

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF111518\
 Data File : VF060740.D
 Acq On : 15 Nov 2018 11:23
 Operator : VA/AP
 Sample : VF1115SBL01
 Misc : 5.00g/5mL/MSVOA-F/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 VF1115SBL01

Quant Time: Nov 15 14:06:57 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F111318S.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 14 03:11:14 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.85	168	239391	50.00	ug/l	-0.04
34) 1,4-Difluorobenzene	5.58	114	408342	50.00	ug/l	-0.04
63) Chlorobenzene-d5	9.75	117	376314	50.00	ug/l	-0.04
72) 1,4-Dichlorobenzene-d4	12.53	152	219420	50.00	ug/l	-0.03

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.82	65	131887	48.30	ug/l	-0.04
Spiked Amount	50.000		Recovery	=	96.60%	
35) Dibromofluoromethane	4.09	113	163460	53.25	ug/l	-0.04
Spiked Amount	50.000		Recovery	=	106.50%	
50) Toluene-d8	7.53	98	396971	50.43	ug/l	-0.04
Spiked Amount	50.000		Recovery	=	100.86%	
62) 4-Bromofluorobenzene	11.40	95	210200	58.56	ug/l	-0.02
Spiked Amount	50.000		Recovery	=	117.12%	

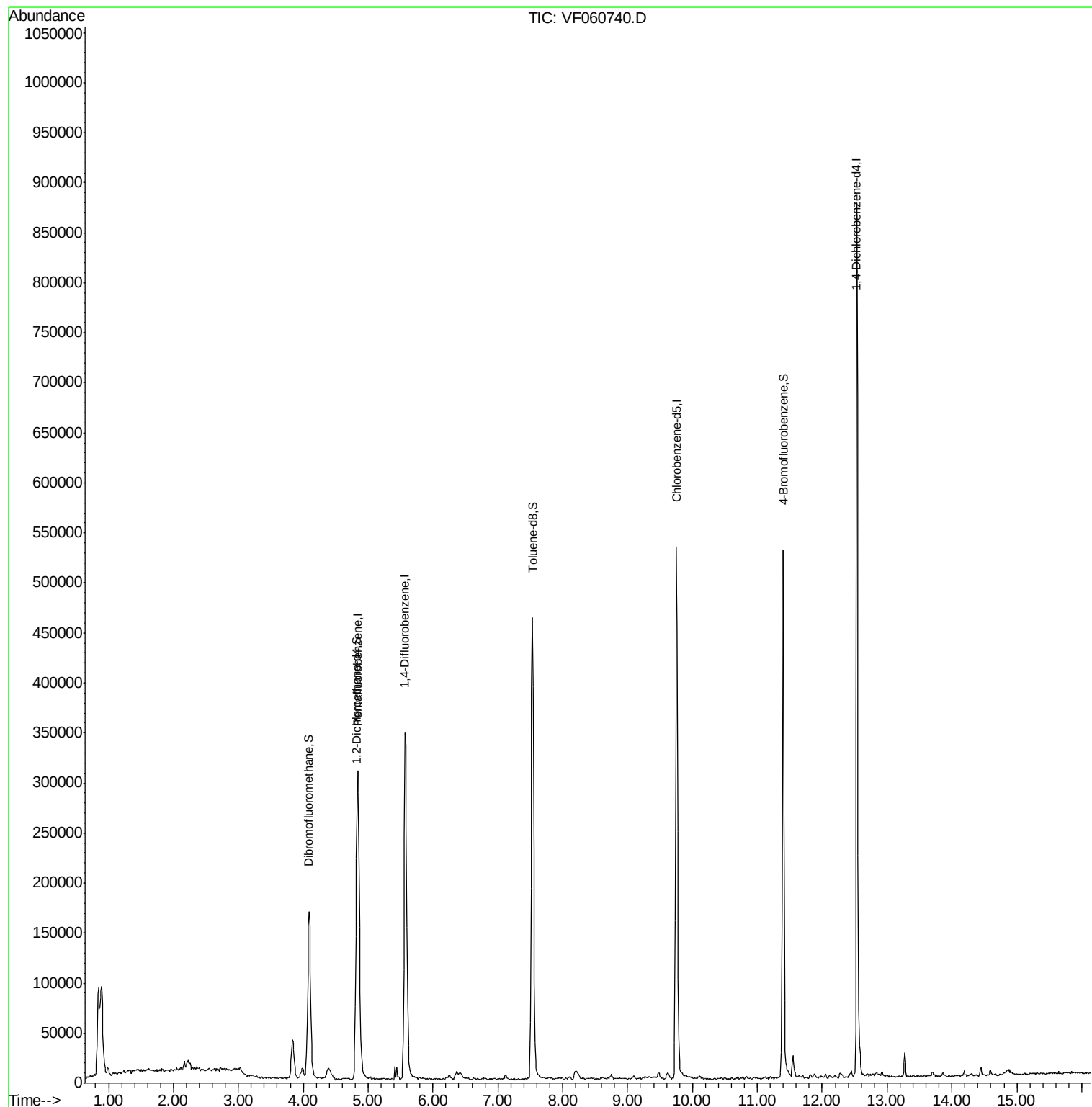
Target Compounds	Qvalue

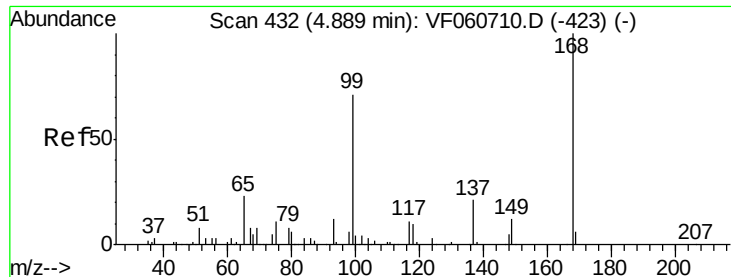
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 4.85 min Scan# 428

Delta R.T. -0.04 min

Lab File: VF060740.D

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Instrument :

MSVOA_F

ClientSampleId :

