

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF042219\
 Data File : VF062239.D
 Acq On : 22 Apr 2019 12:25
 Operator : FY/SY
 Sample : VF0422SBL01
 Misc : 5.00g/5mL/MSVOA F/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 VF0422SBL01

Quant Time: Apr 22 16:45:01 2019
 Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82F041719S.M
 Quant Title : SW846 8260
 QLast Update : Fri Apr 19 23:52:01 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.06	168	455712	50.00	ug/l	0.03
34) 1,4-Difluorobenzene	5.77	114	678816	50.00	ug/l	0.01
63) Chlorobenzene-d5	9.91	117	514255	50.00	ug/l	0.02
72) 1,4-Dichlorobenzene-d4	12.62	152	324289	50.00	ug/l	0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	5.03	65	236823	56.67	ug/l	0.02
Spiked Amount 50.000			Recovery	=	113.34%	
35) Dibromofluoromethane	4.32	113	303774	51.16	ug/l	0.02
Spiked Amount 50.000			Recovery	=	102.32%	
50) Toluene-d8	7.72	98	797939	53.09	ug/l	0.02
Spiked Amount 50.000			Recovery	=	106.18%	
62) 4-Bromofluorobenzene	11.50	95	323280	55.91	ug/l	0.02
Spiked Amount 50.000			Recovery	=	111.82%	

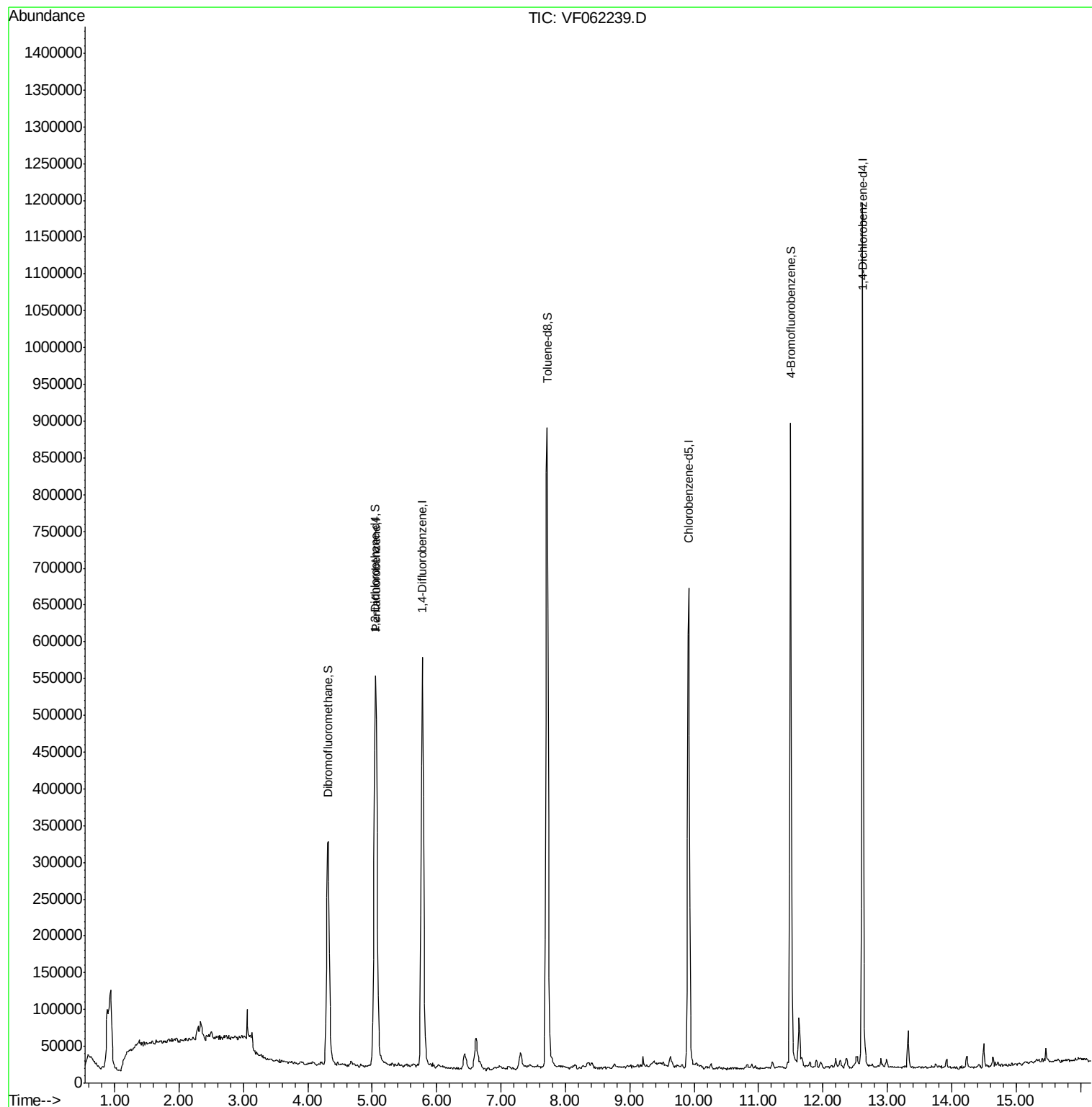
Target Compounds	Qvalue
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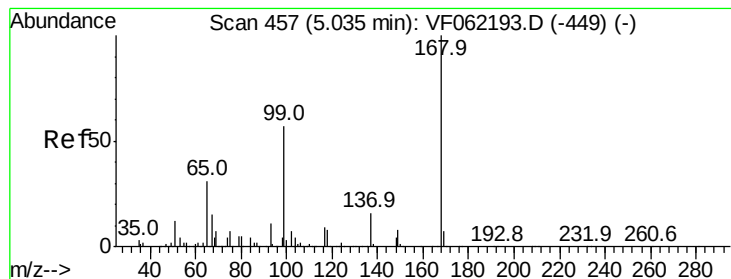
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Fri Apr 19 23:52:01 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.06 min Scan# 460

