

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF050919\
 Data File : VF062398.D
 Acq On : 9 May 2019 16:22
 Operator : FY/SY
 Sample : K2673-09
 Misc : 5.00g/5mL/MSVOA F/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 SB-15-1.0-1.5

Quant Time: May 09 16:51:41 2019
 Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82F050619S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 07 04:34:57 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.04	168	359697	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	5.76	114	499439	50.00	ug/l	-0.01
63) Chlorobenzene-d5	9.90	117	353883	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.60	152	195791	50.00	ug/l	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	5.02	65	185469	54.56	ug/l	0.00
Spiked Amount						
			Recovery	=	109.12%	
35) Dibromofluoromethane	4.29	113	228966	57.54	ug/l	-0.01
Spiked Amount						
			Recovery	=	115.08%	
50) Toluene-d8	7.70	98	459555	47.71	ug/l	0.00
Spiked Amount						
			Recovery	=	95.42%	
62) 4-Bromofluorobenzene	11.49	95	182718	42.05	ug/l	0.00
Spiked Amount						
			Recovery	=	84.10%	

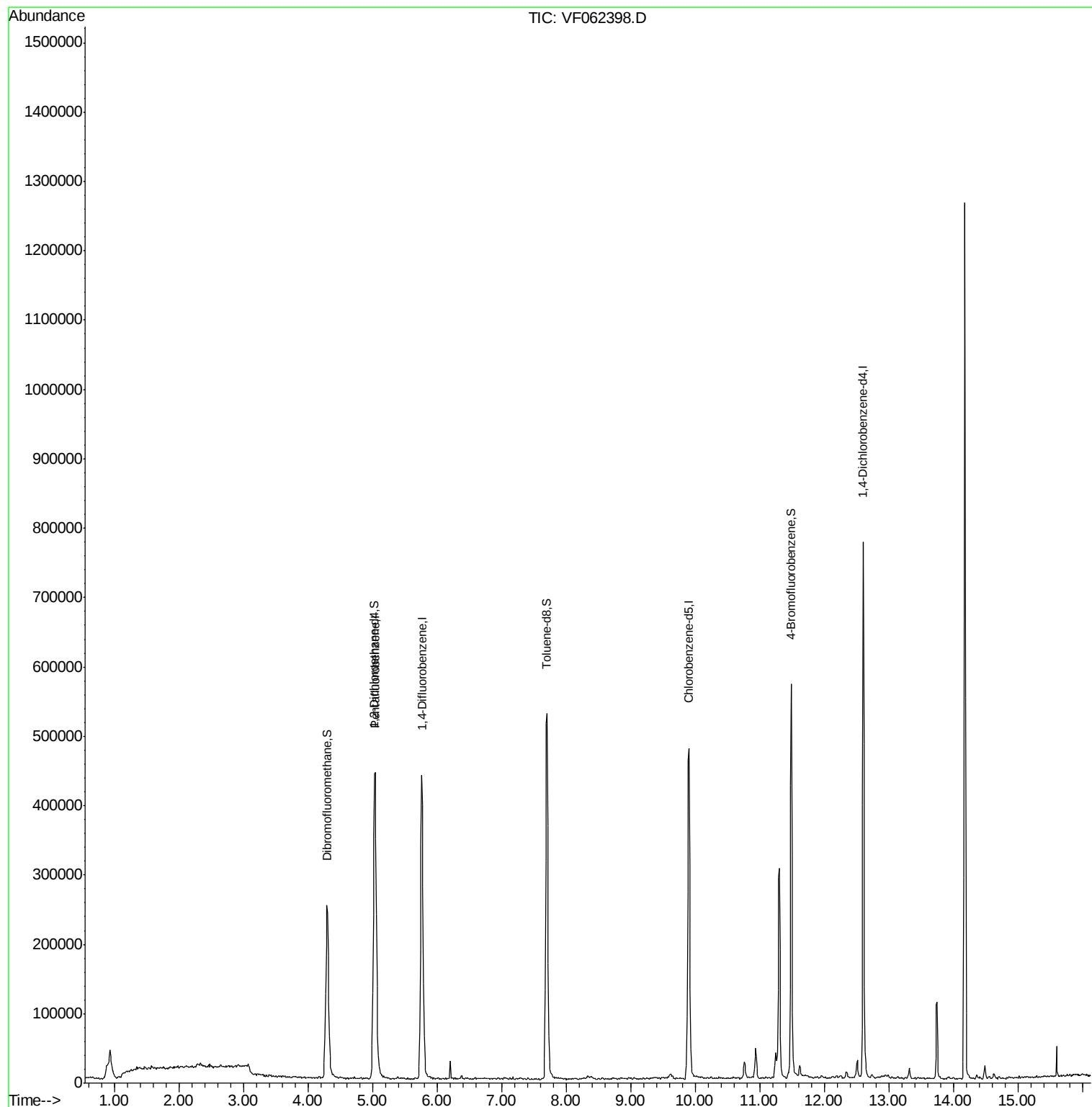
Target Compounds	Qvalue
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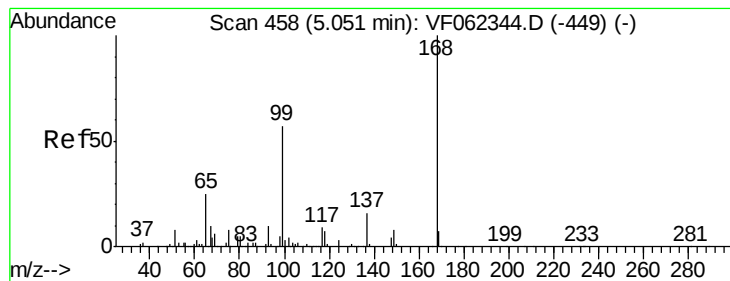
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.04 min Scan# 457

