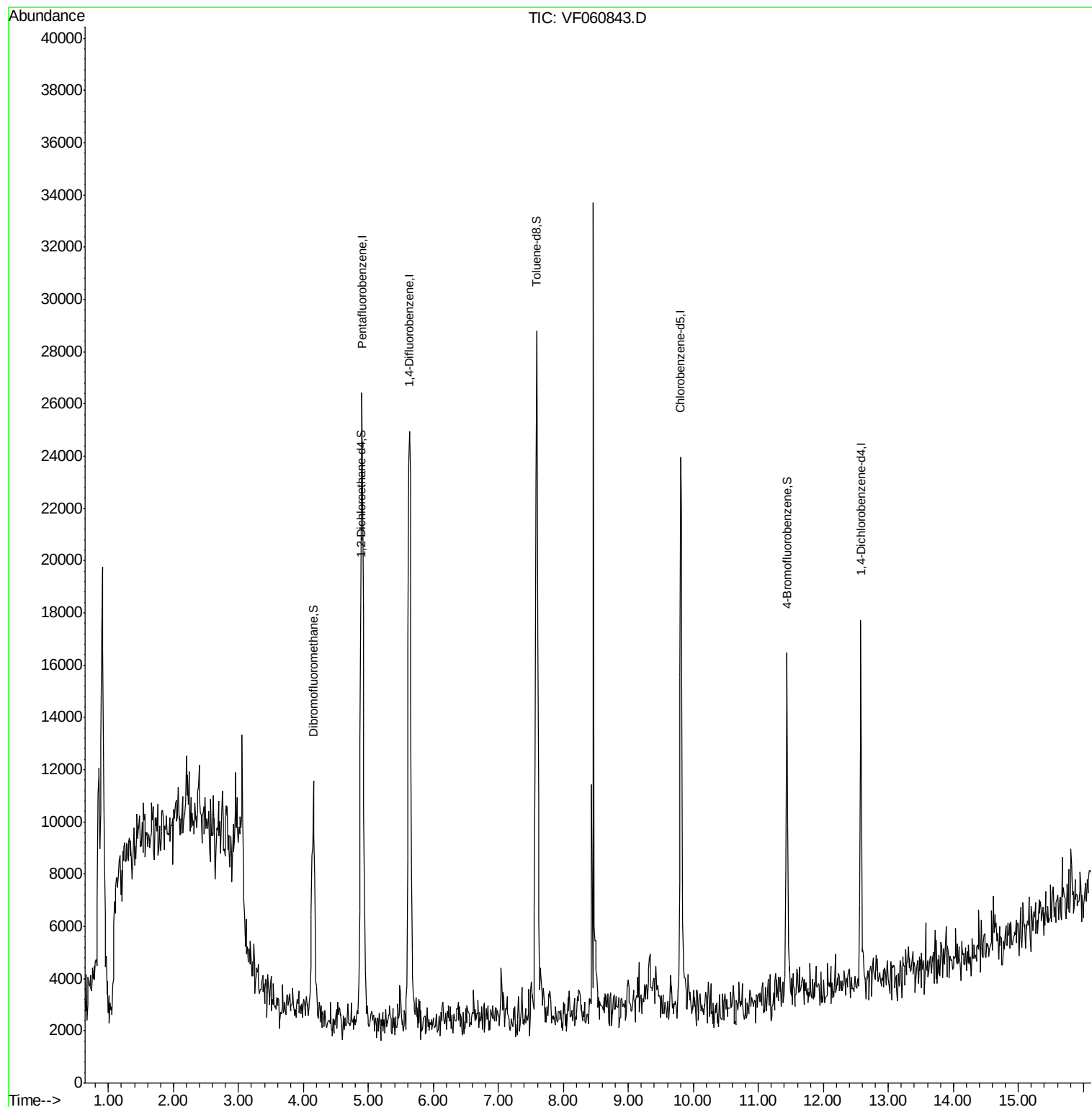
Target Compounds	Qvalue
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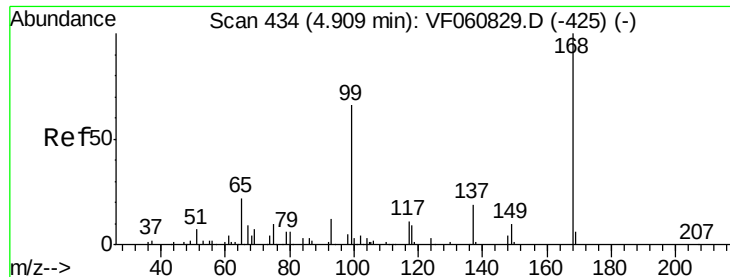
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 4.90 min Scan# 433

