

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF110718\
 Data File : VF060633.D
 Acq On : 7 Nov 2018 17:14
 Operator : VA/AP
 Sample : J5769-06RE
 Misc : 5.79g/5mL/MSVOA-F/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 WAGARAW-RD-3RE

Quant Time: Nov 07 17:04:52 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F110218S.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 03 05:29:31 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.87	168	291620	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.60	114	493994	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.78	117	397520	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.55	152	178338	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.84	65	114769	38.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	77.90%	
35) Dibromofluoromethane	4.12	113	138046	36.17	ug/l	0.01
Spiked Amount	50.000		Recovery	=	72.34%	
50) Toluene-d8	7.56	98	344096	30.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	60.88%	
62) 4-Bromofluorobenzene	11.42	95	149632	30.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	60.52%	

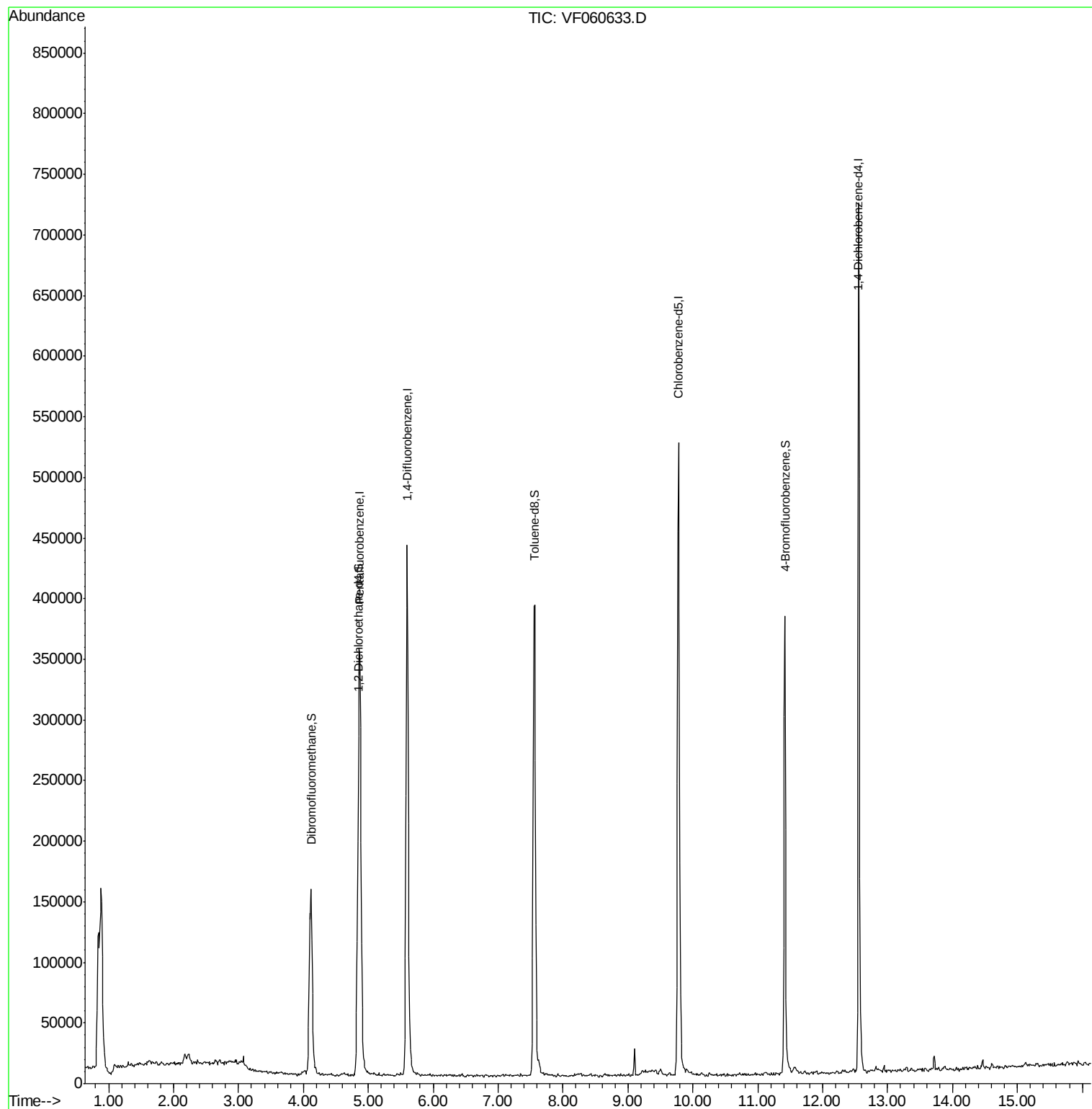
Target Compounds	Qvalue

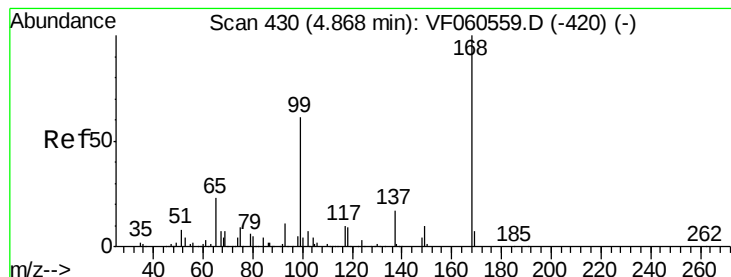
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF110718\
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Quant Title : SW846 8260
QLast Update : Sat Nov 03 05:29:31 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.87 min Scan# 430

Delta R.T. 0.00 min

Lab File: VF060633.D

Acq: 7 Nov 2018 17:14

Instrument :

MSVOA_F

ClientSampleId :

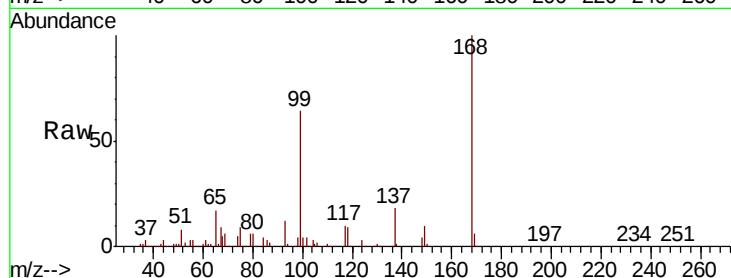
WAGARAW-RD-3RE

Tot Ion:168 Resp: 291620

Ion Ratio Lower Upper

168 100

99 64.2 48.6 72.8



Abundance Ion 168.00 (167.70 to 168.70): V

Ion 99.00 (98.70 to 99.70): VF0

4.87

100000

80000

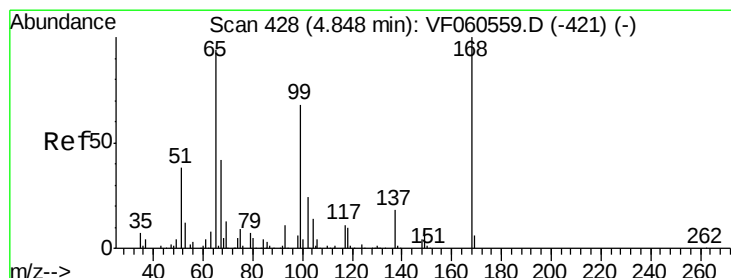
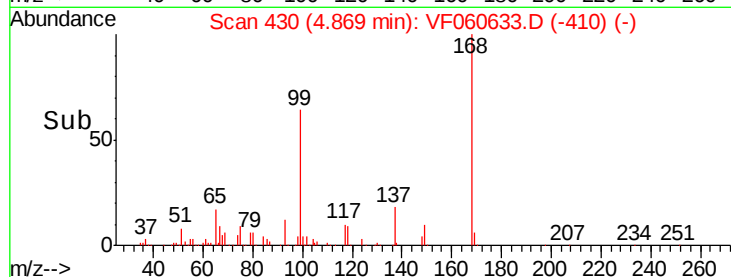
60000