Delta R.T. -0.01 min

Lab File: VF062398.D

Acq: 9 May 2019 16:22

Instrument :

MSVOA_F

ClientSampleId :

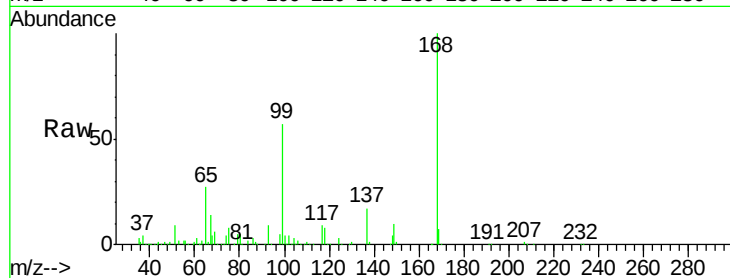
SB-15-1.0-1.5

Tot Ion:168 Resp: 359697

Ion Ratio Lower Upper

168 100

99 56.6 45.9 68.9



Abundance Ion 167.90 (167.60 to 168.60): VF0

Ion 98.90 (98.60 to 99.60): VF0

5.04

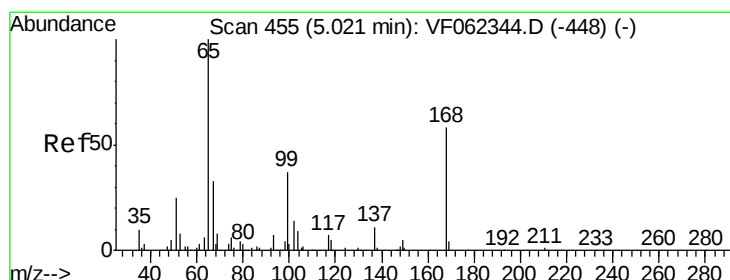
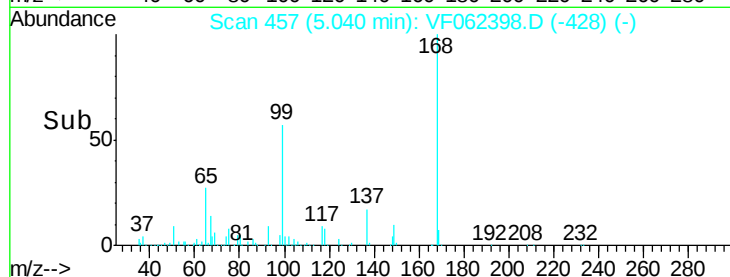
100000

