

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF112718\
 Data File : VF060845.D
 Acq On : 27 Nov 2018 18:22
 Operator : VA/AP
 Sample : J6083-03RE
 Misc : 5.29g/5mL/MSVOA-F/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 WC-2RE

Quant Time: Nov 28 03:45:07 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	190615	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	5.63	114	335610	50.00	ug/l	-0.01
63) Chlorobenzene-d5	9.81	117	313324	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.57	152	170363	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.88	65	130540	58.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	116.26%	
35) Dibromofluoromethane	4.15	113	46710	17.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	35.08%	
50) Toluene-d8	7.58	98	360686	45.99	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	91.98%	
62) 4-Bromofluorobenzene	11.44	95	179114	50.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.50%	

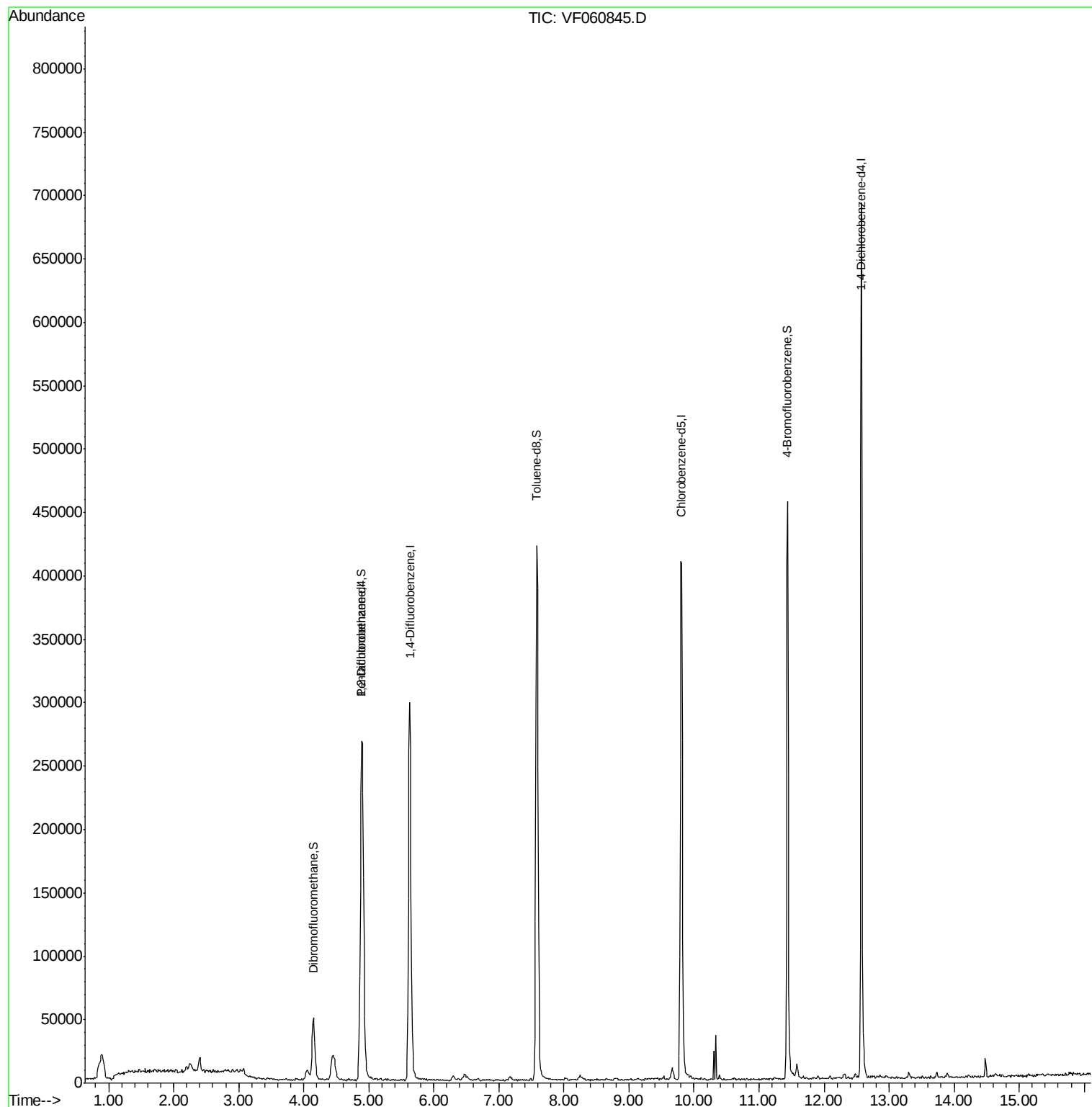
Target Compounds	Qvalue

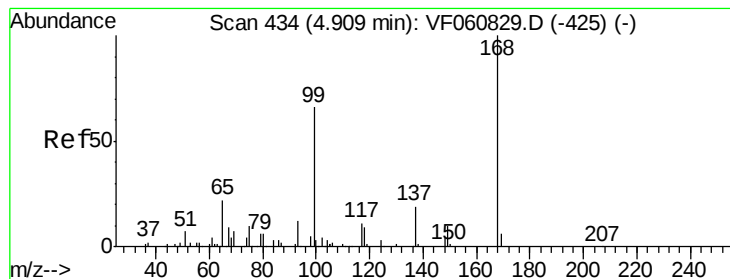
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VF060845.D

Acq: 27 Nov 2018 18:22

Instrument :

MSVOA_F

ClientSampleId :

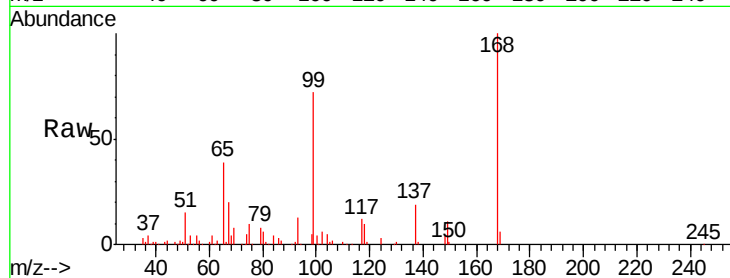
WC-2RE

Tgt Ion:168 Resp: 190615

Ion Ratio Lower Upper

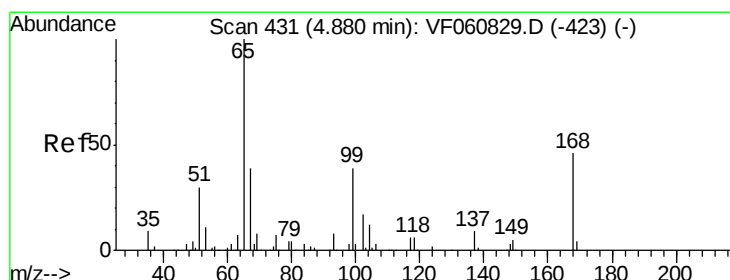
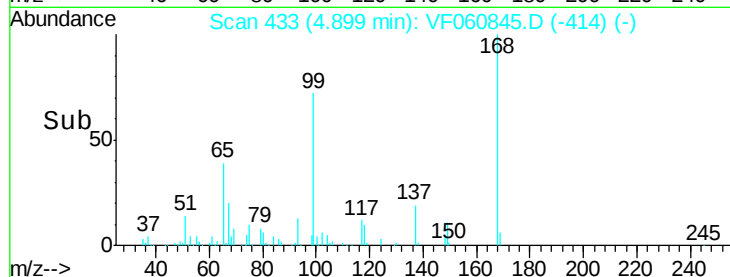
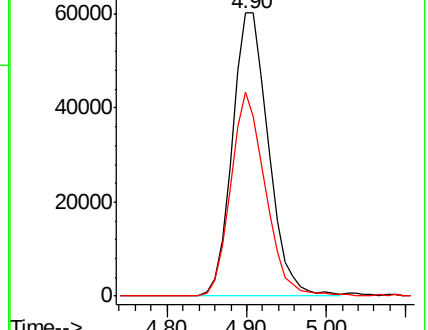
168 100