40000

20000

0

Time--> 4.70 4.80 4.90 5.00



#33

1,2-Dichloroethane-d4

Concen: 38.952 ug/l

RT: 4.84 min Scan# 427

Delta R.T. -0.01 min

Lab File: VF060633.D

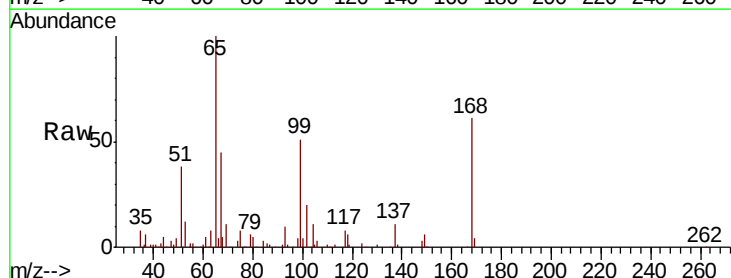
Acq: 7 Nov 2018 17:14

Tgt Ion: 65 Resp: 114769

Ion Ratio Lower Upper

65 100

67 44.9 0.0 101.8



Abundance Ion 65.00 (64.70 to 65.70): VF0

Ion 67.00 (66.70 to 67.70): VF0

4.84

40000

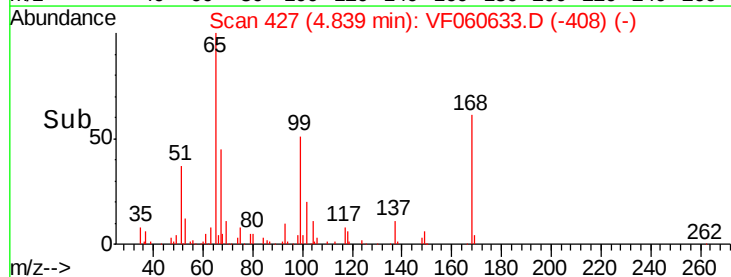
30000

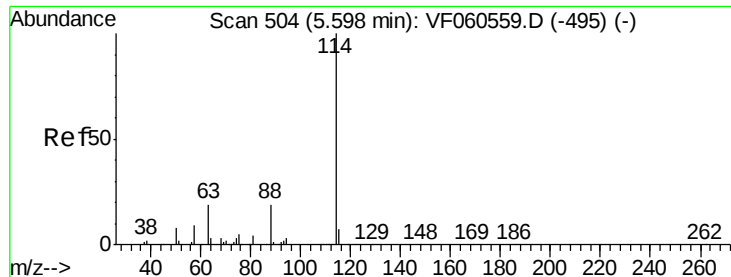
20000

10000

0

Time--> 4.70 4.80 4.90 5.00





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.60 min Scan# 504

Delta R.T. 0.00 min

Lab File: VF060633.D

Acq: 7 Nov 2018 17:14

Instrument :

MSVOA_F

ClientSampleId :

WAGARAW-RD-3RE

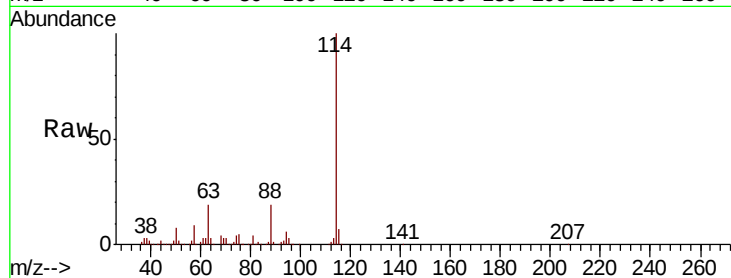
Tot Ion:114 Resp: 493994

Ion Ratio Lower Upper

114 100

63 19.3 0.0 39.0

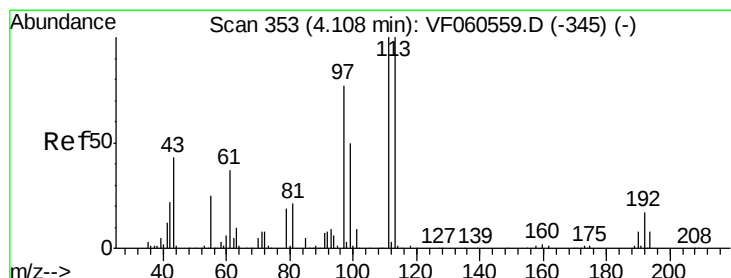
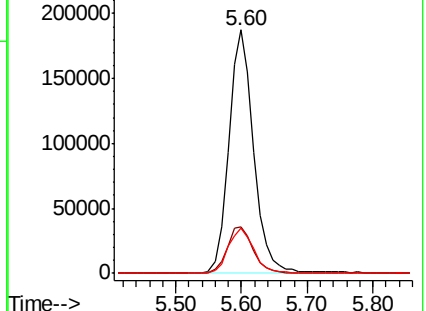
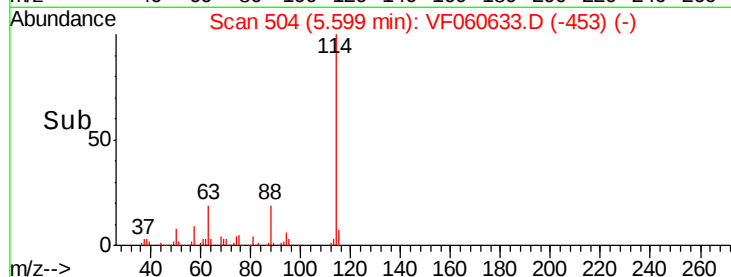
88 18.6 0.0 38.2