50000

0

Time-->

5.00 5.20



#33

1,2-Dichloroethane-d4

Concen: 54.561 ug/l

RT: 5.02 min Scan# 455

Delta R.T. -0.00 min

Lab File: VF062398.D

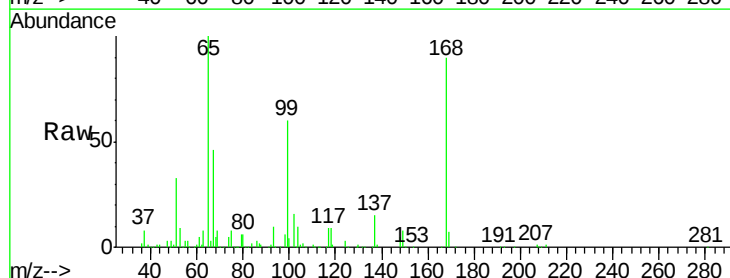
Acq: 9 May 2019 16:22

Tgt Ion: 65 Resp: 185469

Ion Ratio Lower Upper

65 100

67 45.8 0.0 85.8



Abundance Ion 64.90 (64.60 to 65.60): VF0

Ion 66.90 (66.60 to 67.60): VF0

5.02

60000

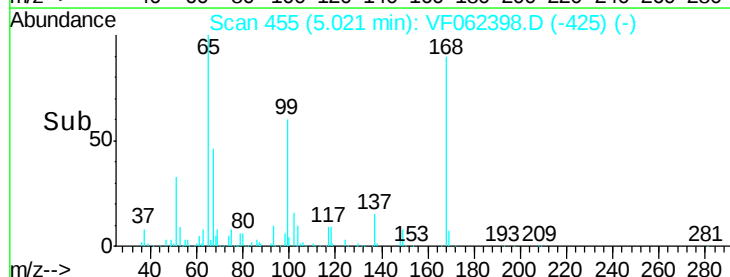
40000

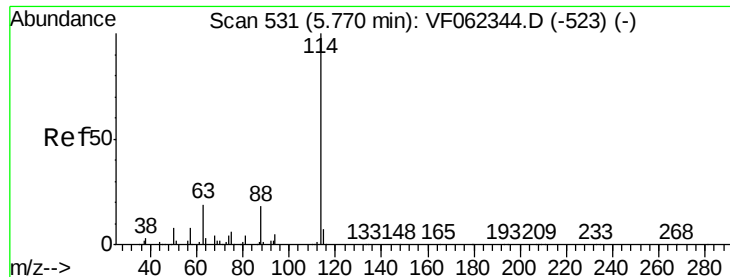
20000

0

Time-->

4.90 5.00 5.10 5.20





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.76 min Scan# 530

Delta R.T. -0.01 min

Lab File: VF062398.D

Acq: 9 May 2019 16:22

Instrument :

MSVOA_F

ClientSampleId :

SB-15-1.0-1.5

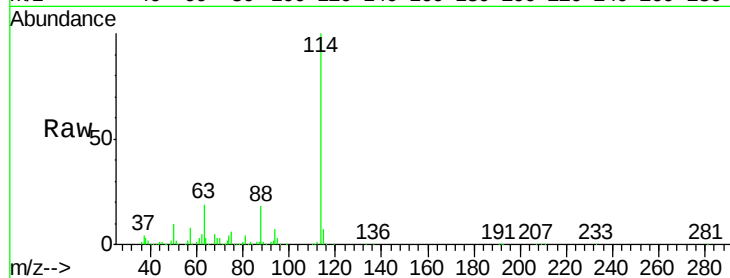
Tot Ion:114 Resp: 499439

Ion Ratio Lower Upper

114 100

63 19.0 0.0 37.4

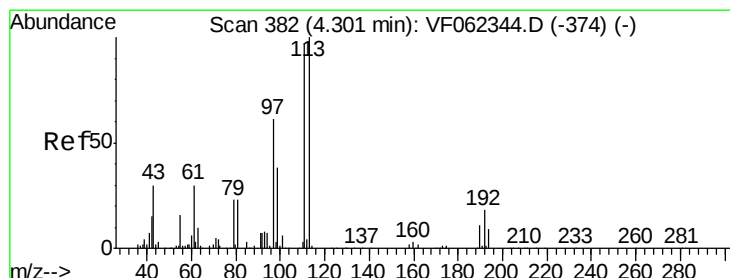
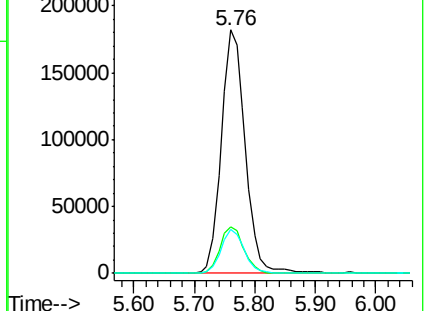
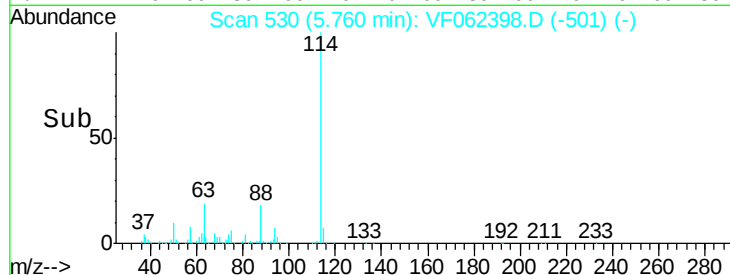
88 18.3 0.0 36.4



