

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF062718\
 Data File : VF059332.D
 Acq On : 27 Jun 2018 11:54
 Operator : VA/AP
 Sample : VF0627SBL01
 Misc : 5.00g/5mL/MSVOA-F/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 VF0627SBL01

Quant Time: Jun 27 16:19:29 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F062518S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 26 08:45:17 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.02	168	316853	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.74	114	513261	50.00	ug/l	-0.01
63) Chlorobenzene-d5	9.90	117	495419	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.62	152	327698	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.00	65	186740	45.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.24%	
35) Dibromofluoromethane	4.27	113	174695	46.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.16%	
50) Toluene-d8	7.70	98	402336	43.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	86.66%	
62) 4-Bromofluorobenzene	11.50	95	236734	45.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.40%	

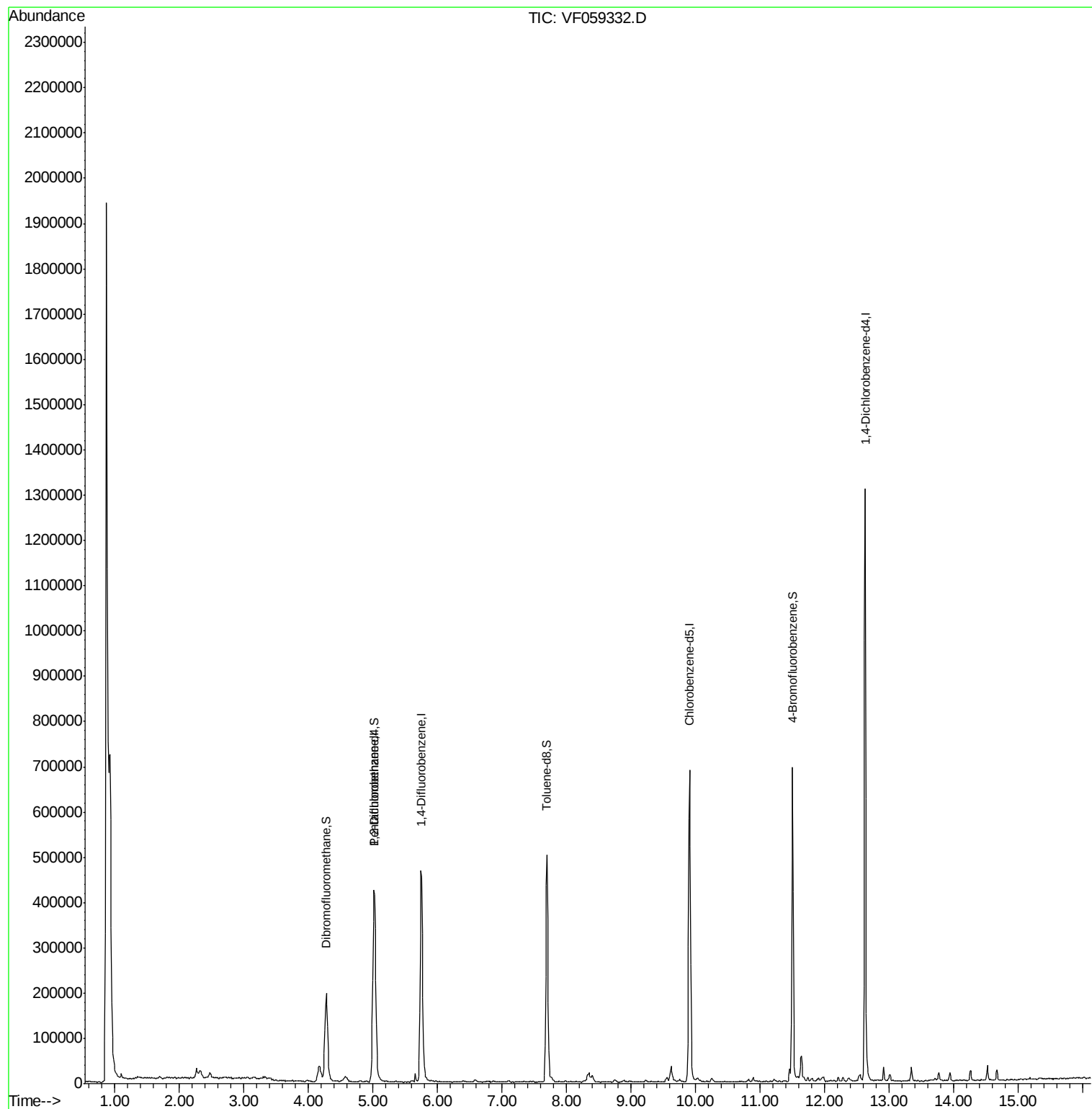
Target Compounds	Qvalue

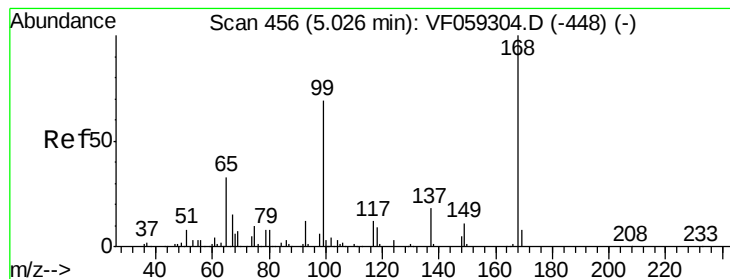
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF062718\
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Quant Title : SW846 8260
QLast Update : Tue Jun 26 08:45:17 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.02 min Scan# 456

Delta R.T. -0.00 min

Lab File: VF059332.D

Acq: 27 Jun 2018 11:54

Instrument :

MSVOA_F

ClientSampleId :

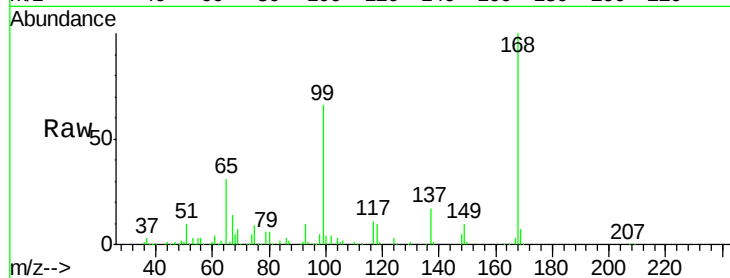
VF0627SBL01

Tot Ion:168 Resp: 316853

Ion Ratio Lower Upper

168 100

99 65.7 54.9 82.3



Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

5.02

120000

100000

80000

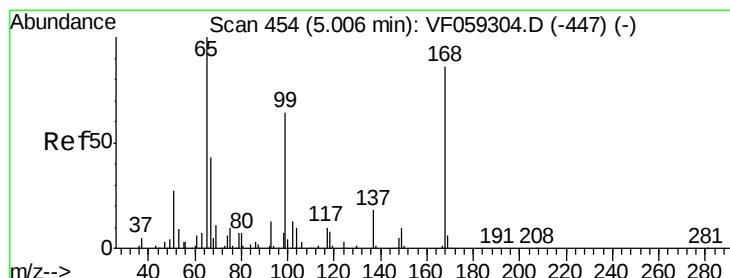
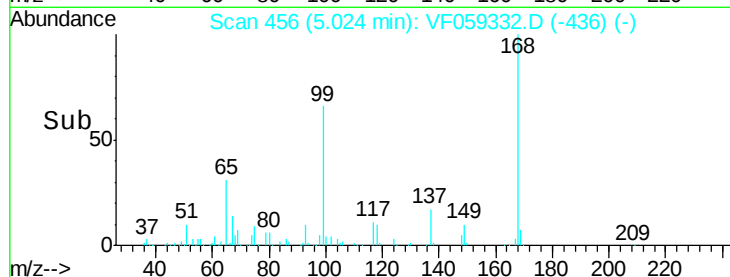
60000