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: 36.170 ug/l

RT: 4.12 min Scan# 354

Delta R.T. 0.01 min

Lab File: VF060633.D

Acq: 7 Nov 2018 17:14

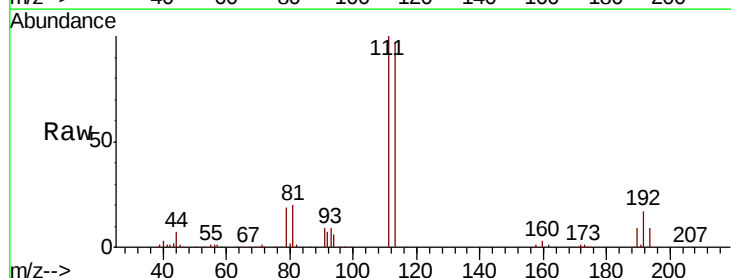
Tgt Ion:113 Resp: 138046

Ion Ratio Lower Upper

113 100

111 102.8 79.9 119.9

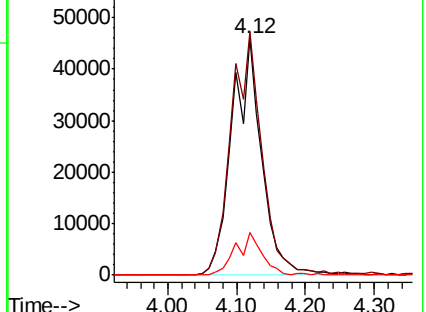
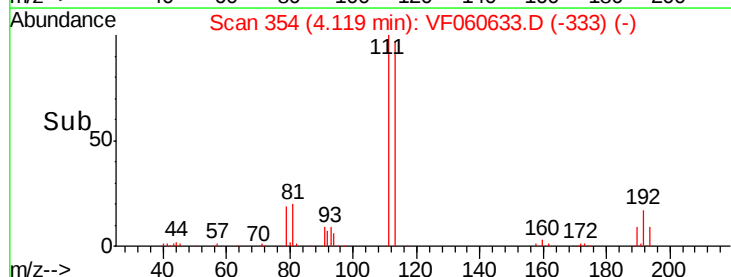
192 17.9 13.3 19.9



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

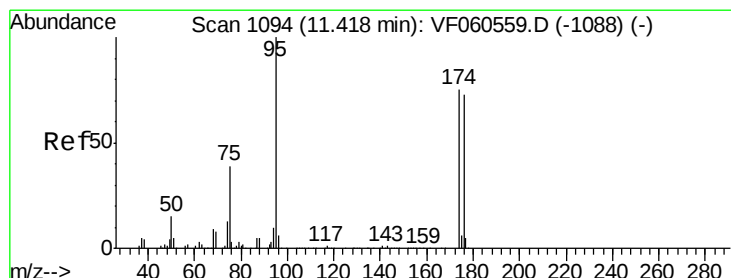
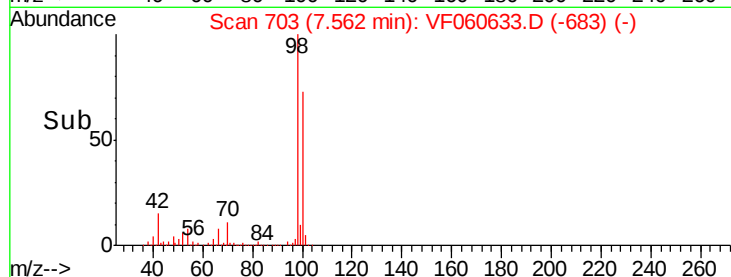
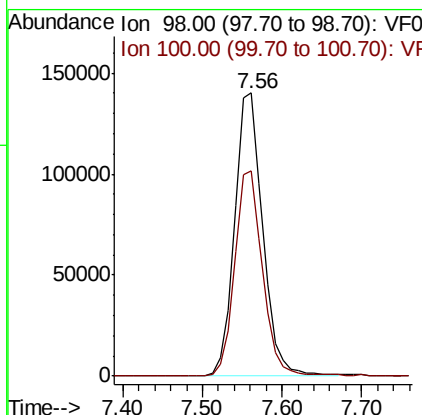
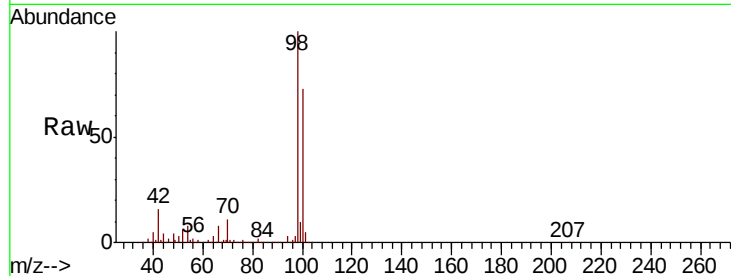