99 72.1 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: 58.13 ug/l

RT: 4.88 min Scan# 431

Delta R.T. -0.00 min

Lab File: VF060845.D

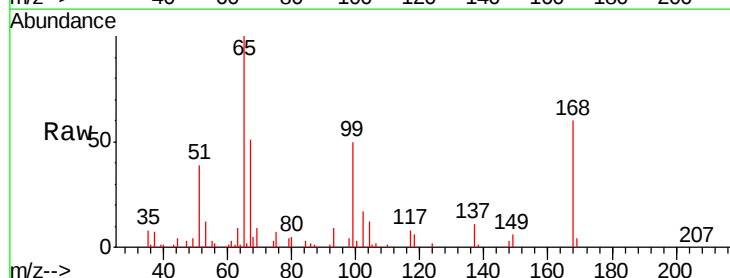
Acq: 27 Nov 2018 18:22

Tgt Ion: 65 Resp: 130540

Ion Ratio Lower Upper

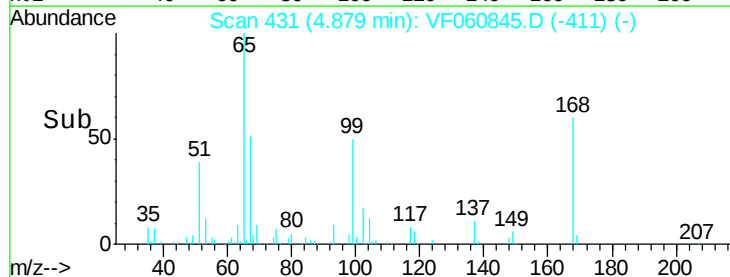
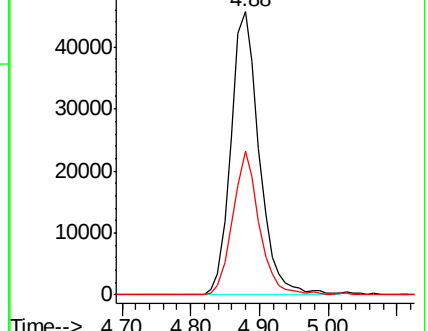
65 100

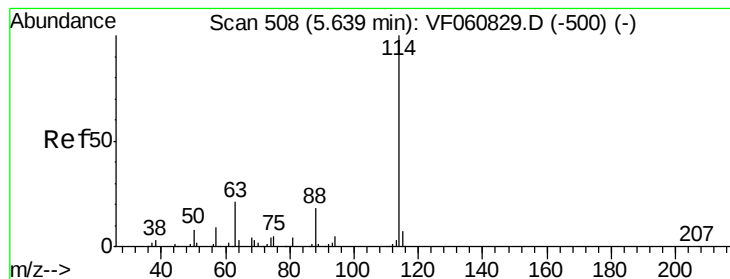
67 50.9 0.0 96.4



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: VF060845.D

Acq: 27 Nov 2018 18:22

Instrument :

MSVOA_F

ClientSampleId :

WC-2RE

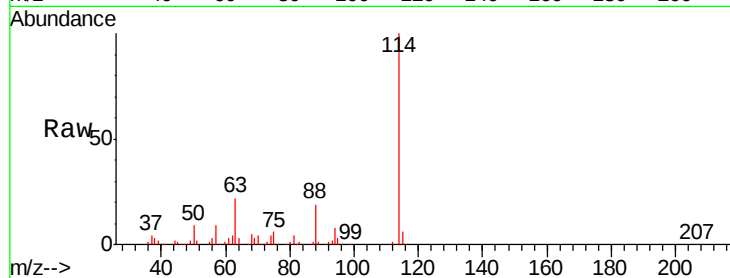
Tgt Ion:114 Resp: 335610

Ion Ratio Lower Upper

114 100

63 21.9 0.0 41.6

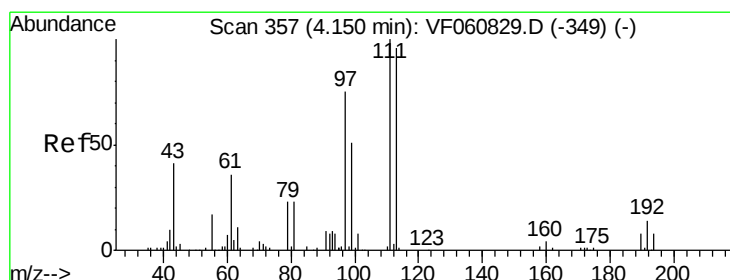
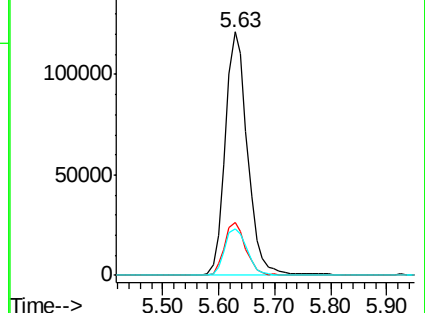
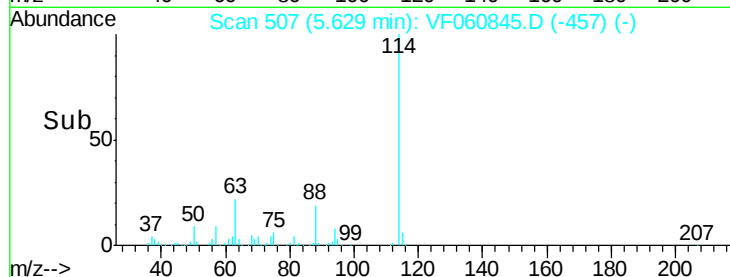
88 19.1 0.0 36.6