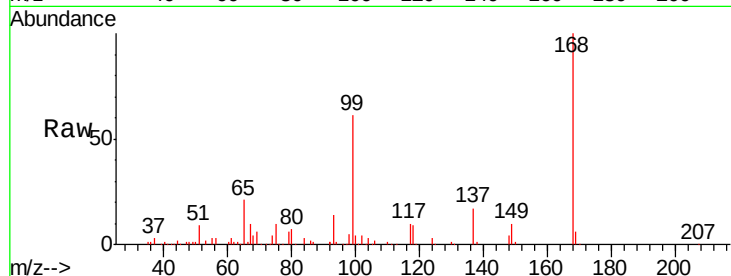
VF1115SBL01

Tgt Ion:168 Resp: 239391

Ion Ratio Lower Upper

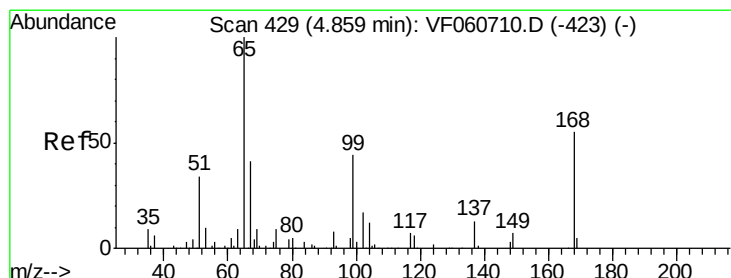
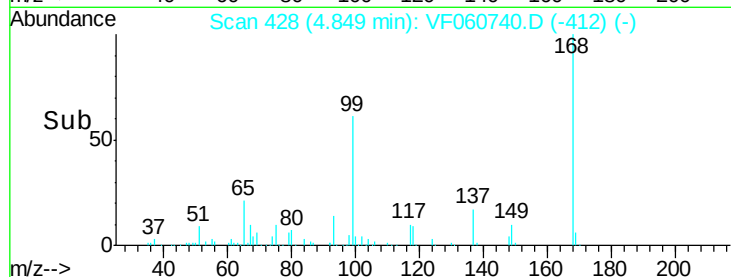
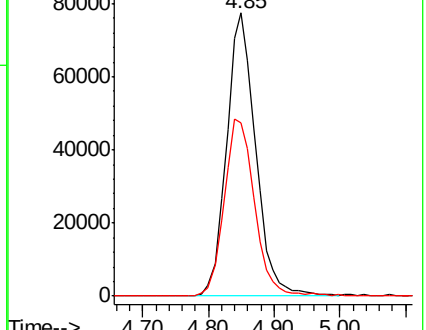
168 100

99 61.4 57.2 85.8



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: 48.30 ug/l

RT: 4.82 min Scan# 425

Delta R.T. -0.04 min

Lab File: VF060740.D

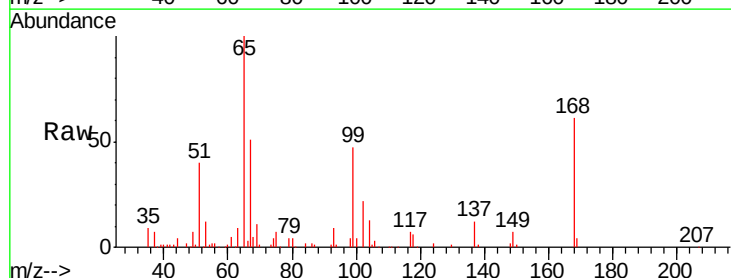
Acq: 15 Nov 2018 11:23

Tgt Ion: 65 Resp: 131887

Ion Ratio Lower Upper

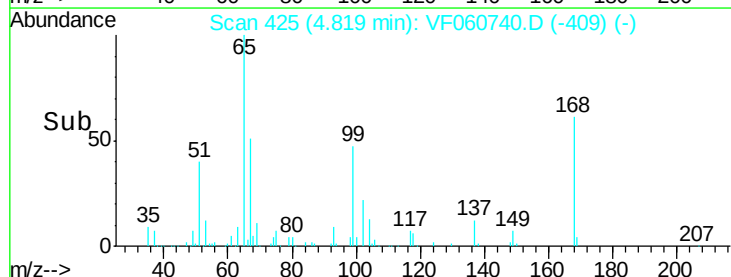
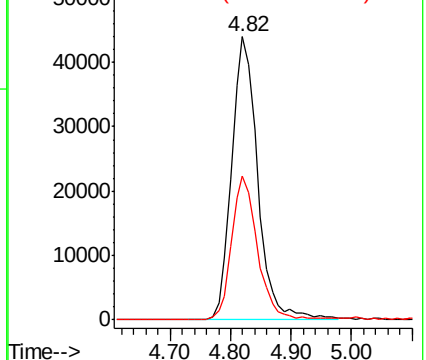
65 100

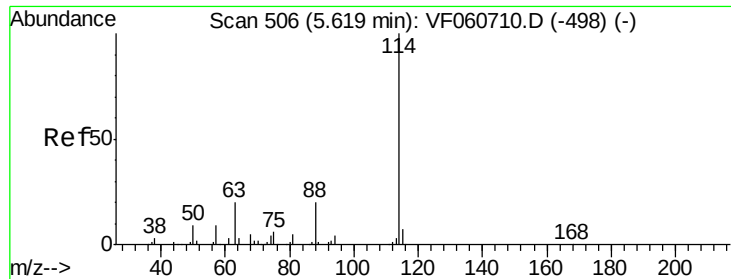
67 50.8 0.0 90.2



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: 5.58 min Scan# 502

Delta R.T. -0.04 min

Lab File: VF060740.D

Acq: 15 Nov 2018 11:23

Instrument :