#50
Toluene-d8
Concen: 30.435 ug/l
RT: 7.56 min Scan# 703
Delta R.T. 0.00 min
Lab File: VF060633.D
Acq: 7 Nov 2018 17:14

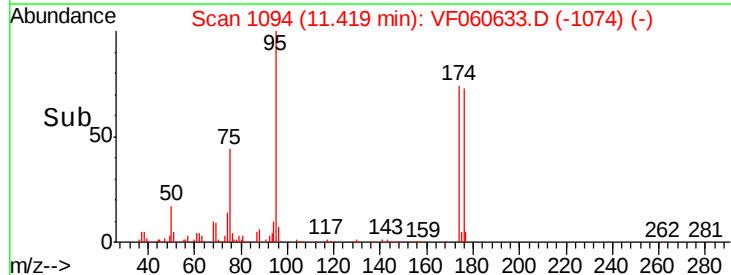
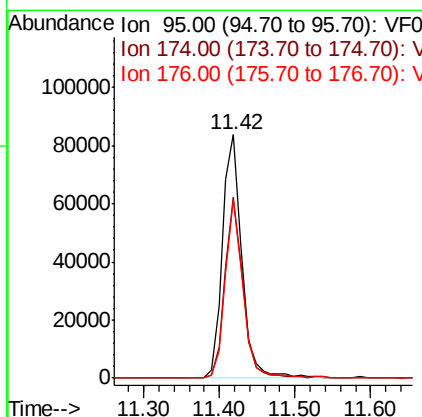
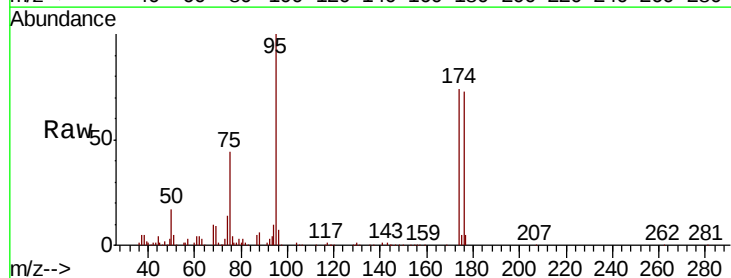
Instrument :
MSVOA_F
ClientSampleId :
WAGARAW-RD-3RE

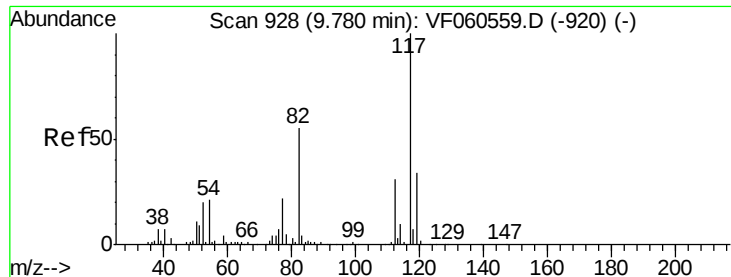
Tot Ion: 98 Resp: 344096
Ion Ratio Lower Upper
98 100
100 72.5 59.4 89.2



