

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF110818\
 Data File : VF060663.D
 Acq On : 8 Nov 2018 21:37
 Operator : VA/AP
 Sample : J5813-10RE
 Misc : 5.58g/5mL/MSVOA-F/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 TS-JRE

Quant Time: Nov 09 13:54:03 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	4.86	168	240787	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.59	114	427058	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.77	117	380607	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.54	152	189473	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.83	65	178821	73.50	ug/l	-0.02
Spiked Amount	50.000		Recovery	=	147.00%	
35) Dibromofluoromethane	4.10	113	219082	66.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	132.80%	
50) Toluene-d8	7.54	98	533699	54.60	ug/l	-0.02
Spiked Amount	50.000		Recovery	=	109.20%	
62) 4-Bromofluorobenzene	11.41	95	250075	58.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	116.98%	

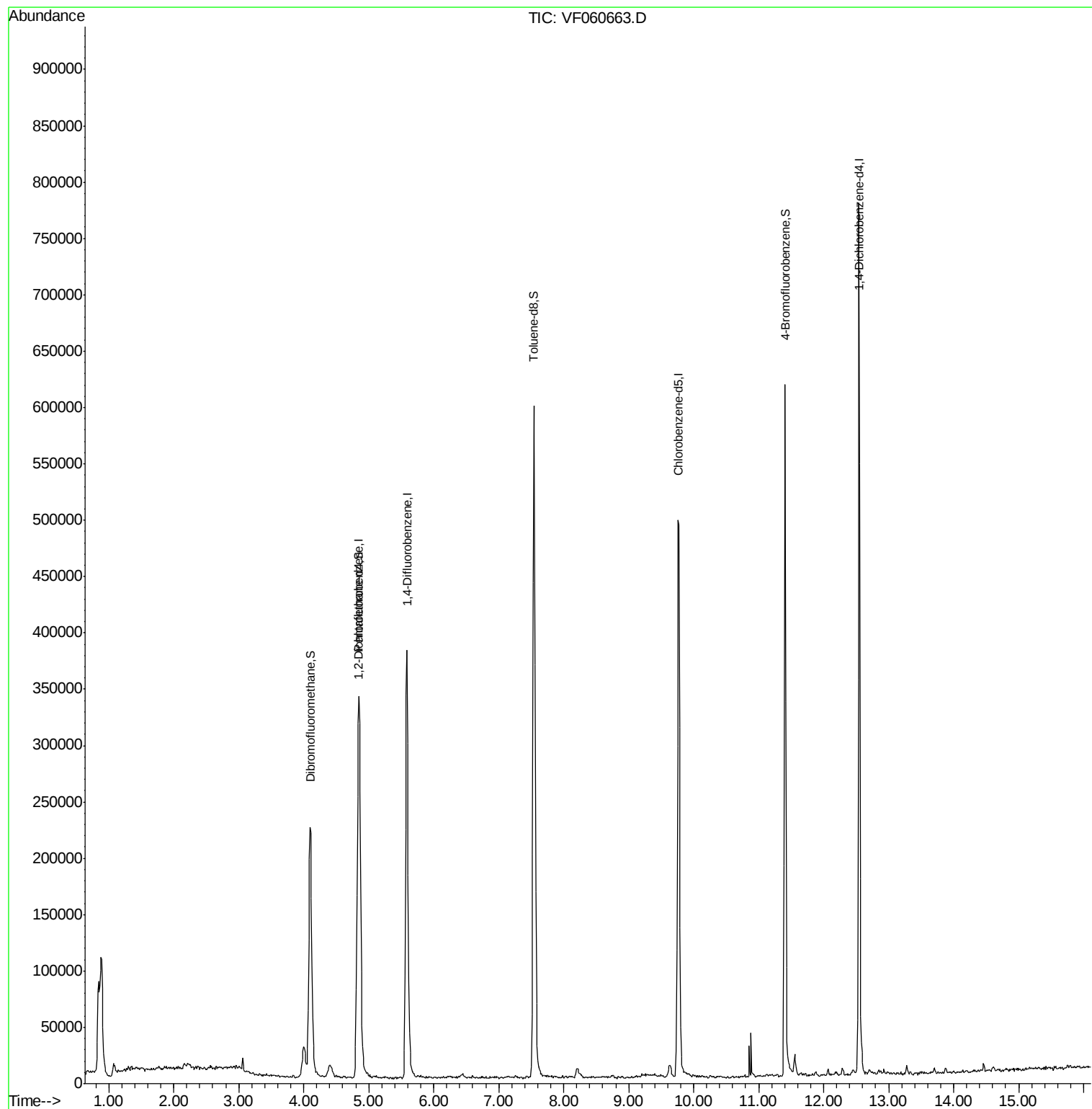
Target Compounds	Qvalue

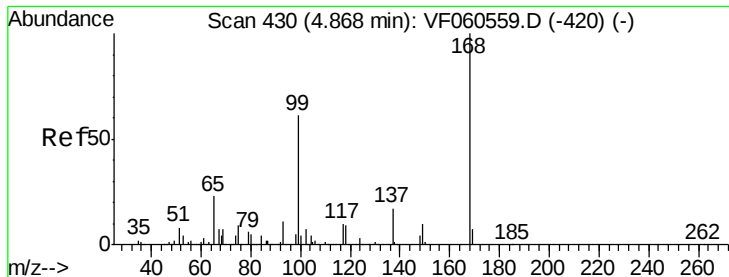
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.86 min Scan# 429

Delta R.T. -0.01 min

Lab File: VF060663.D

Acq: 8 Nov 2018 21:37

Instrument :

MSVOA_F

ClientSampleId :

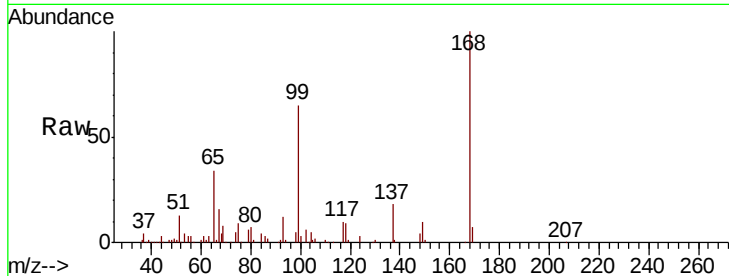
TS-JRE

Tot Ion:168 Resp: 240787

Ion Ratio Lower Upper

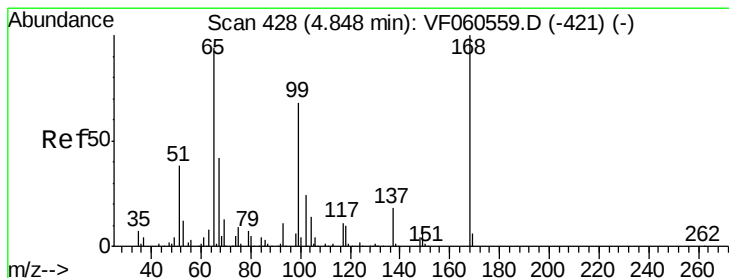
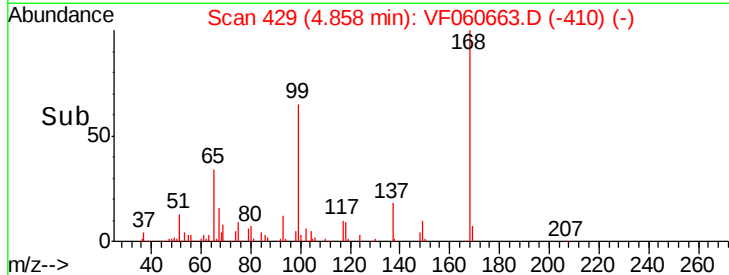
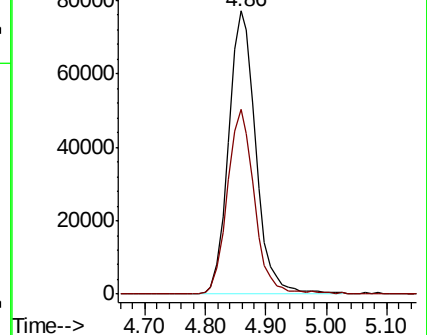
168 100