MSVOA_F

ClientSampleId :

VF1115SBL01

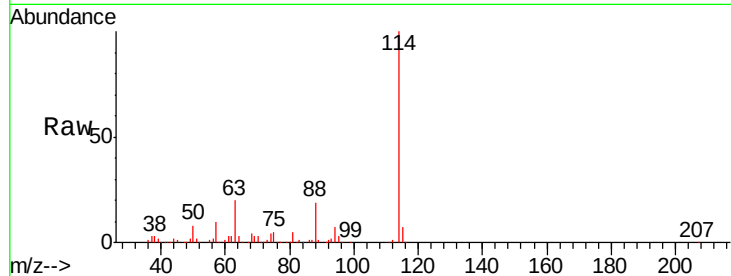
Tgt Ion:114 Resp: 408342

Ion Ratio Lower Upper

114 100

63 20.0 0.0 40.8

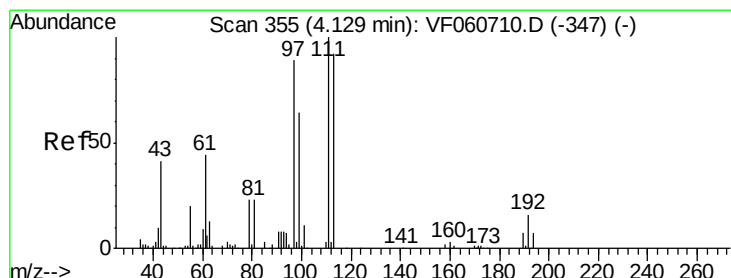
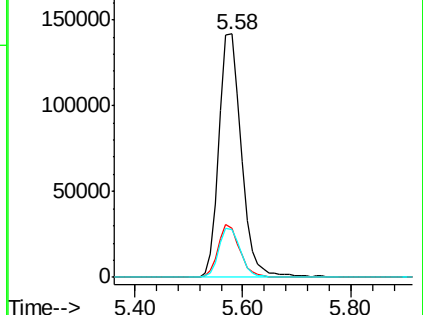
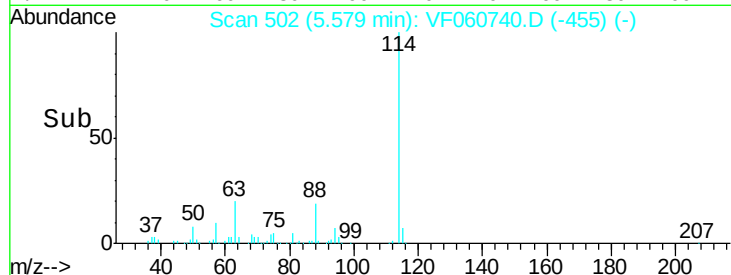
88 19.4 0.0 39.6