Delta R.T. -0.01 min

Lab File: VF060843.D

Acq: 27 Nov 2018 17:25

Instrument :

MSVOA_F

ClientSampleId :

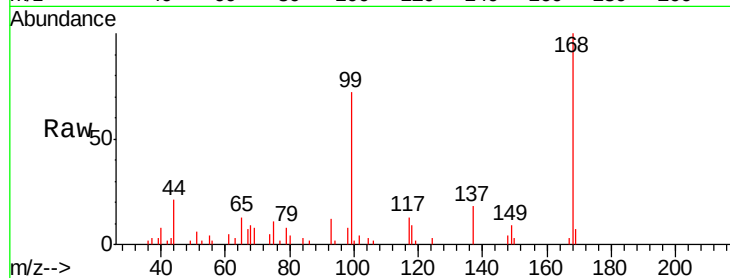
004-WC-NY4RE

Tgt Ion:168 Resp: 20335

Ion Ratio Lower Upper

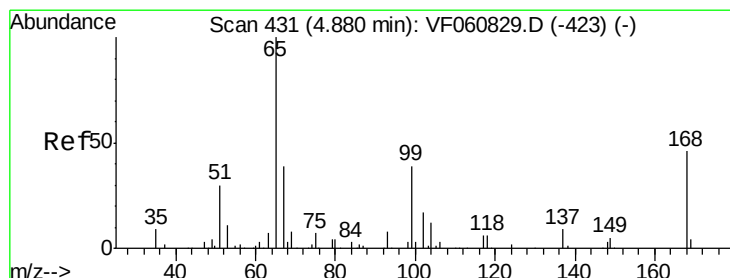
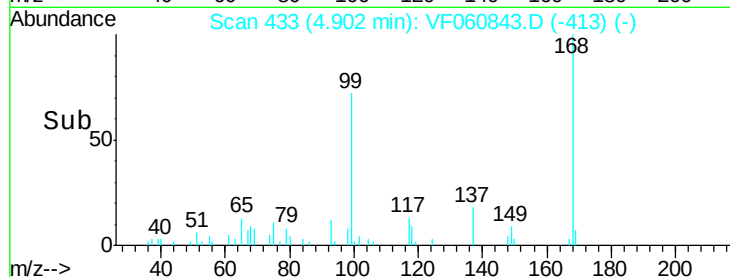
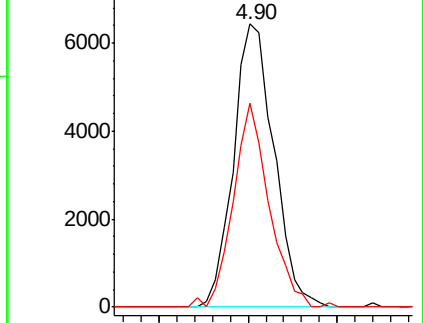
168 100