99 65.3 48.6 72.8



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: 73.503 ug/l

RT: 4.83 min Scan# 426

Delta R.T. -0.02 min

Lab File: VF060663.D

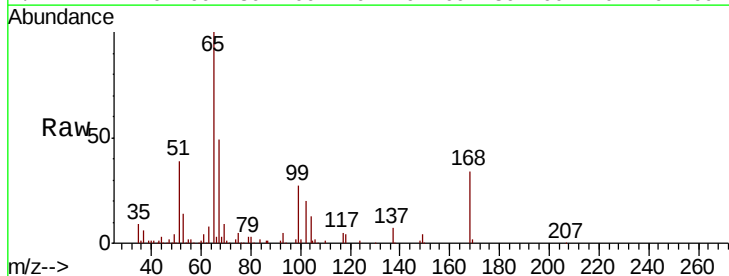
Acq: 8 Nov 2018 21:37

Tgt Ion: 65 Resp: 178821

Ion Ratio Lower Upper

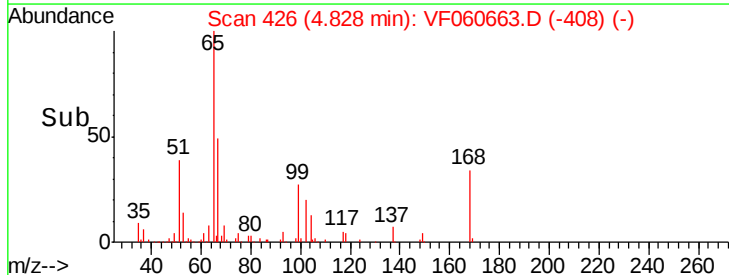
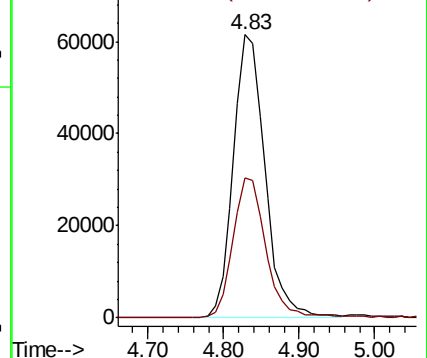
65 100

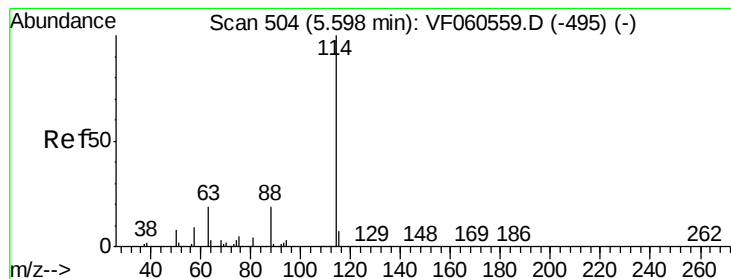
67 49.2 0.0 101.8



Abundance Ion 65.00 (64.70 to 65.70): VF0

Ion 67.00 (66.70 to 67.70): VF0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.59 min Scan# 503

Delta R.T. -0.01 min

Lab File: VF060663.D

Acq: 8 Nov 2018 21:37

Instrument :

MSVOA_F

ClientSampleId :