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: 17.54 ug/l

RT: 4.15 min Scan# 357

Delta R.T. -0.00 min

Lab File: VF060845.D

Acq: 27 Nov 2018 18:22

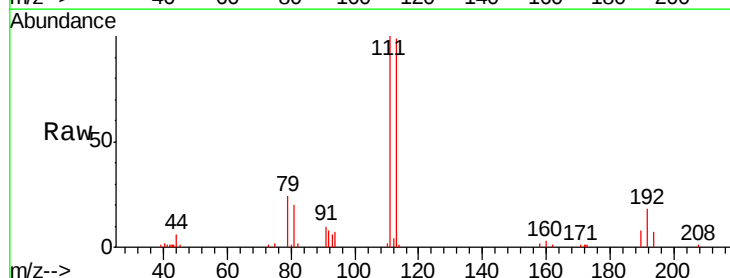
Tgt Ion:113 Resp: 46710

Ion Ratio Lower Upper

113 100

111 100.7 83.0 124.6

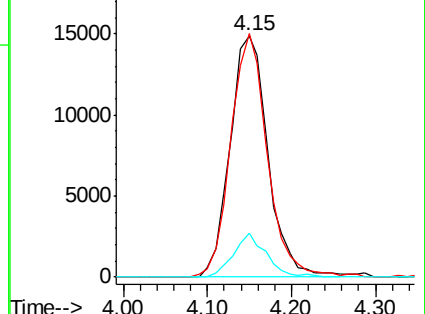
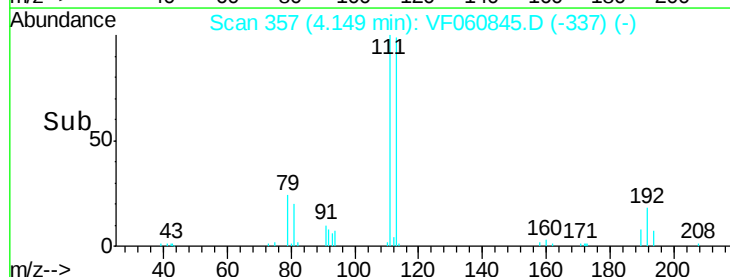
192 18.0 12.3 18.5

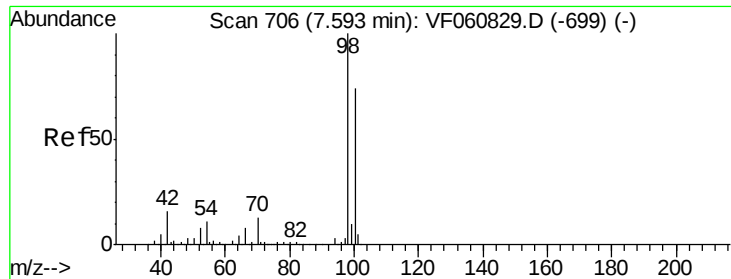


Abundance Ion 113.00 (112.70 to 113.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 192.00 (191.70 to 192.70): V