99 72.0 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: 21.56 ug/l

RT: 4.87 min Scan# 430

Delta R.T. -0.01 min

Lab File: VF060843.D

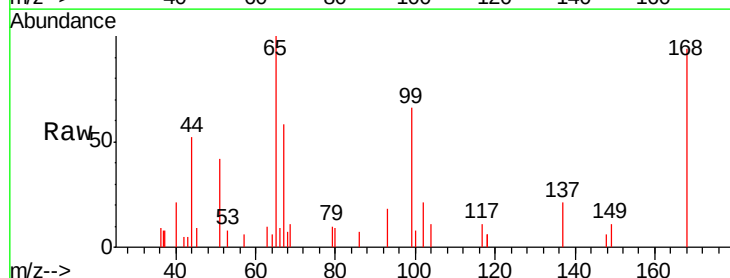
Acq: 27 Nov 2018 17:25

Tgt Ion: 65 Resp: 5165

Ion Ratio Lower Upper

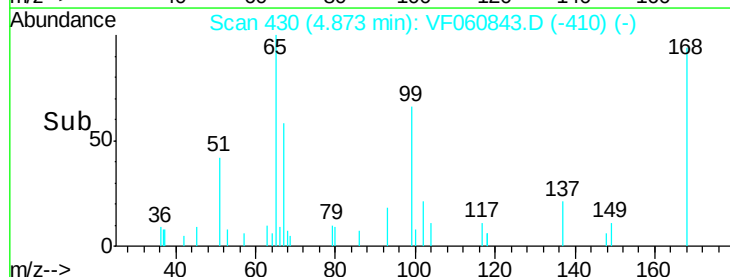
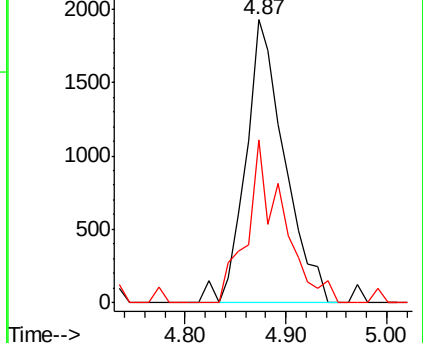
65 100

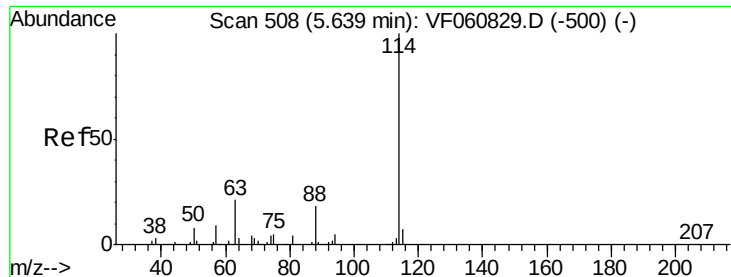
67 57.8 0.0 96.4



Abundance Ion 65.00 (64.70 to 65.70): VF0

Ion 67.00 (66.70 to 67.70): VF0





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 5.63 min Scan# 507

Delta R.T. -0.01 min

Lab File: VF060843.D

Acq: 27 Nov 2018 17:25

Instrument :

MSVOA_F

ClientSampleId :

004-WC-NY4RE

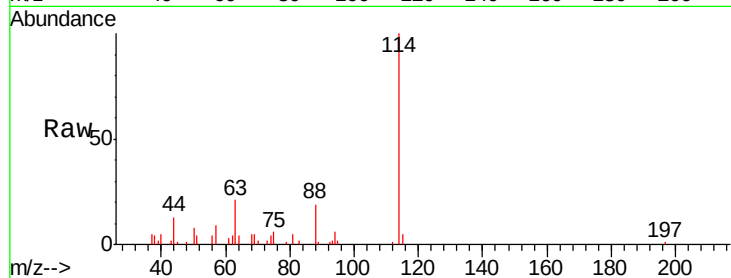
Tgt Ion:114 Resp: 27870

Ion Ratio Lower Upper

114 100

63 20.7 0.0 41.6

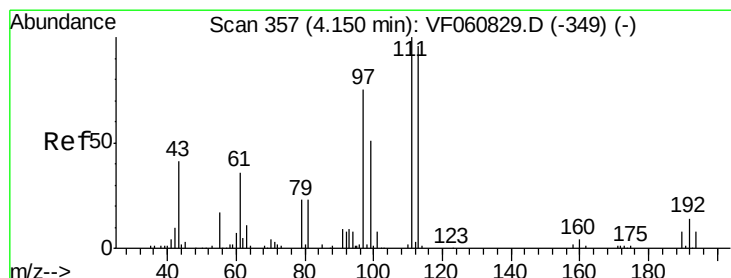
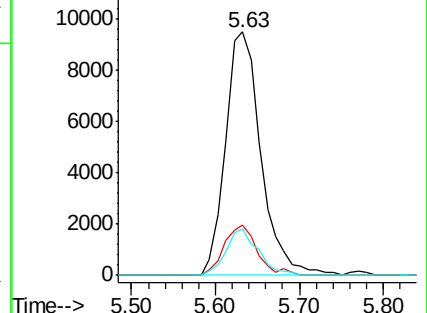
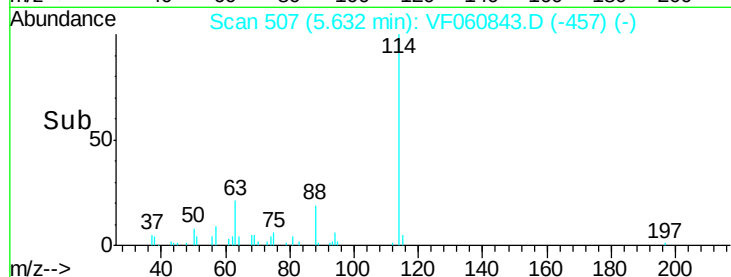
88 19.1 0.0 36.6