Delta R.T. 0.03 min

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Instrument :

MSVOA_F

ClientSampleId :

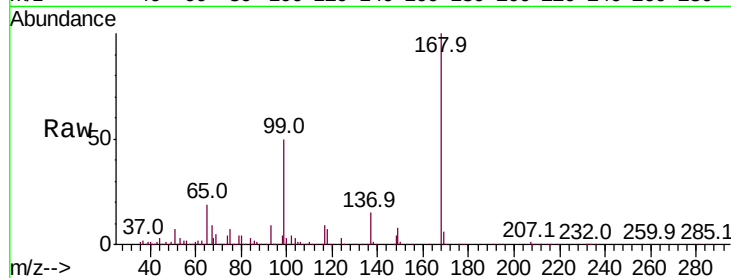
VF0422SBL01

Tot Ion:168 Resp: 455712

Ion Ratio Lower Upper

168 100

99 50.2 45.5 68.3



Abundance Ion 167.90 (167.60 to 168.60): VF0

Ion 98.90 (98.60 to 99.60): VF0

5.06

150000

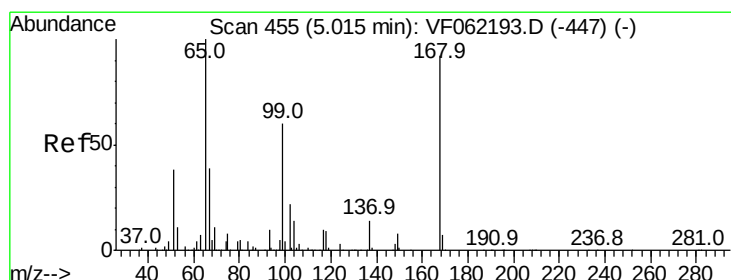
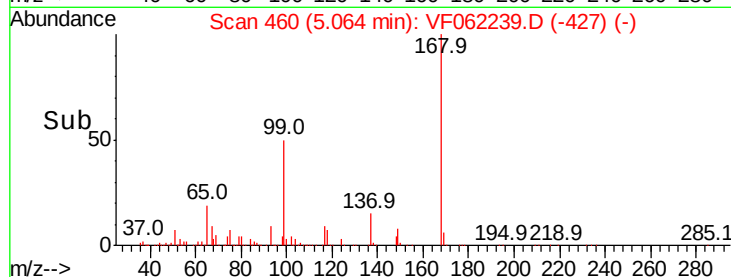
100000