TS-JRE

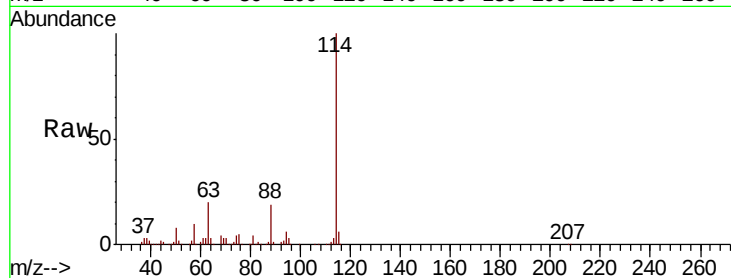
Tot Ion:114 Resp: 427058

Ion Ratio Lower Upper

114 100

63 20.5 0.0 39.0

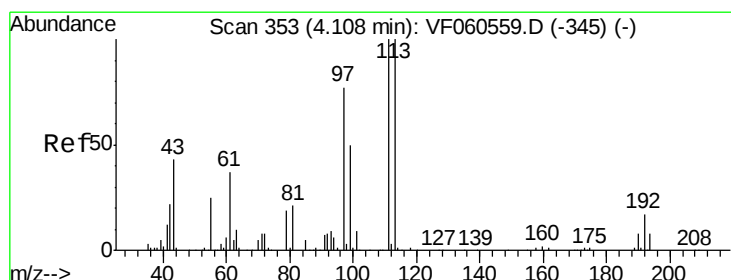
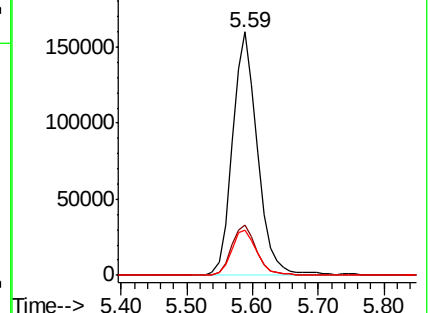
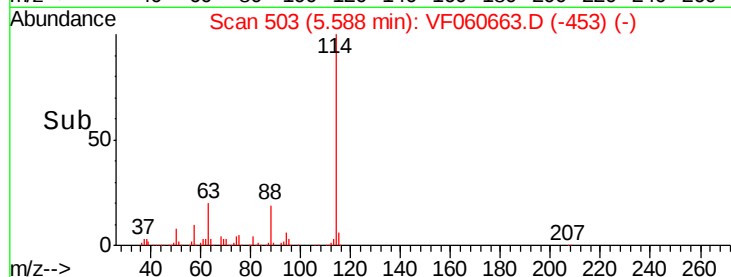
88 18.7 0.0 38.2



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: 66.400 ug/l

RT: 4.10 min Scan# 352

Delta R.T. -0.01 min

Lab File: VF060663.D

Acq: 8 Nov 2018 21:37

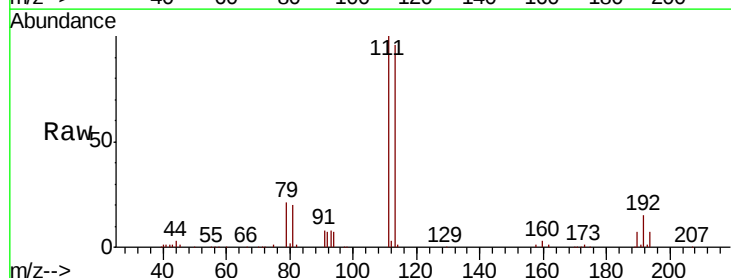
Tgt Ion:113 Resp: 219082

Ion Ratio Lower Upper

113 100

111 103.8 79.9 119.9

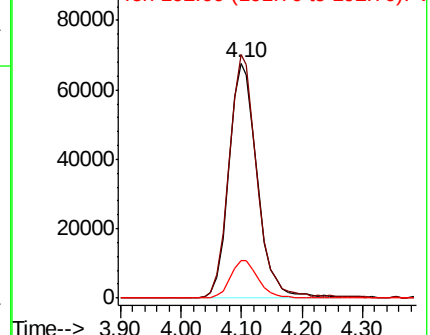
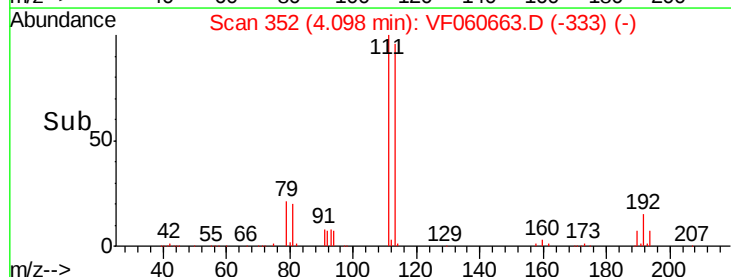
192 16.4 13.3 19.9

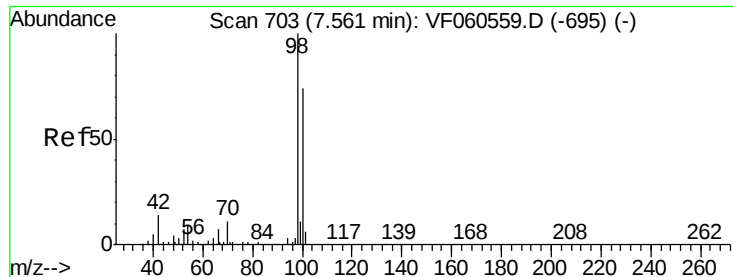


Abundance Ion 113.00 (112.70 to 113.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 192.00 (191.70 to 192.70): V