40000

20000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 45.62 ug/l

RT: 5.00 min Scan# 454

Delta R.T. -0.00 min

Lab File: VF059332.D

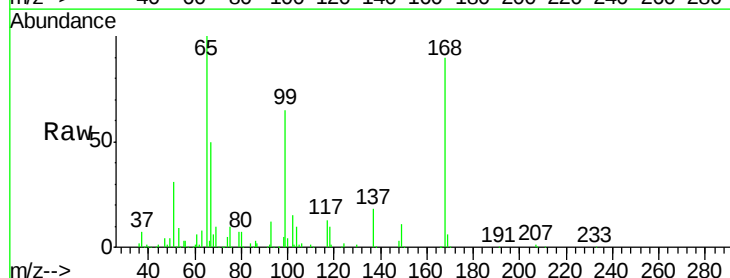
Acq: 27 Jun 2018 11:54

Tgt Ion: 65 Resp: 186740

Ion Ratio Lower Upper

65 100

67 50.4 0.0 96.8



Abundance Ion 65.00 (64.70 to 65.70): VF0

Ion 67.00 (66.70 to 67.70): VF0

5.00

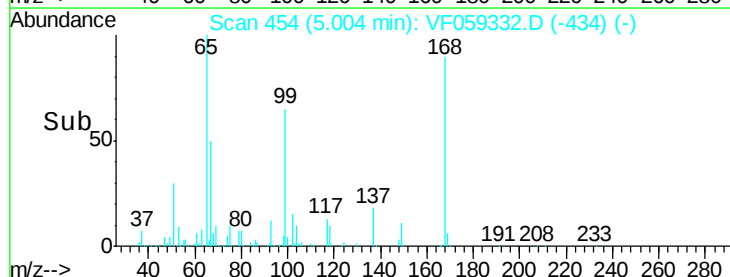
60000

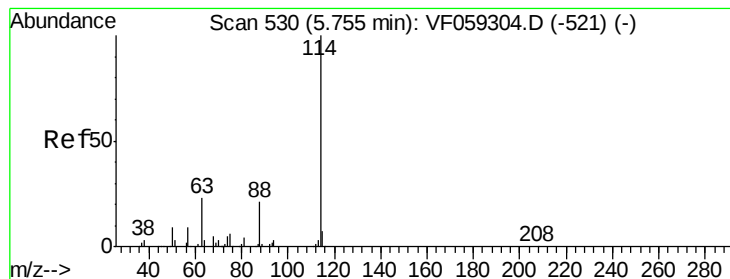
40000

20000

0

Time-->





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 5.74 min Scan# 529

Delta R.T. -0.01 min

Lab File: VF059332.D

Acq: 27 Jun 2018 11:54

Instrument :

MSVOA_F

ClientSampleId :

VF0627SBL01

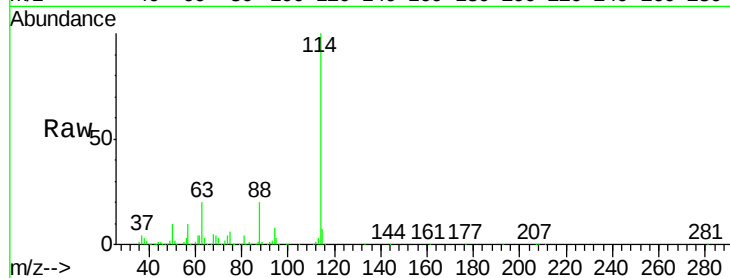
Tot Ion:114 Resp: 513261

Ion Ratio Lower Upper

114 100

63 20.0 0.0 45.8

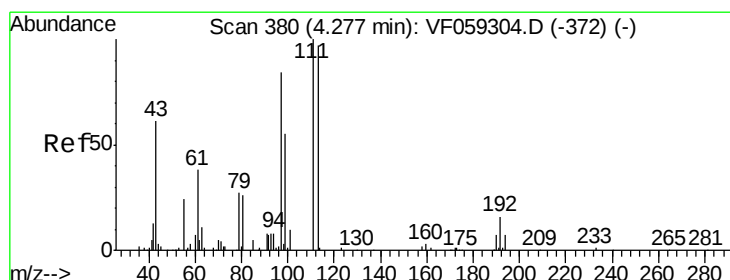
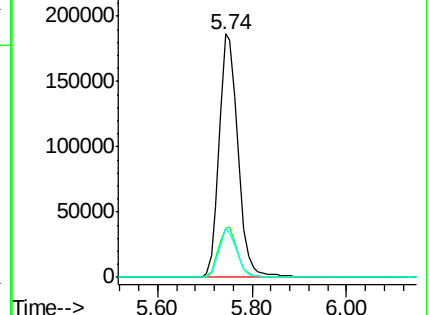
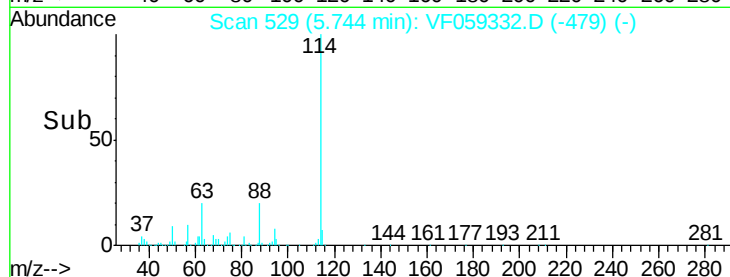
88 19.9 0.0 41.2