#62
4-Bromofluorobenzene
Concen: 30.257 ug/l
RT: 11.42 min Scan# 1094
Delta R.T. 0.00 min
Lab File: VF060633.D
Acq: 7 Nov 2018 17:14

Tgt Ion: 95 Resp: 149632
Ion Ratio Lower Upper
95 100
174 74.2 0.0 149.0
176 73.5 0.0 145.6

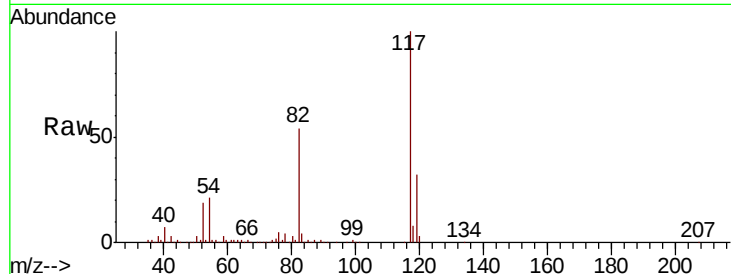




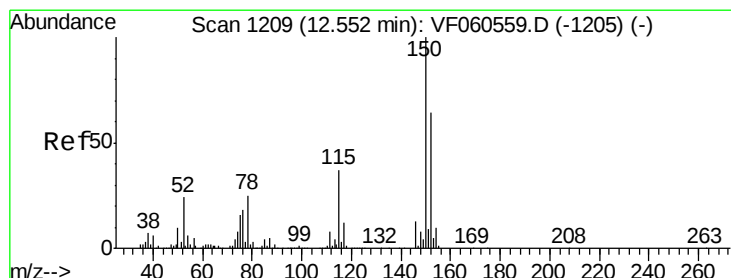
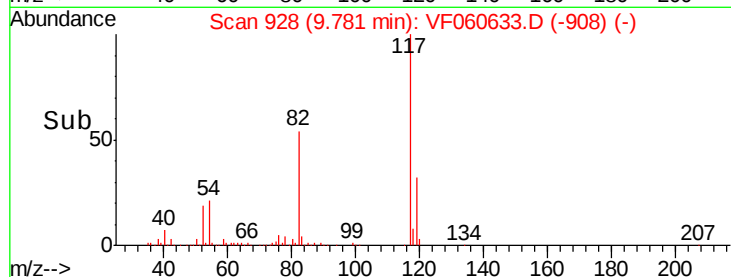
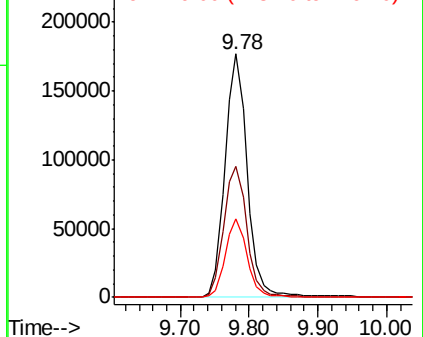
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.78 min Scan# 928
Delta R.T. 0.00 min
Lab File: VF060633.D
Acq: 7 Nov 2018 17:14

Instrument :
MSVOA_F
ClientSampleId :
WAGARAW-RD-3RE

Tot Ion	Ratio	Lower	Upper
117	100		
82	53.8	43.9	65.9
119	32.2	27.4	41.0

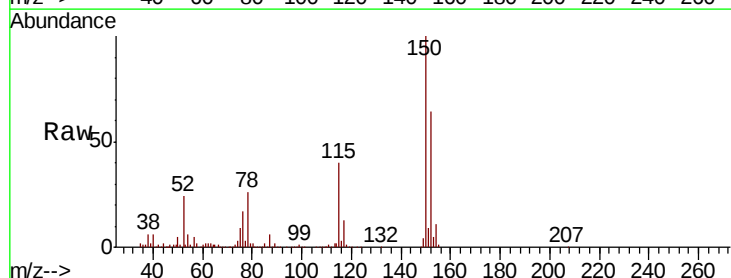


Abundance Ion 117.00 (116.70 to 117.70): V
Ion 82.00 (81.70 to 82.70): VF0
Ion 119.00 (118.70 to 119.70): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.55 min Scan# 1209
Delta R.T. 0.00 min
Lab File: VF060633.D
Acq: 7 Nov 2018 17:14

Tgt Ion	Ratio	Lower	Upper
152	100		
115	63.1	29.6	88.8
150	156.3	0.0	315.6



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