50000

0

Time-->

4.90 5.00 5.10 5.20



#33

1,2-Dichloroethane-d4

Concen: 56.675 ug/l

RT: 5.03 min Scan# 457

Delta R.T. 0.02 min

Lab File: VF062239.D

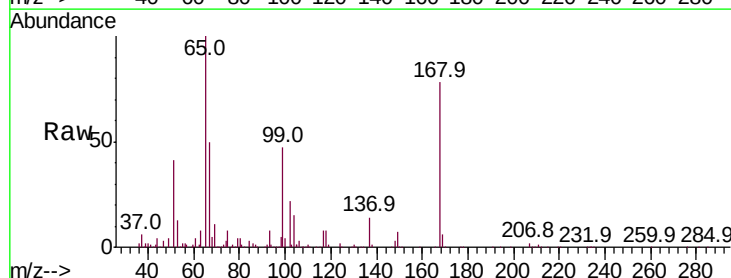
Acq: 22 Apr 2019 12:25

Tgt Ion: 65 Resp: 236823

Ion Ratio Lower Upper

65 100

67 49.4 0.0 109.4



Abundance Ion 64.90 (64.60 to 65.60): VF0

Ion 66.90 (66.60 to 67.60): VF0

5.03

100000

80000

60000

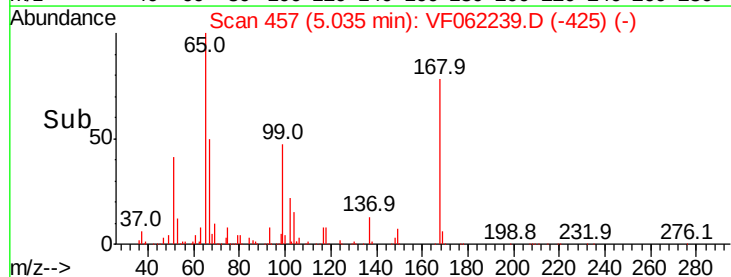
40000

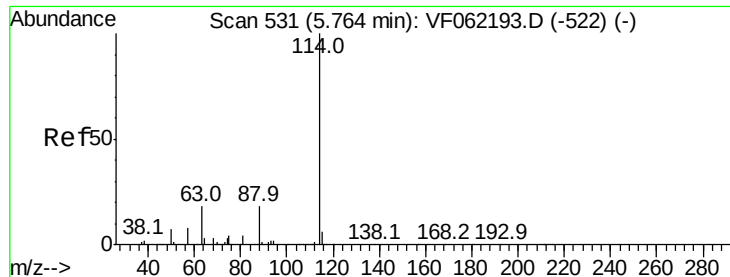
20000

0

Time-->

4.90 5.00 5.10 5.20





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.77 min Scan# 532

Delta R.T. 0.01 min

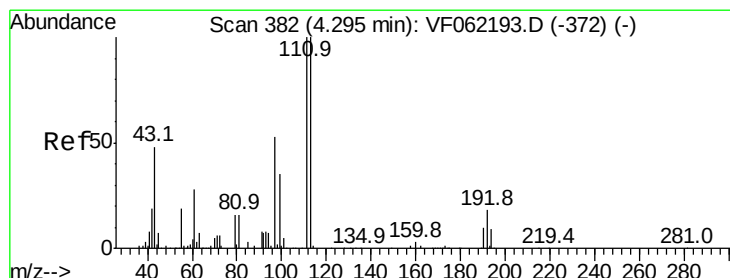
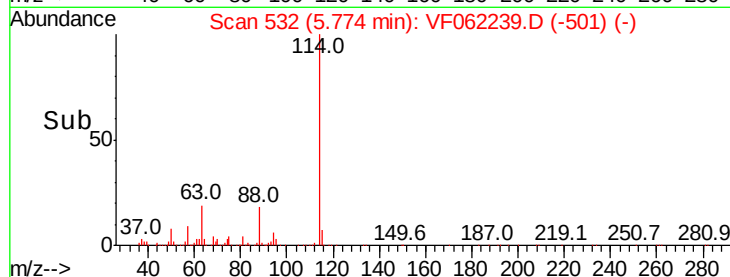
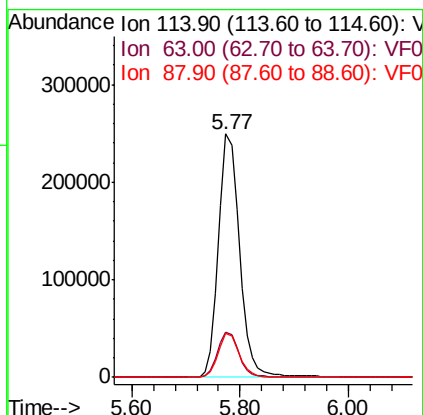
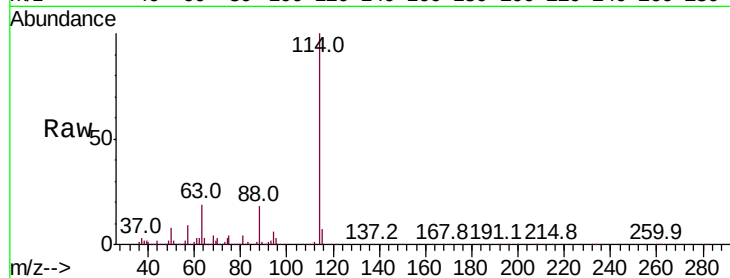
Lab File: VF062239.D