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: 53.25 ug/l

RT: 4.09 min Scan# 351

Delta R.T. -0.04 min

Lab File: VF060740.D

Acq: 15 Nov 2018 11:23

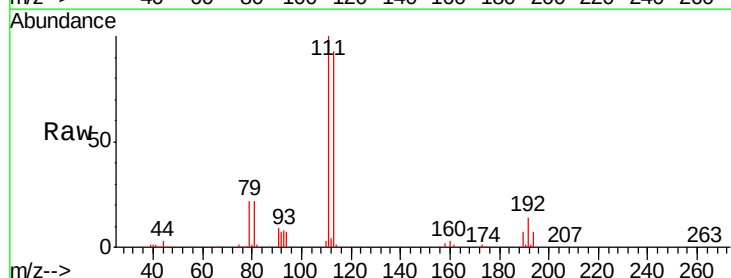
Tgt Ion:113 Resp: 163460

Ion Ratio Lower Upper

113 100

111 107.4 87.1 130.7

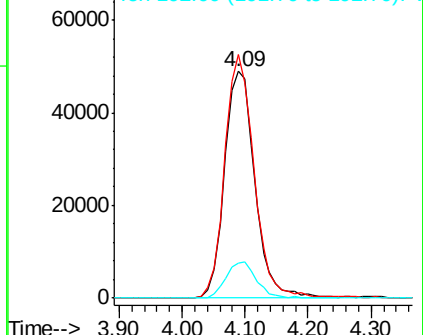
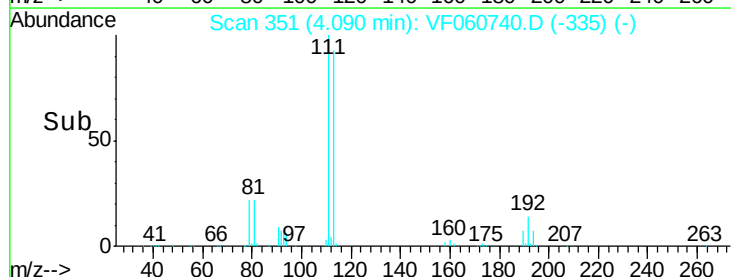
192 16.1 13.8 20.6

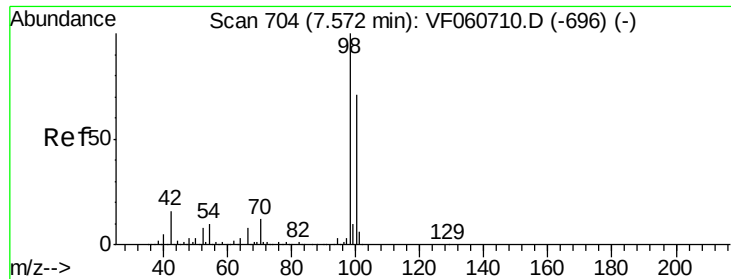


Abundance Ion 113.00 (112.70 to 113.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 192.00 (191.70 to 192.70): V

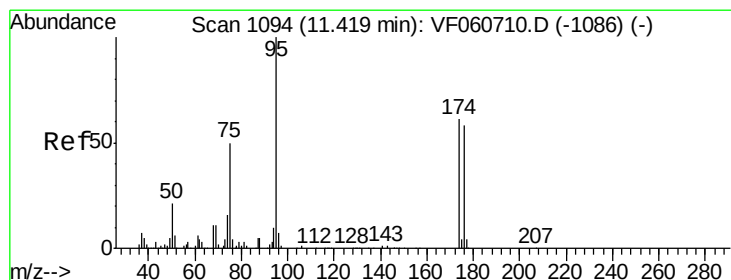
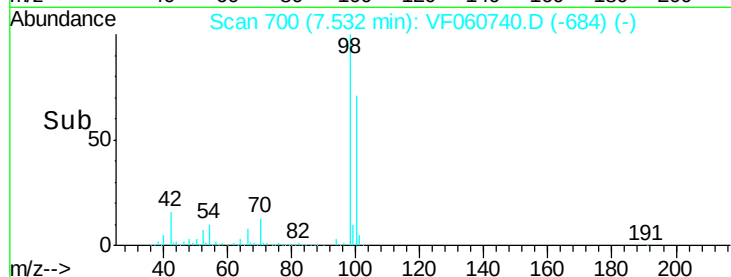
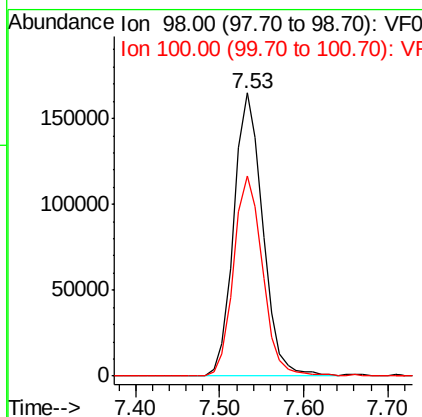
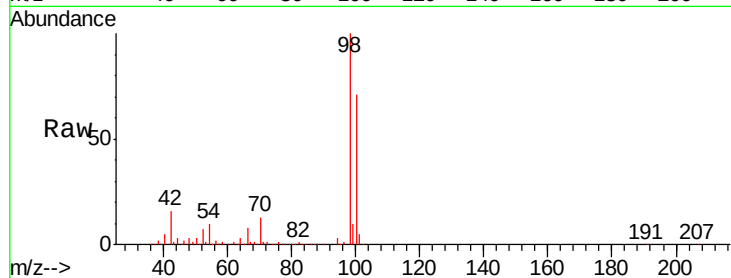