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: 38.96 ug/l

RT: 4.15 min Scan# 357

Delta R.T. 0.00 min

Lab File: VF060843.D

Acq: 27 Nov 2018 17:25

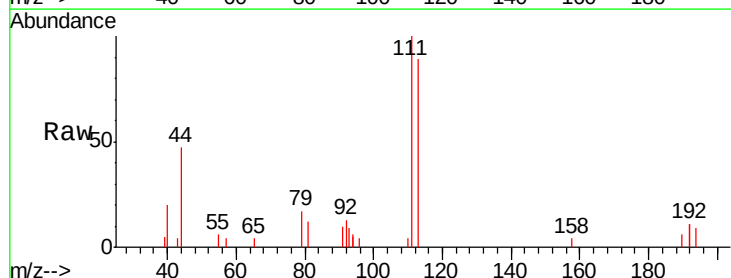
Tgt Ion:113 Resp: 8615

Ion Ratio Lower Upper

113 100

111 111.7 83.0 124.6

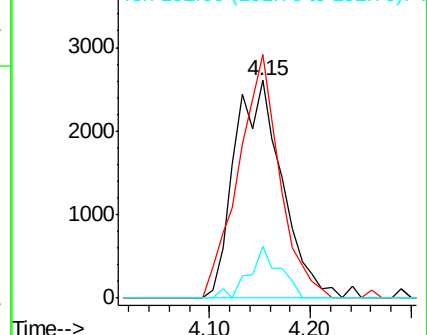
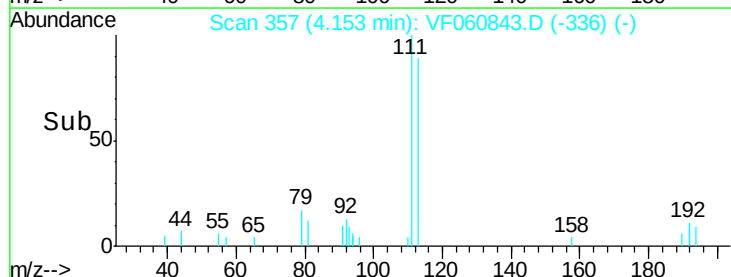
192 23.7 12.3 18.5#

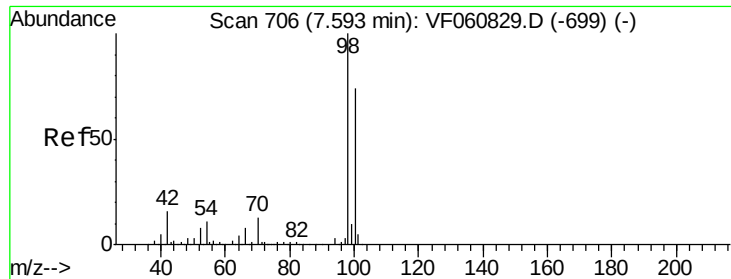


Abundance Ion 113.00 (112.70 to 113.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 192.00 (191.70 to 192.70): V