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: 46.58 ug/l

RT: 4.27 min Scan# 380

Delta R.T. -0.00 min

Lab File: VF059332.D

Acq: 27 Jun 2018 11:54

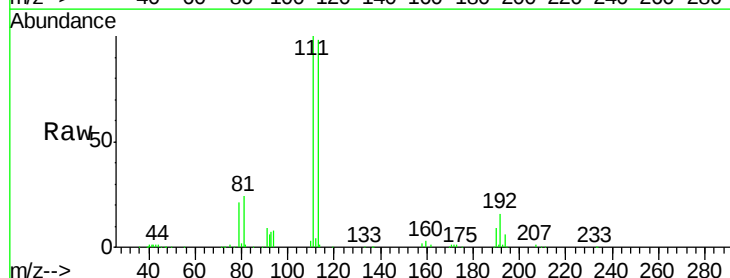
Tgt Ion:113 Resp: 174695

Ion Ratio Lower Upper

113 100

111 102.3 82.1 123.1

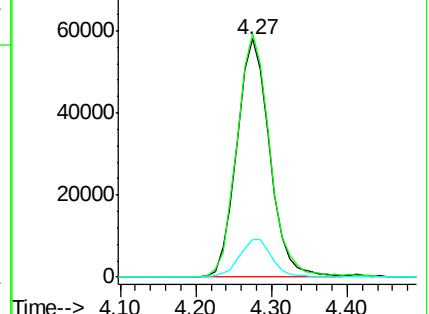
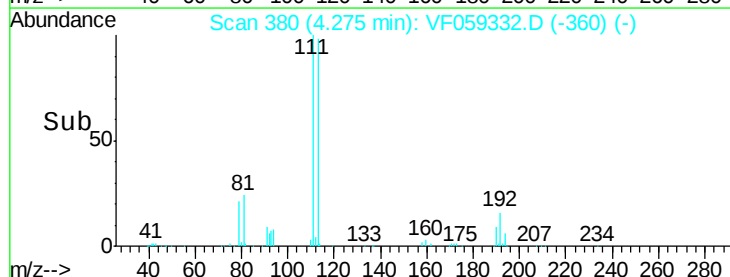
192 16.0 13.0 19.6

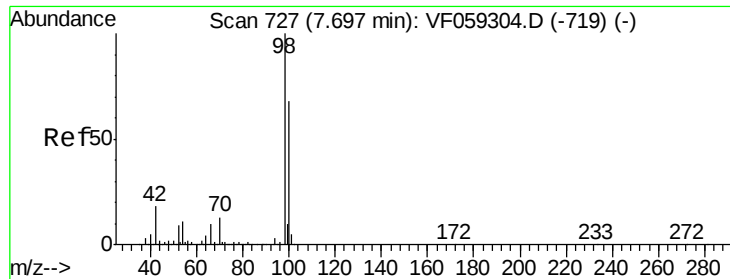


Abundance Ion 113.00 (112.70 to 113.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 192.00 (191.70 to 192.70): V





#50

Toluene-d8

Concen: 43.33 ug/l

RT: 7.70 min Scan# 727

Delta R.T. -0.00 min

Lab File: VF059332.D

Acq: 27 Jun 2018 11:54

Instrument :

MSVOA_F

ClientSampleId :