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VF0

Ion 87.90 (87.60 to 88.60): VF0



#35

Dibromofluoromethane

Concen: 57.544 ug/l

RT: 4.29 min Scan# 381

Delta R.T. -0.01 min

Lab File: VF062398.D

Acq: 9 May 2019 16:22

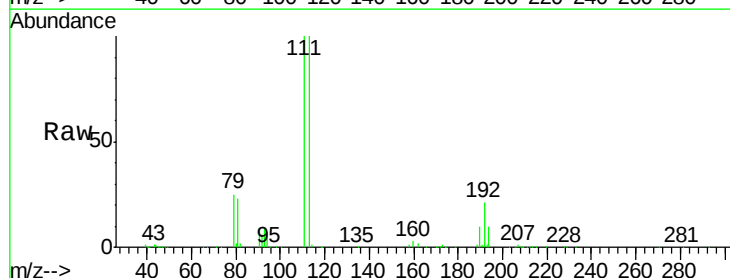
Tgt Ion:113 Resp: 228966

Ion Ratio Lower Upper

113 100

111 101.9 79.4 119.0

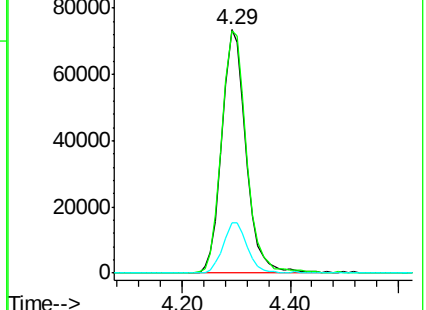
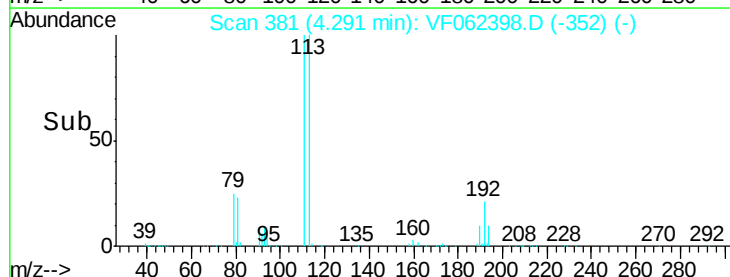
192 21.0 16.0 24.0

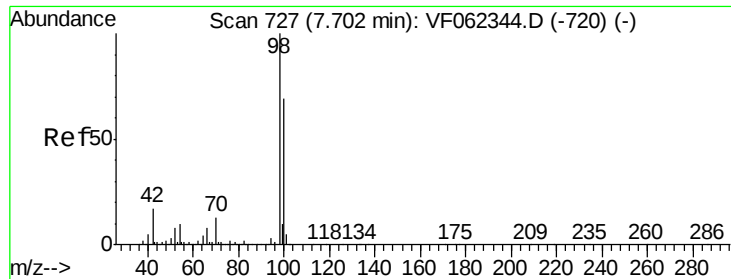


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 47.713 ug/l

RT: 7.70 min Scan# 727

Delta R.T. -0.00 min

Lab File: VF062398.D

Acq: 9 May 2019 16:22

Instrument :

MSVOA_F

ClientSampleId :