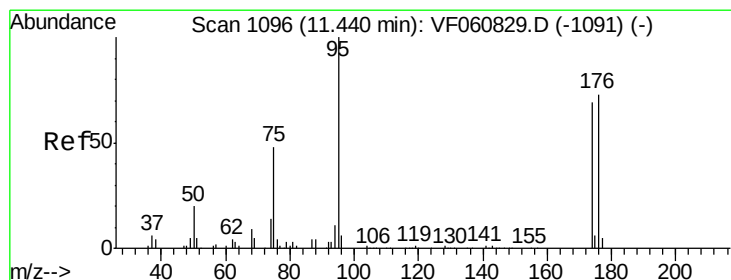
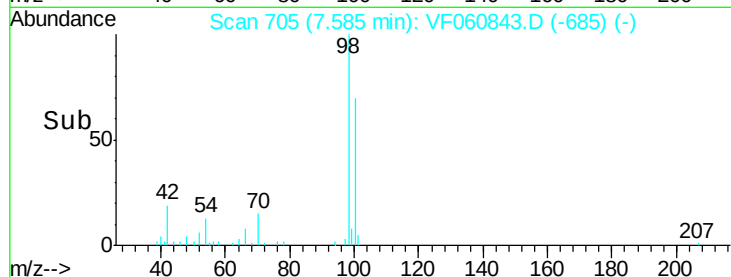
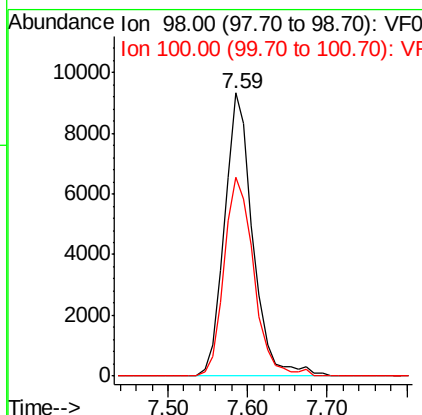
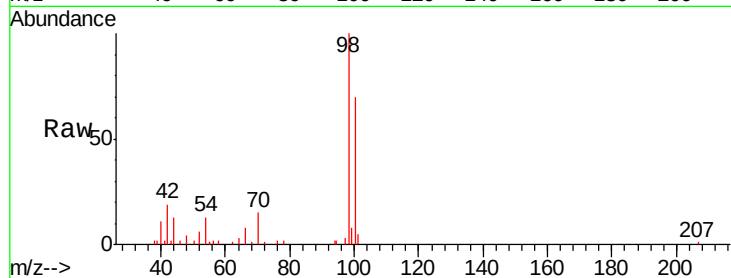




#50
Toluene-d8
Concen: 35.80 ug/l
RT: 7.59 min Scan# 705
Delta R.T. -0.01 min
Lab File: VF060843.D
Acq: 27 Nov 2018 17:25

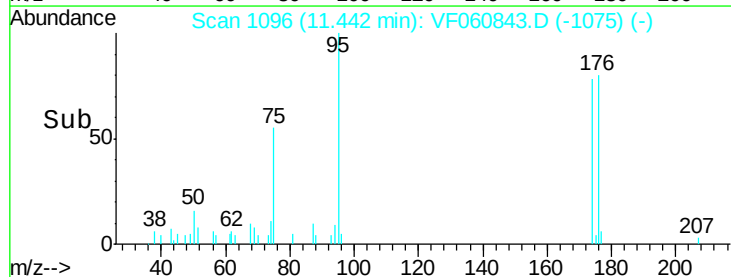
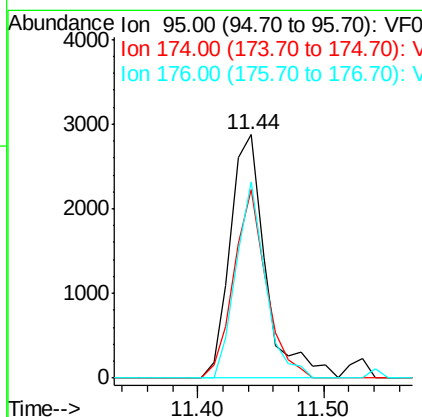
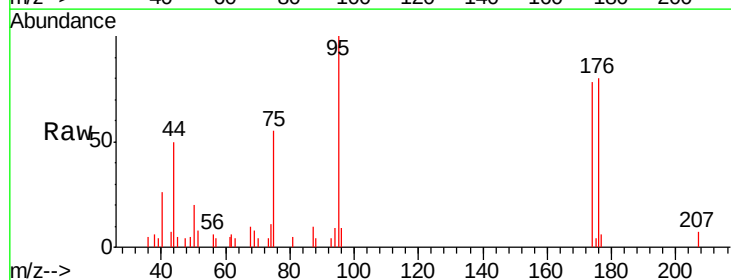
Instrument :
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ClientSampleId :
004-WC-NY4RE