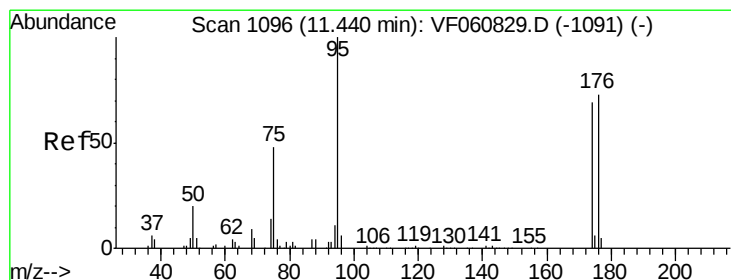
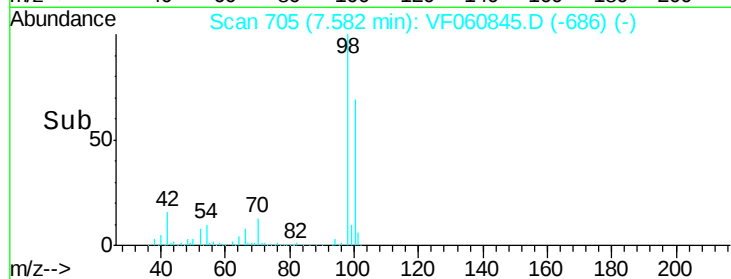
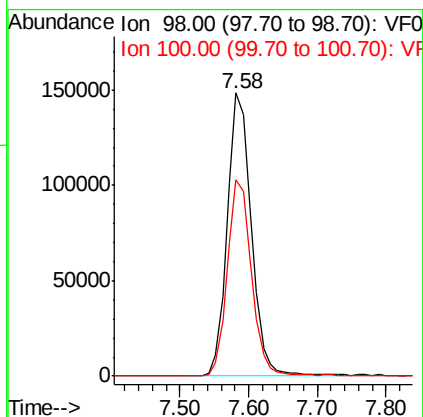
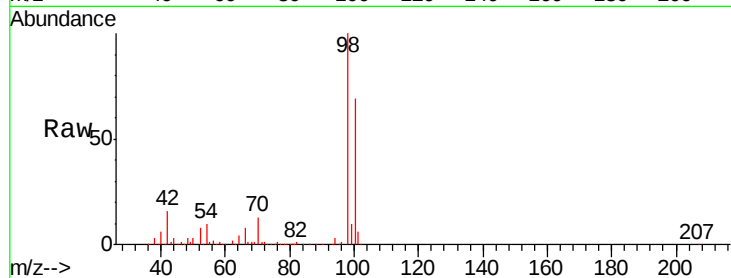




#50
Toluene-d8
Concen: 45.99 ug/l
RT: 7.58 min Scan# 705
Delta R.T. -0.01 min
Lab File: VF060845.D
Acq: 27 Nov 2018 18:22

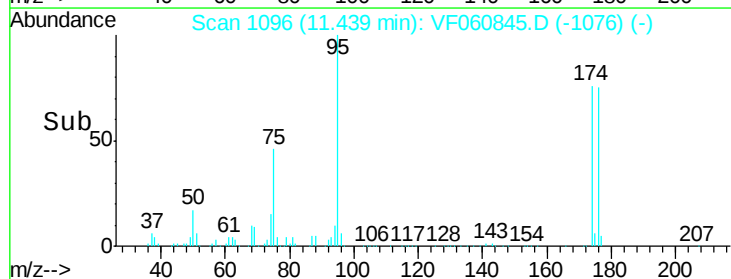
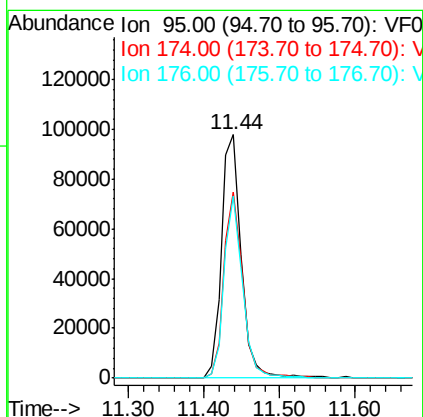
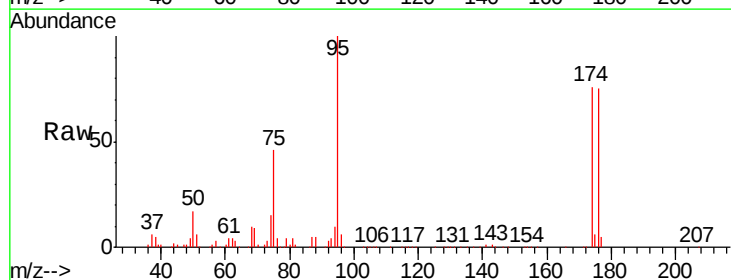
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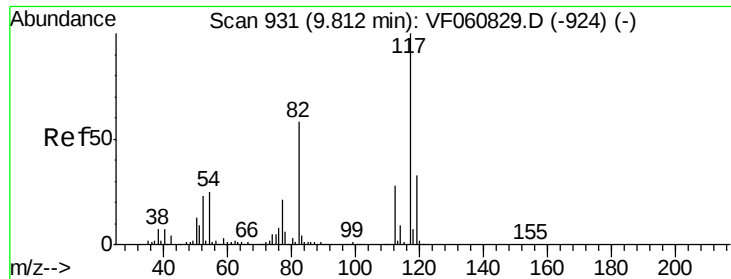
Tgt Ion: 98 Resp: 360686
Ion Ratio Lower Upper
98 100
100 69.5 59.3 88.9