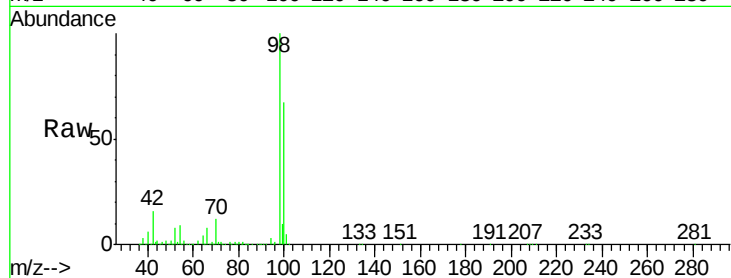
SB-15-1.0-1.5

Tot Ion: 98 Resp: 459555

Ion Ratio Lower Upper

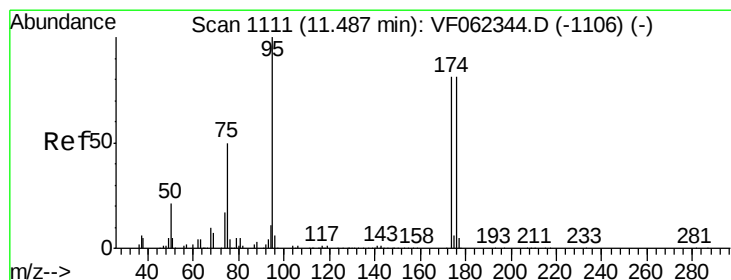
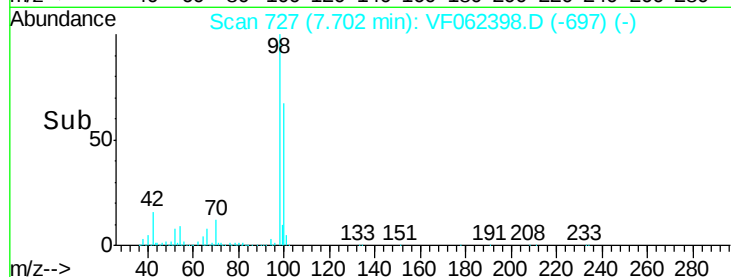
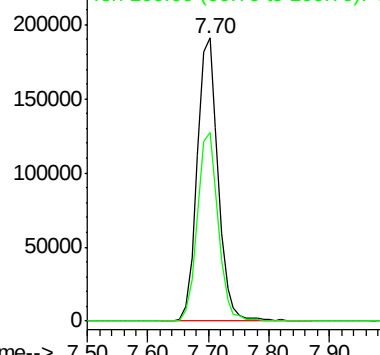
98 100

100 66.0 53.3 79.9



Abundance Ion 98.00 (97.70 to 98.70): VF0

Ion 100.00 (99.70 to 100.70): VF



#62

4-Bromofluorobenzene

Concen: 42.048 ug/l

RT: 11.49 min Scan# 1111

Delta R.T. -0.00 min

Lab File: VF062398.D

Acq: 9 May 2019 16:22

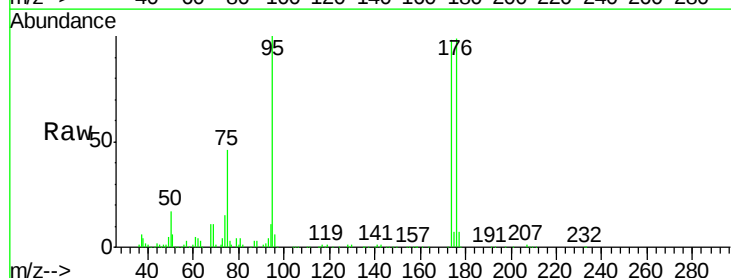
Tgt Ion: 95 Resp: 182718

Ion Ratio Lower Upper

95 100

174 96.7 0.0 191.8

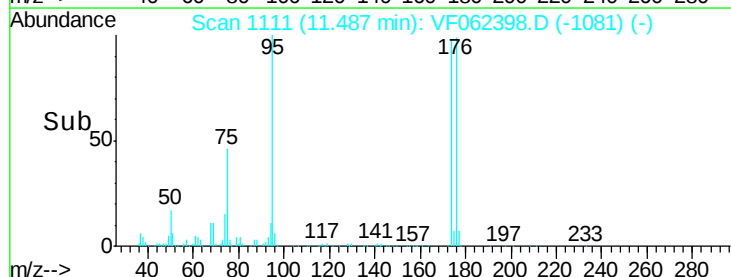
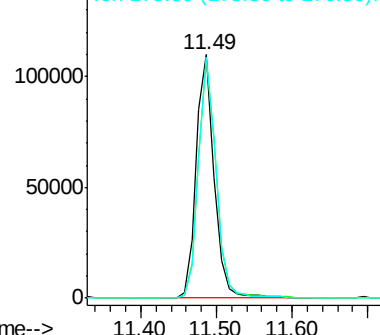
176 96.8 0.0 193.2