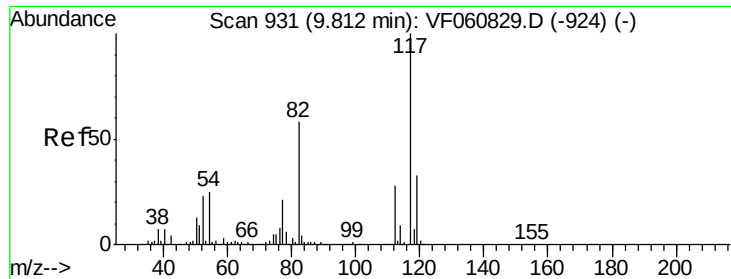
Tgt Ion: 98 Resp: 23317
Ion Ratio Lower Upper
98 100
100 70.4 59.3 88.9



#62
4-Bromofluorobenzene
Concen: 18.87 ug/l
RT: 11.44 min Scan# 1096
Delta R.T. 0.00 min
Lab File: VF060843.D
Acq: 27 Nov 2018 17:25

Tgt Ion: 95 Resp: 5586
Ion Ratio Lower Upper
95 100
174 77.5 0.0 138.2
176 80.5 0.0 146.2

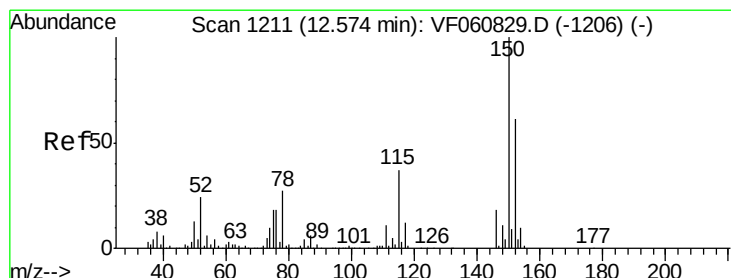
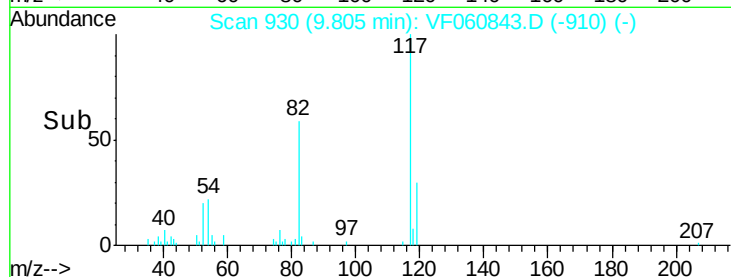
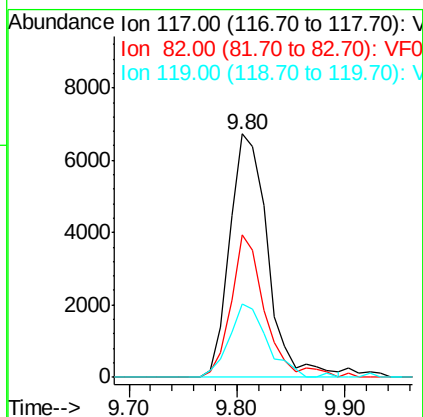
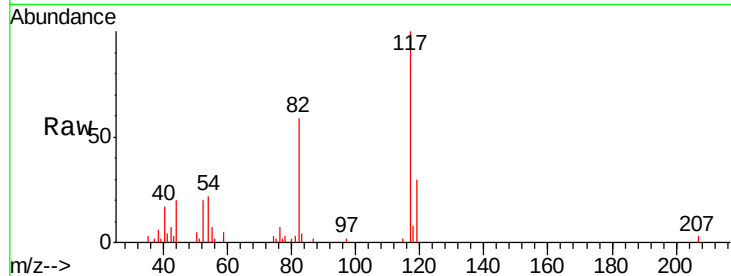




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.80 min Scan# 930
Delta R.T. -0.01 min
Lab File: VF060843.D
Acq: 27 Nov 2018 17:25

Instrument :
MSVOA_F
ClientSampleId :
004-WC-NY4RE

Tgt Ion:117 Resp: 16378
Ion Ratio Lower Upper
117 100
82 58.8 46.6 69.8
119 30.0 26.4 39.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.58 min Scan# 1211
Delta R.T. 0.00 min
Lab File: VF060843.D
Acq: 27 Nov 2018 17:25

Tgt Ion:152 Resp: 3327
Ion Ratio Lower Upper
152 100
115 53.9 30.1 90.5
150 166.0 0.0 327.6

