

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF051219\
 Data File : VF062517.D
 Acq On : 12 May 2019 23:12
 Operator : FY/SY
 Sample : VF0512SBL02
 Misc : 5.00g/5mL/MSVOA F/SOIL
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 VF0512SBL02

Quant Time: May 13 06:55:11 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	5.08	168	292447	50.00	ug/l	0.03
34) 1,4-Difluorobenzene	5.79	114	405721	50.00	ug/l	0.02
63) Chlorobenzene-d5	9.93	117	350725	50.00	ug/l	0.03
72) 1,4-Dichlorobenzene-d4	12.62	152	233999	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.05	65	155891	56.41	ug/l	0.03
Spiked Amount	50.000		Recovery	=	112.82%	
35) Dibromofluoromethane	4.33	113	190148	58.83	ug/l	0.03
Spiked Amount	50.000		Recovery	=	117.66%	
50) Toluene-d8	7.73	98	390928	49.96	ug/l	0.03
Spiked Amount	50.000		Recovery	=	99.92%	
62) 4-Bromofluorobenzene	11.51	95	192274	54.47	ug/l	0.02
Spiked Amount	50.000		Recovery	=	108.94%	

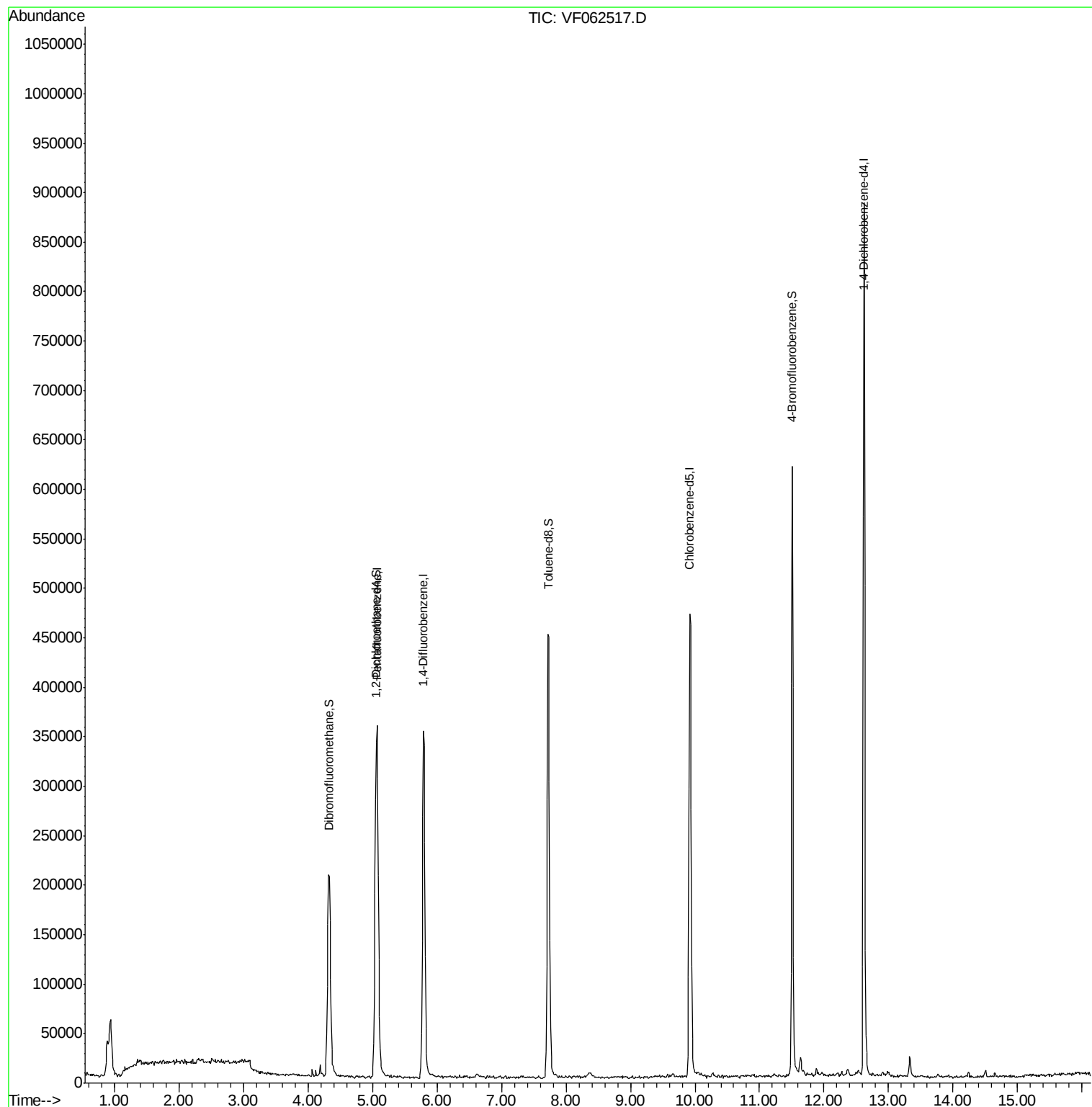
Target Compounds	Qvalue

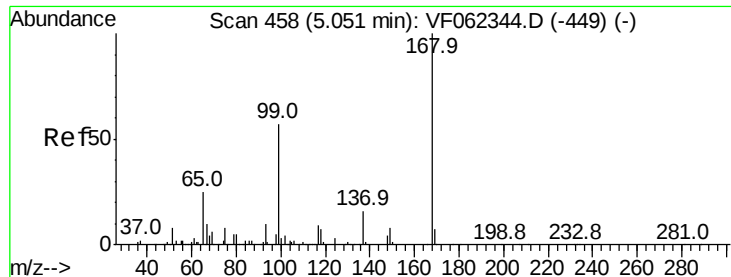
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Tue May 07 04:34:57 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.08 min Scan# 461

Delta R.T. 0.03 min

Lab File: VF062517.D

Acq: 12 May 2019 23:12

Instrument :

MSVOA_F

ClientSampleId :

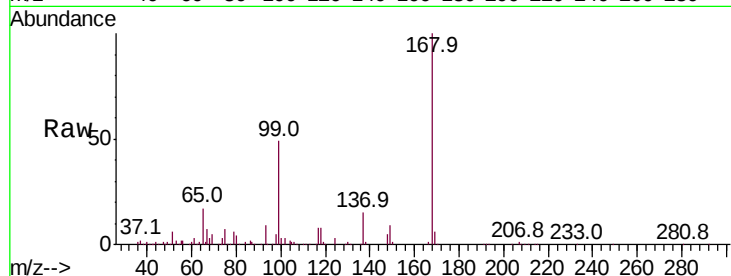
VF0512SBL02

Tot Ion:168 Resp: 292447

Ion Ratio Lower Upper

168 100

99 49.2 45.9 68.9



Abundance Ion 167.90 (167.60 to 168.60): VF0

Ion 98.90 (98.60 to 99.60): VF0

5.08

100000

80000

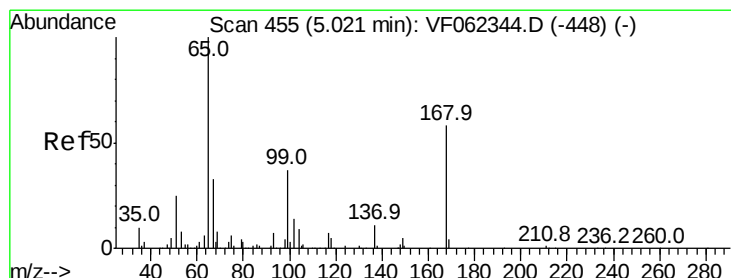
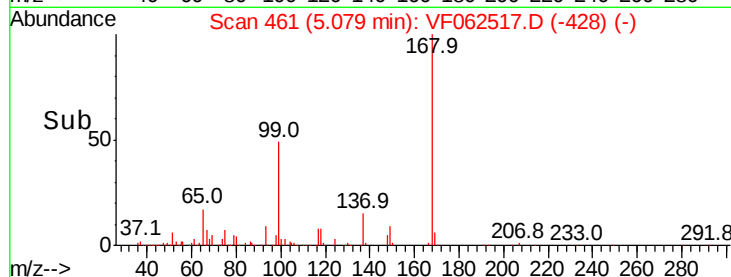
60000