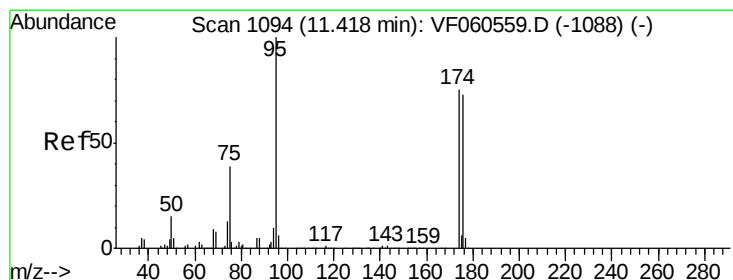
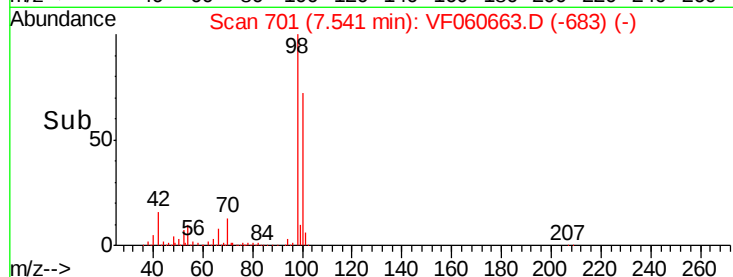
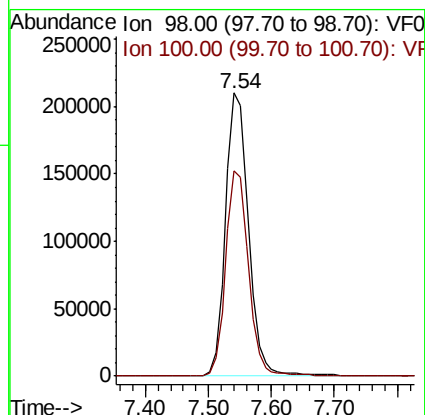
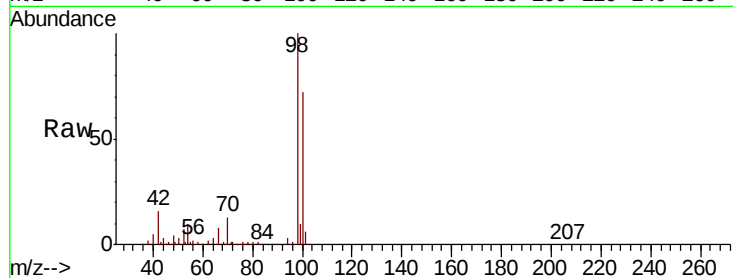




#50
Toluene-d8
Concen: 54.604 ug/l
RT: 7.54 min Scan# 701
Delta R.T. -0.02 min
Lab File: VF060663.D
Acq: 8 Nov 2018 21:37

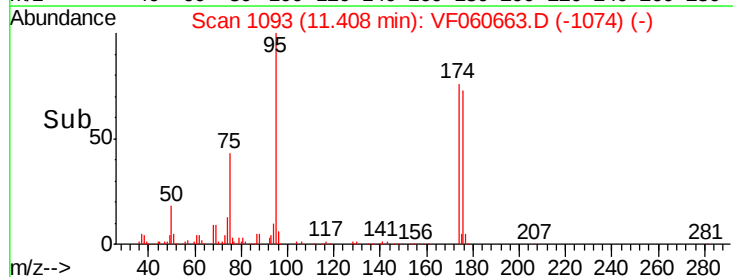
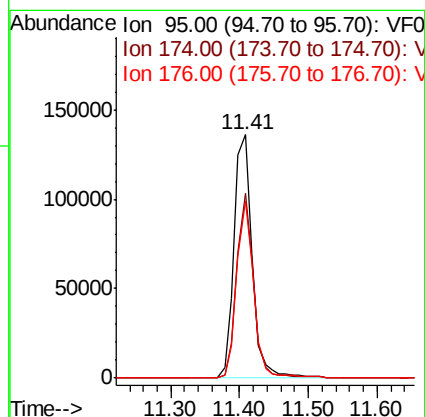
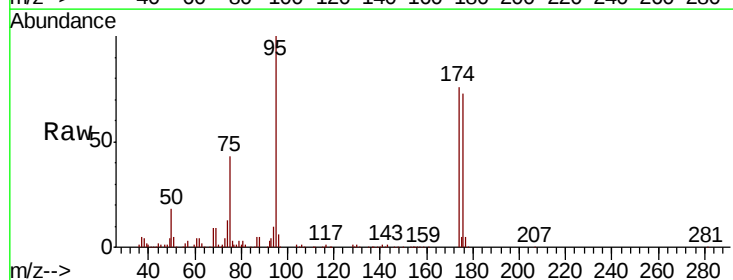
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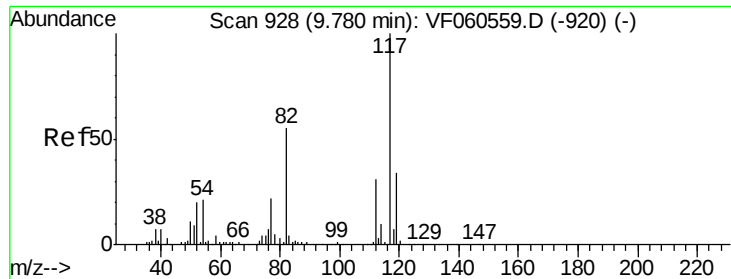
Tot Ion: 98 Resp: 533699
Ion Ratio Lower Upper
98 100
100 72.4 59.4 89.2