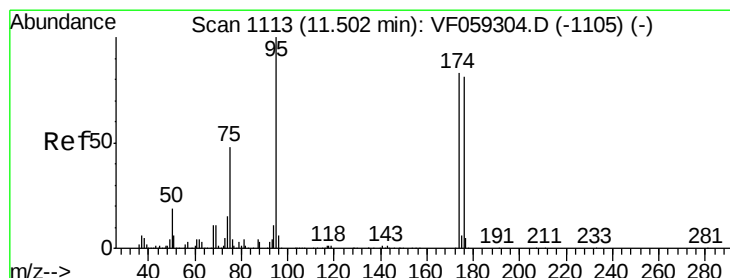
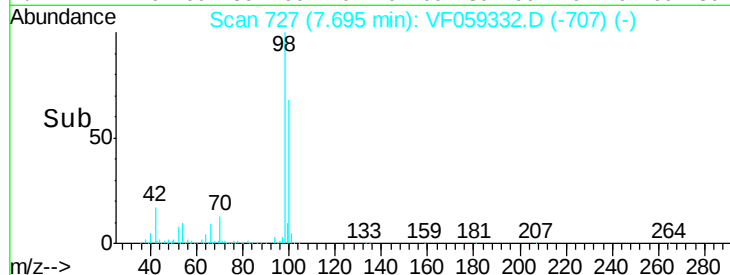
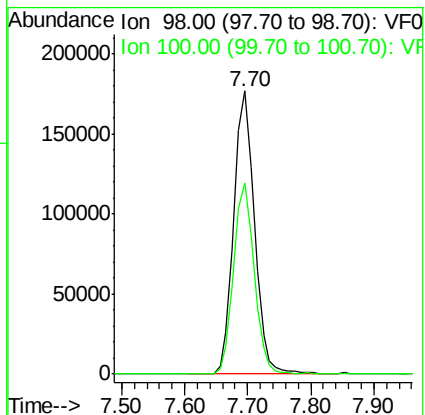
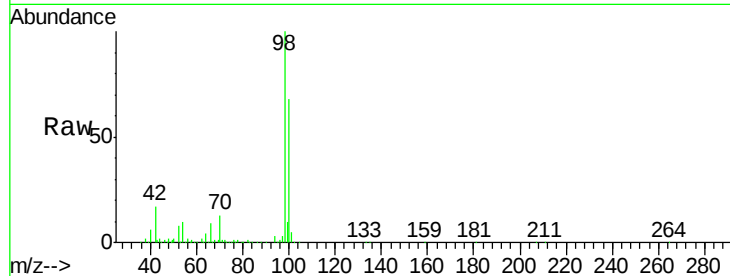
VF0627SBL01

Tot Ion: 98 Resp: 402336

Ion Ratio Lower Upper

98 100

100 67.6 54.6 82.0



#62

4-Bromofluorobenzene

Concen: 45.20 ug/l

RT: 11.50 min Scan# 1113

Delta R.T. -0.00 min

Lab File: VF059332.D

Acq: 27 Jun 2018 11:54

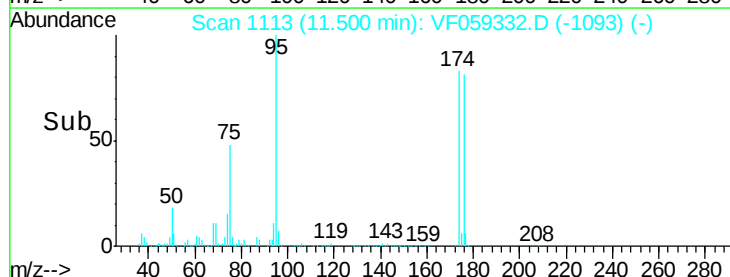
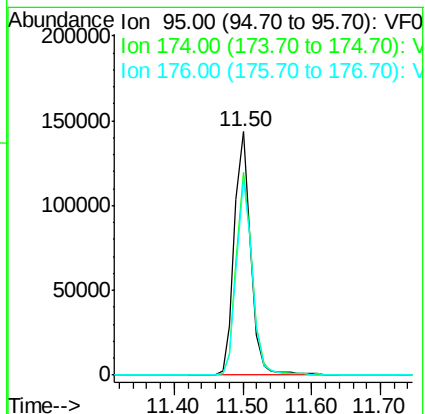
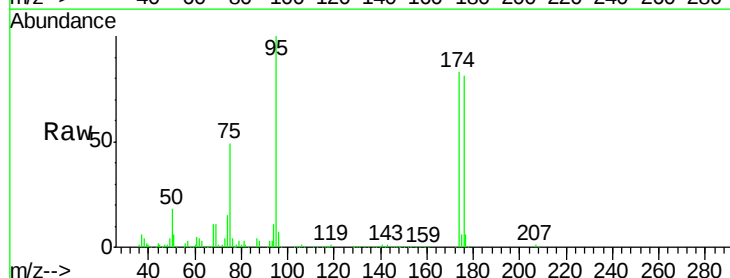
Tgt Ion: 95 Resp: 236734