Acq: 22 Apr 2019 12:25

Instrument :
MSVOA_F
ClientSampleId :
VF0422SBL01

Tot Ion:114 Resp: 678816

Ion	Ratio	Lower	Upper
114	100		
63	18.7	0.0	36.6
88	17.9	0.0	35.8



#35

Dibromofluoromethane

Concen: 51.159 ug/l

RT: 4.32 min Scan# 384

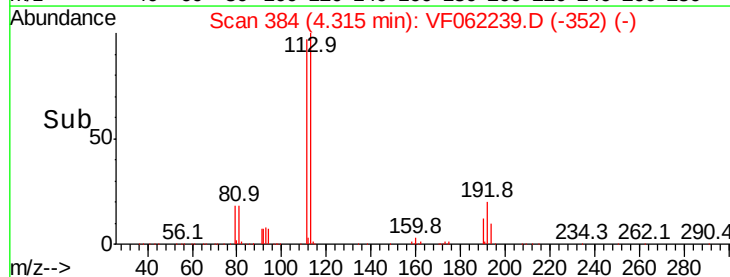
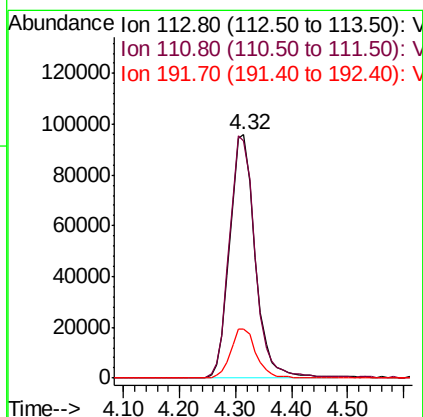
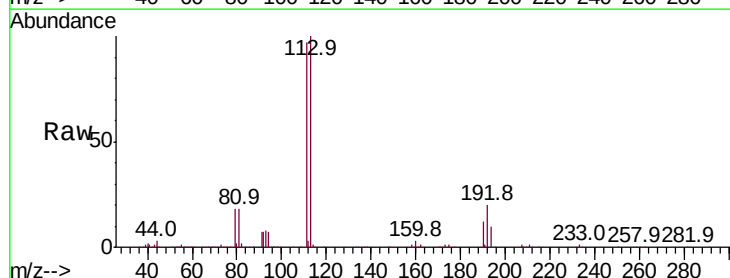
Delta R.T. 0.02 min

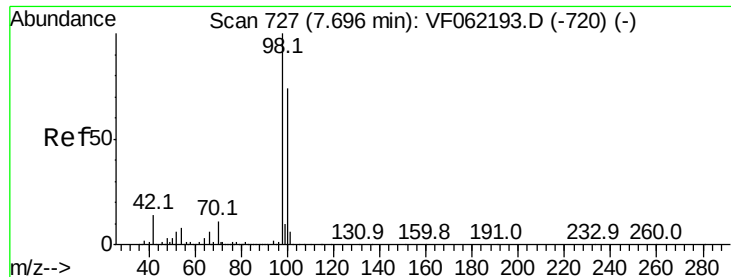
Lab File: VF062239.D

Acq: 22 Apr 2019 12:25

Tgt Ion:113 Resp: 303774

Ion	Ratio	Lower	Upper
113	100		
111	100.6	81.1	121.7
192	20.2	14.7	22.1





#50

Toluene-d8

Concen: 53.087 ug/l

RT: 7.72 min Scan# 729

Delta R.T. 0.02 min

Lab File: VF062239.D

Acq: 22 Apr 2019 12:25

Instrument :

MSVOA_F

ClientSampleId :