#62
4-Bromofluorobenzene
Concen: 50.25 ug/l
RT: 11.44 min Scan# 1096
Delta R.T. -0.00 min
Lab File: VF060845.D
Acq: 27 Nov 2018 18:22

Tgt Ion: 95 Resp: 179114
Ion Ratio Lower Upper
95 100
174 76.4 0.0 138.2
176 75.0 0.0 146.2

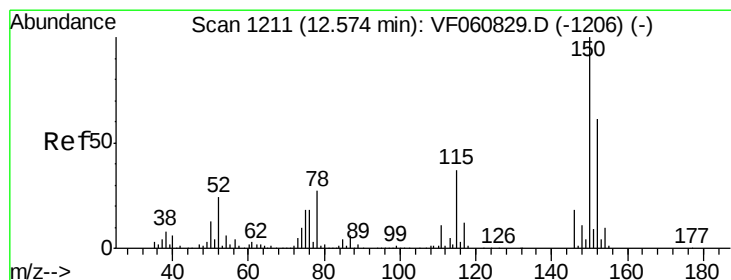
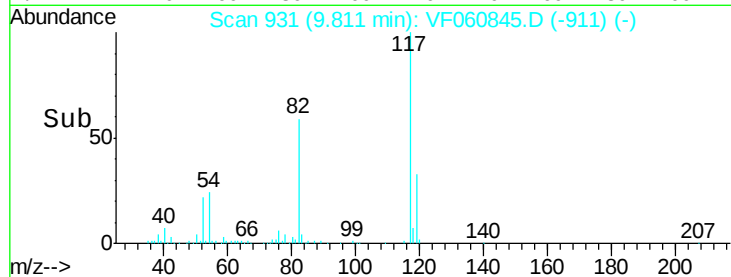
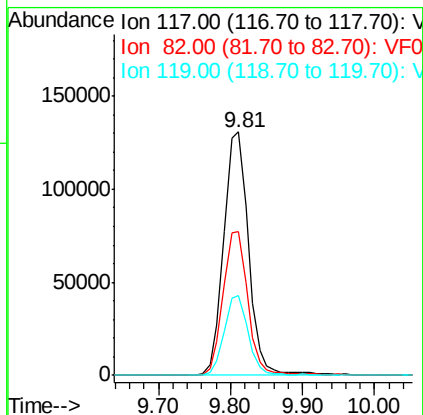
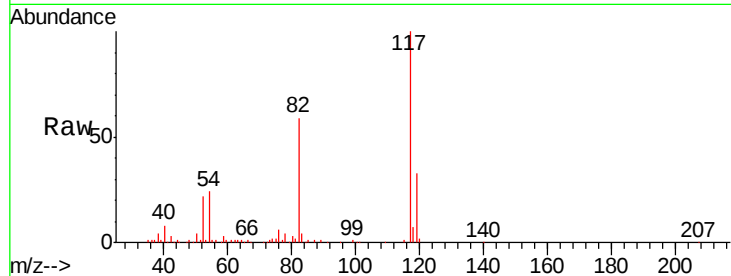




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.81 min Scan# 931
Delta R.T. -0.00 min
Lab File: VF060845.D
Acq: 27 Nov 2018 18:22

Instrument :
MSVOA_F
ClientSampleId :
WC-2RE

Tgt Ion:117 Resp: 313324
Ion Ratio Lower Upper
117 100
82 59.1 46.6 69.8
119 33.0 26.4 39.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.57 min Scan# 1211
Delta R.T. -0.00 min
Lab File: VF060845.D
Acq: 27 Nov 2018 18:22

Tgt Ion:152 Resp: 170363
Ion Ratio Lower Upper
152 100
115 60.4 30.1 90.5
150 155.5 0.0 327.6