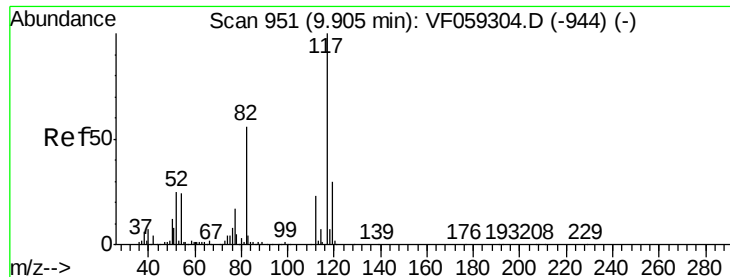
Ion Ratio Lower Upper

95 100

174 83.4 0.0 165.2

176 80.8 0.0 161.0

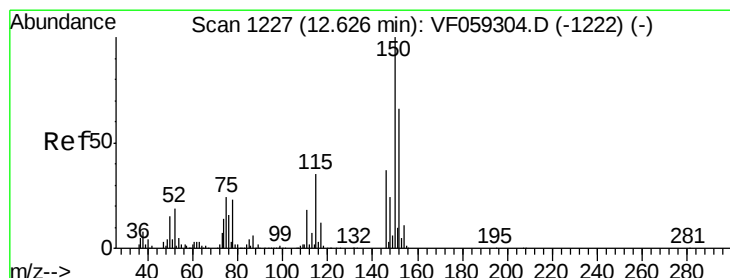
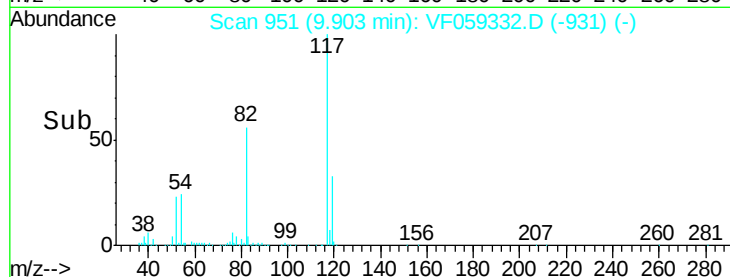
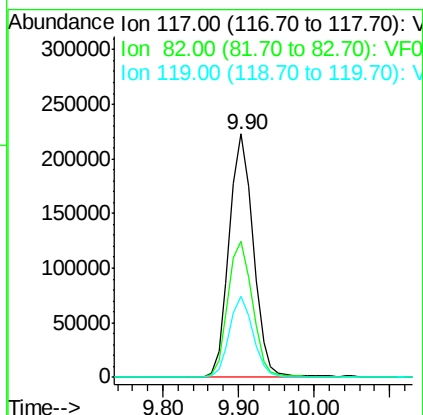
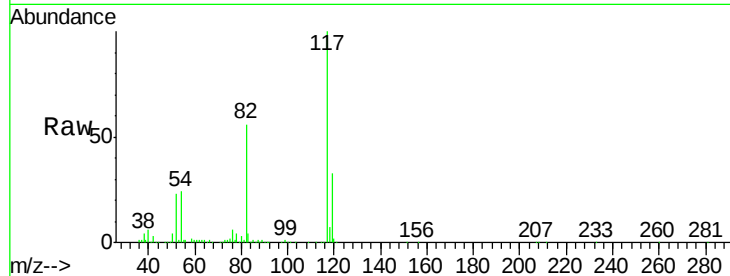




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.90 min Scan# 951
Delta R.T. -0.00 min
Lab File: VF059332.D
Acq: 27 Jun 2018 11:54

Instrument :
MSVOA_F
ClientSampleId :
VF0627SBL01

Tot Ion	Ratio	Lower	Upper
117	100		
82	56.1	44.6	66.8
119	33.3	24.1	36.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.62 min Scan# 1227
Delta R.T. -0.00 min
Lab File: VF059332.D
Acq: 27 Jun 2018 11:54

Tgt Ion	Ratio	Lower	Upper
152	100		
115	57.7	27.1	81.3
150	154.7	0.0	305.2