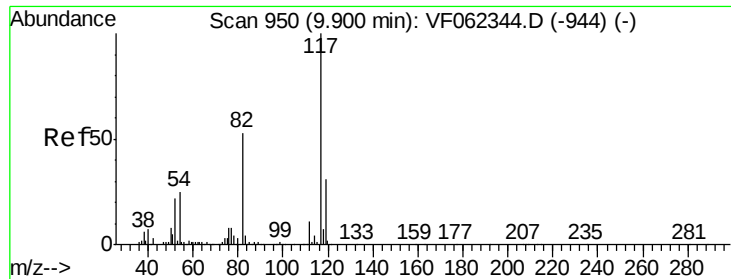


Abundance Ion 94.90 (94.60 to 95.60): VF0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

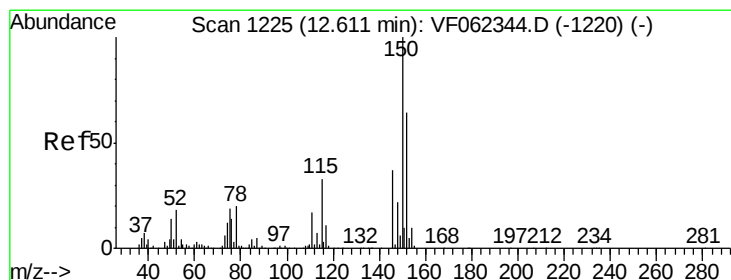
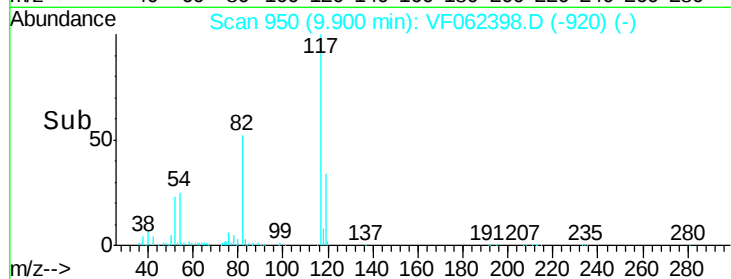
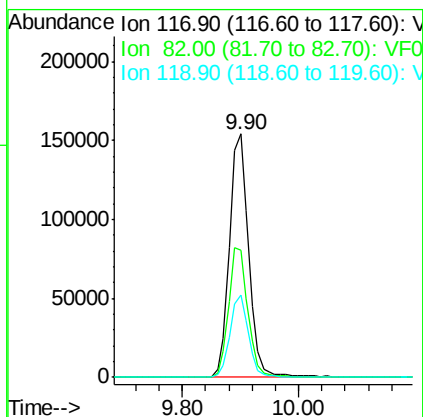
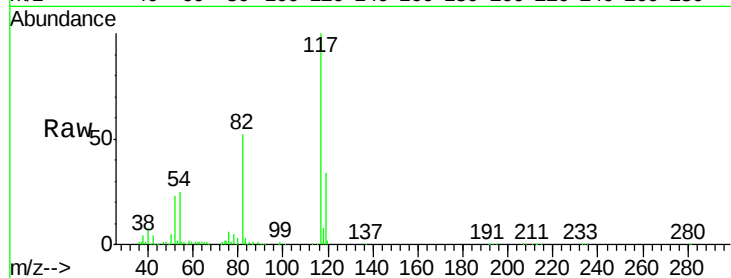




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.90 min Scan# 950
Delta R.T. -0.00 min
Lab File: VF062398.D
Acq: 9 May 2019 16:22

Instrument :
MSVOA_F
ClientSampleId :
SB-15-1.0-1.5

Tot Ion:117 Resp: 353883
Ion Ratio Lower Upper
117 100
82 52.5 42.2 63.2
119 33.9 25.0 37.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.60 min Scan# 1224
Delta R.T. -0.01 min
Lab File: VF062398.D
Acq: 9 May 2019 16:22

Tgt Ion:152 Resp: 195791
Ion Ratio Lower Upper
152 100
115 54.0 26.4 79.2
150 154.4 0.0 335.0