#50
Toluene-d8
Concen: 50.43 ug/l
RT: 7.53 min Scan# 700
Delta R.T. -0.04 min
Lab File: VF060740.D
Acq: 15 Nov 2018 11:23

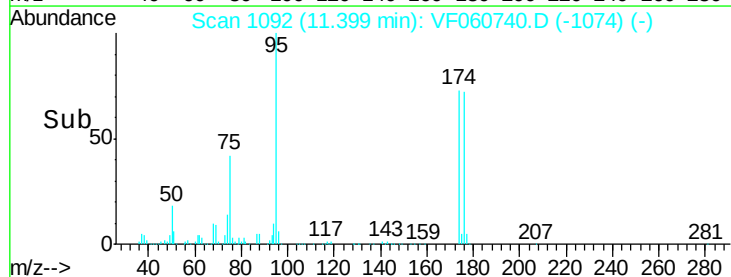
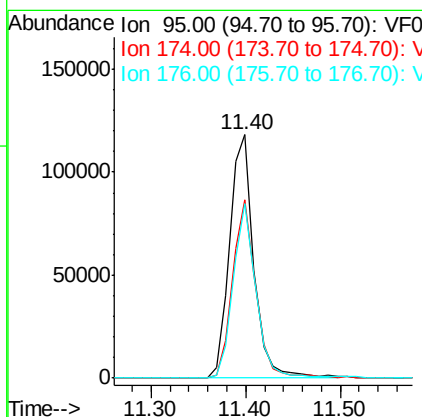
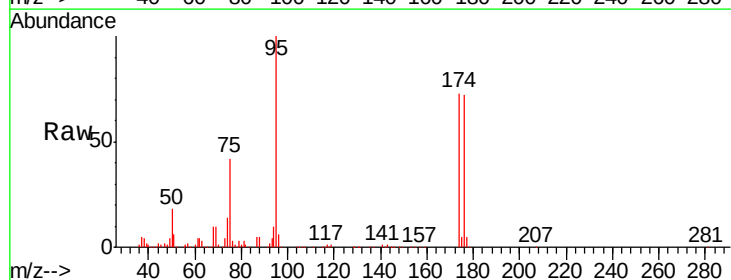
Instrument :
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ClientSampleId :
VF1115SBL01

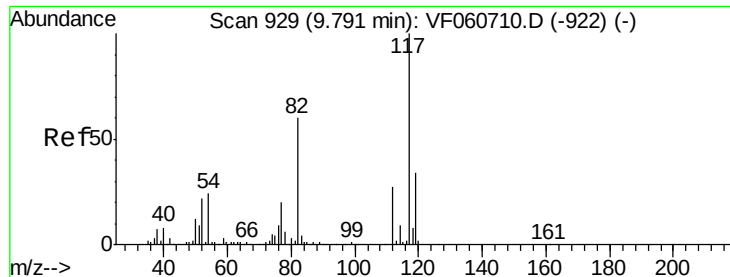
Tgt Ion: 98 Resp: 396971
Ion Ratio Lower Upper
98 100
100 70.9 56.5 84.7