#62
4-Bromofluorobenzene
Concen: 58.494 ug/l
RT: 11.41 min Scan# 1093
Delta R.T. -0.01 min
Lab File: VF060663.D
Acq: 8 Nov 2018 21:37

Tgt Ion: 95 Resp: 250075
Ion Ratio Lower Upper
95 100
174 76.1 0.0 149.0
176 72.7 0.0 145.6

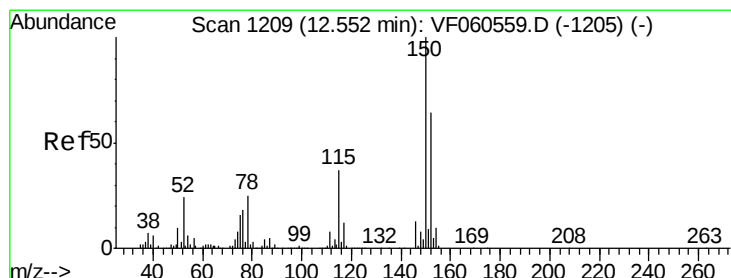
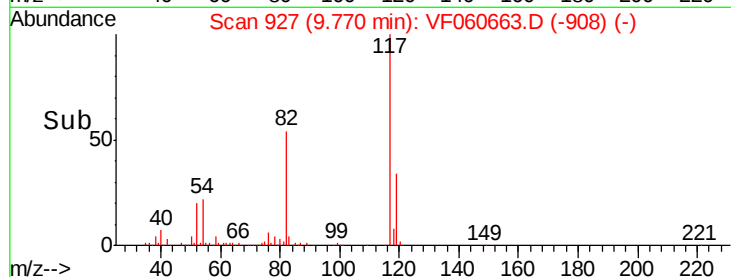
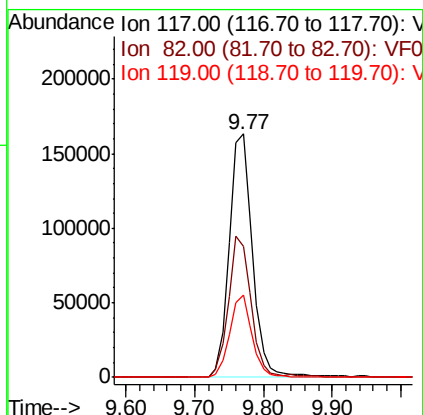
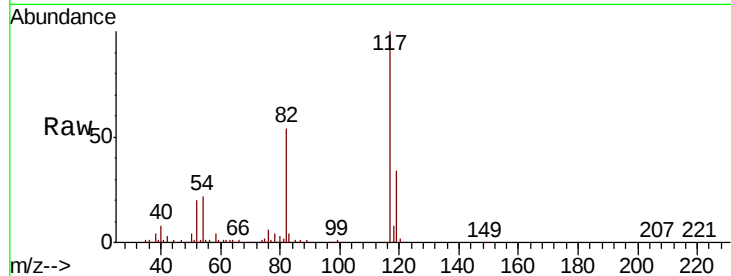




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.77 min Scan# 927
Delta R.T. -0.01 min
Lab File: VF060663.D
Acq: 8 Nov 2018 21:37

Instrument :
MSVOA_F
ClientSampleId :
TS-JRE

Tot Ion	Ratio	Lower	Upper
117	100		
82	53.6	43.9	65.9
119	33.6	27.4	41.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.54 min Scan# 1208
Delta R.T. -0.01 min
Lab File: VF060663.D
Acq: 8 Nov 2018 21:37

Tgt Ion	Ratio	Lower	Upper
152	100		
115	63.9	29.6	88.8
150	155.5	0.0	315.6