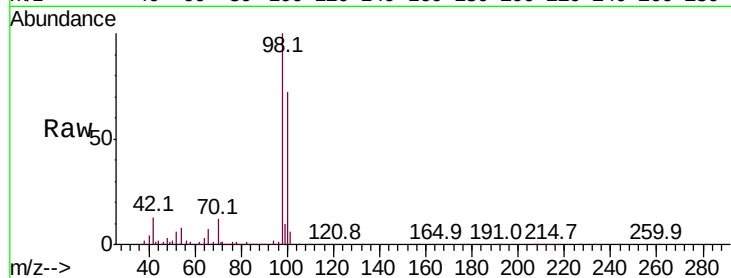
VF0422SBL01

Tot Ion: 98 Resp: 797939

Ion Ratio Lower Upper

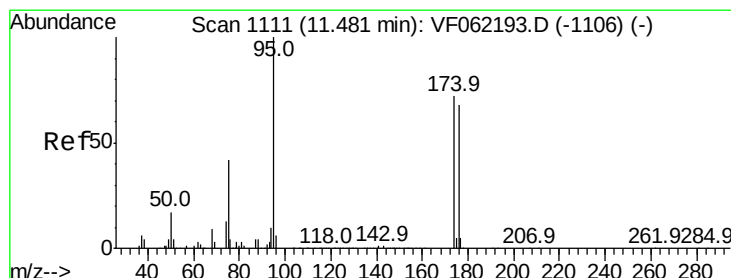
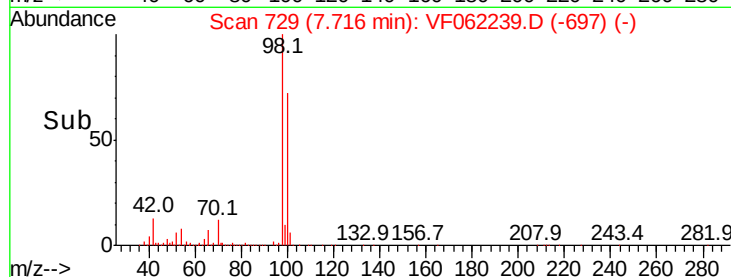
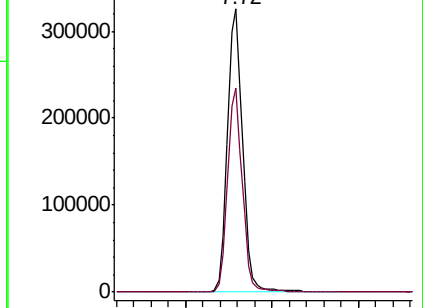
98 100

100 69.9 56.2 84.2



Abundance Ion 98.00 (97.70 to 98.70): VF0

Ion 100.00 (99.70 to 100.70): VF



#62

4-Bromofluorobenzene

Concen: 55.909 ug/l

RT: 11.50 min Scan# 1113

Delta R.T. 0.02 min

Lab File: VF062239.D

Acq: 22 Apr 2019 12:25

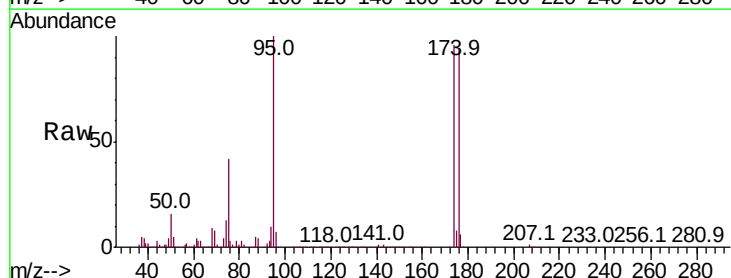
Tgt Ion: 95 Resp: 323280

Ion Ratio Lower Upper

95 100

174 88.7 0.0 159.4

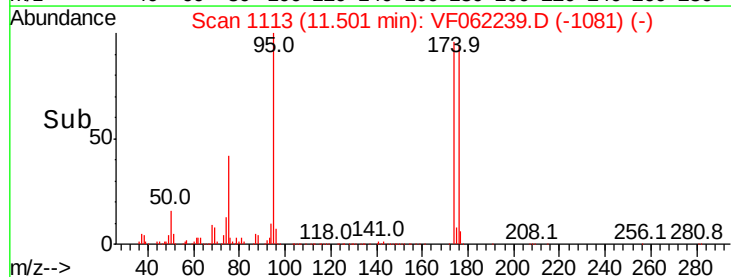
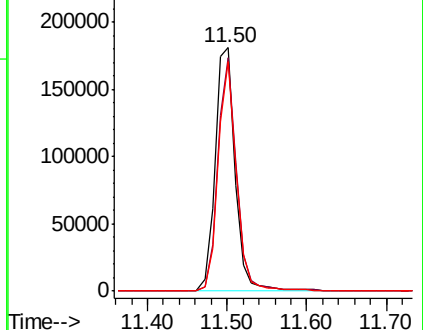
176 86.8 0.0 155.4