#62
4-Bromofluorobenzene
Concen: 58.56 ug/l
RT: 11.40 min Scan# 1092
Delta R.T. -0.02 min
Lab File: VF060740.D
Acq: 15 Nov 2018 11:23

Tgt Ion: 95 Resp: 210200
Ion Ratio Lower Upper
95 100
174 73.5 0.0 121.6
176 71.9 0.0 115.2

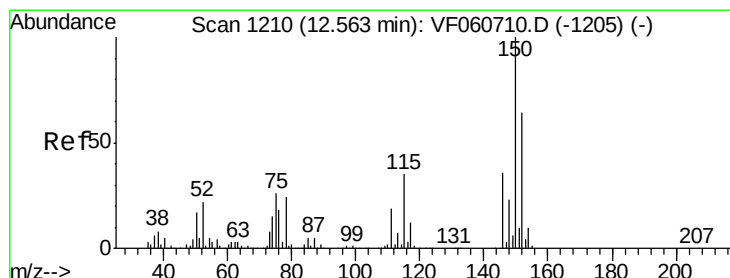
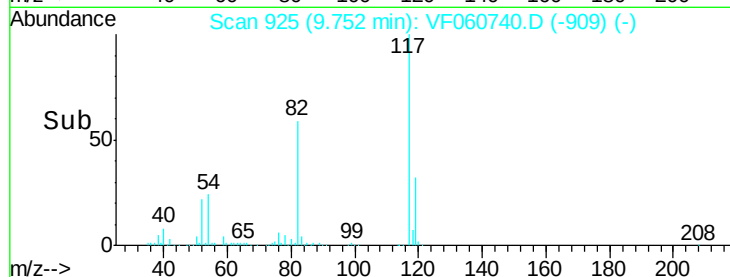
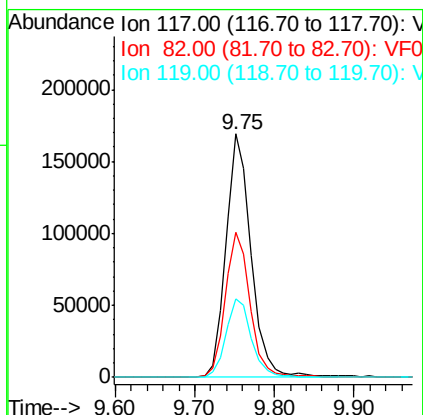
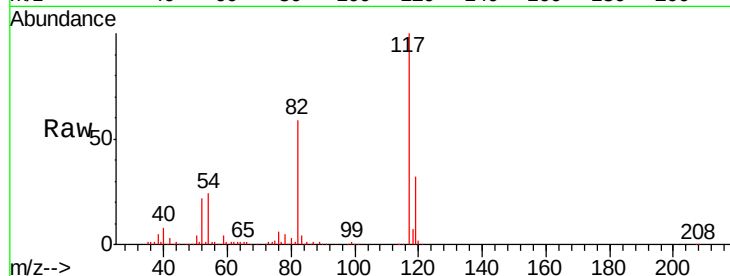




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.75 min Scan# 925
Delta R.T. -0.04 min
Lab File: VF060740.D
Acq: 15 Nov 2018 11:23

Instrument :
MSVOA_F
ClientSampleId :
VF1115SBL01

Tgt Ion:117 Resp: 376314
Ion Ratio Lower Upper
117 100
82 59.4 47.9 71.9
119 32.3 26.8 40.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.53 min Scan# 1207
Delta R.T. -0.03 min
Lab File: VF060740.D
Acq: 15 Nov 2018 11:23

Tgt Ion:152 Resp: 219420
Ion Ratio Lower Upper
152 100
115 63.2 27.9 83.7
150 152.7 0.0 316.4