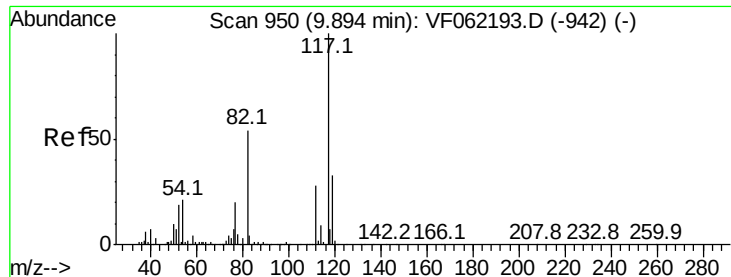


Abundance Ion 94.90 (94.60 to 95.60): VF0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

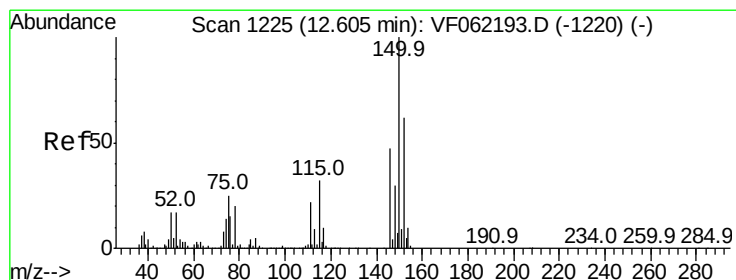
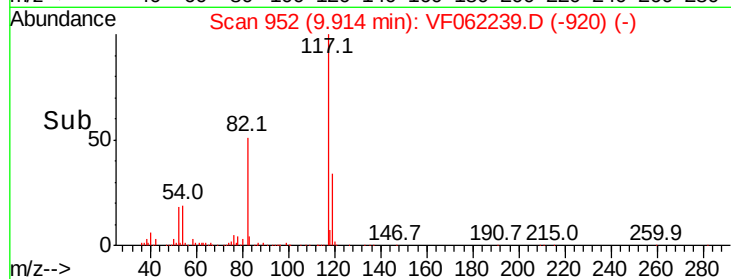
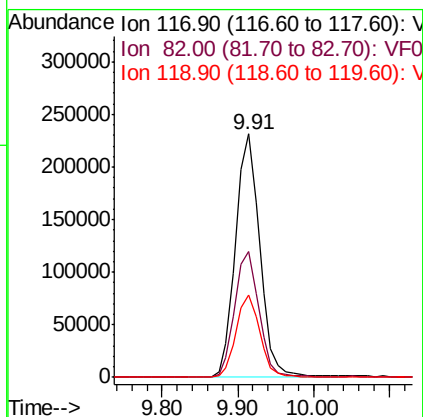
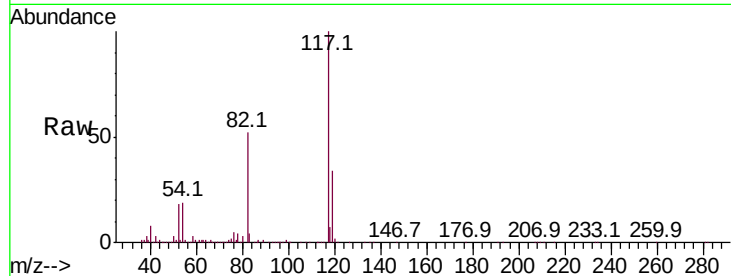




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.91 min Scan# 952
Delta R.T. 0.02 min
Lab File: VF062239.D
Acq: 22 Apr 2019 12:25

Instrument :
MSVOA_F
ClientSampleId :
VF0422SBL01

Tot Ion	Ratio	Lower	Upper
117	100		
82	51.6	43.2	64.8
119	33.8	26.2	39.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.62 min Scan# 1226
Delta R.T. 0.01 min
Lab File: VF062239.D
Acq: 22 Apr 2019 12:25

Tgt Ion	Ratio	Lower	Upper
152	100		
115	54.0	27.8	83.3
150	151.5	0.0	341.8