40000

20000

0

Time--> 4.90 5.00 5.10 5.20 5.30



#33

1,2-Dichloroethane-d4

Concen: 56.406 ug/l

RT: 5.05 min Scan# 458

Delta R.T. 0.03 min

Lab File: VF062517.D

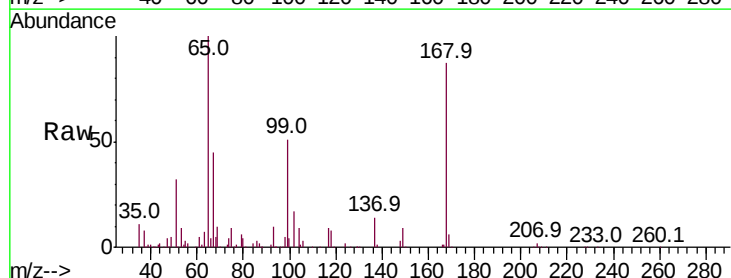
Acq: 12 May 2019 23:12

Tgt Ion: 65 Resp: 155891

Ion Ratio Lower Upper

65 100

67 44.0 0.0 85.8



Abundance Ion 64.90 (64.60 to 65.60): VF0

Ion 66.90 (66.60 to 67.60): VF0

5.05

60000

50000

40000

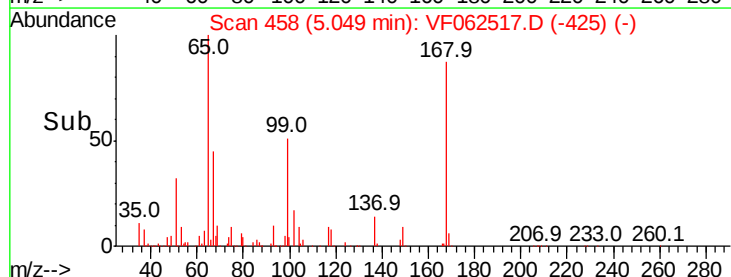
30000

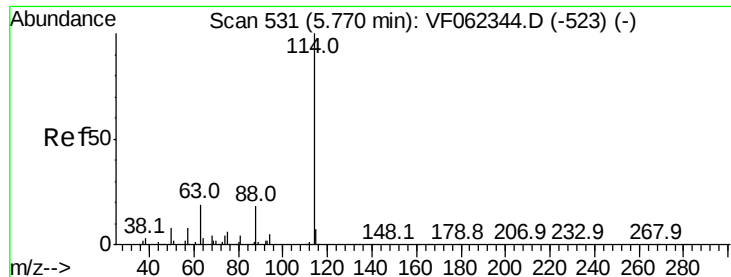
20000

10000

0

Time--> 4.90 5.00 5.10 5.20





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.79 min Scan# 533

Delta R.T. 0.02 min

Lab File: VF062517.D

Acq: 12 May 2019 23:12

Instrument :

MSVOA_F

ClientSampleId :

VF0512SBL02

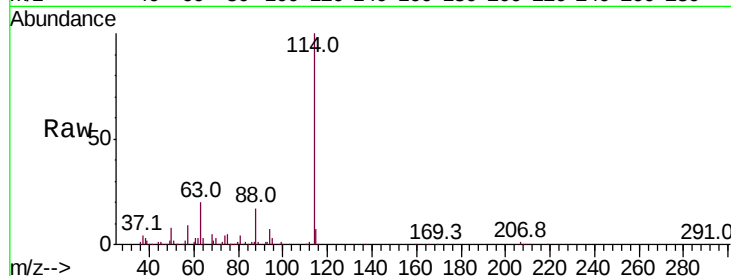
Tot Ion:114 Resp: 405721

Ion Ratio Lower Upper

114 100

63 19.6 0.0 37.4

88 16.9 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

200000

150000

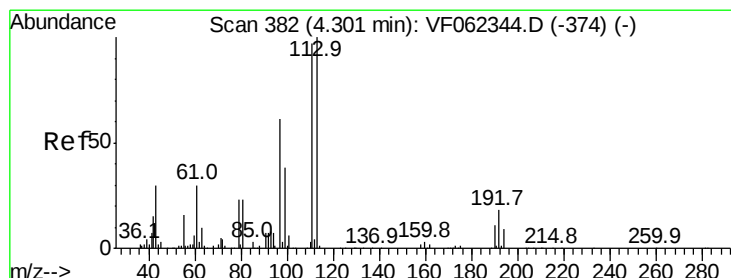
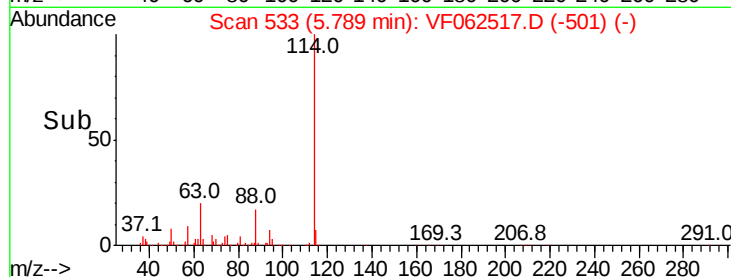
100000

50000

0

5.60 5.70 5.80 5.90 6.00

Time-->



#35

Dibromofluoromethane

Concen: 58.827 ug/l

RT: 4.33 min Scan# 385

Delta R.T. 0.03 min

Lab File: VF062517.D

Acq: 12 May 2019 23:12

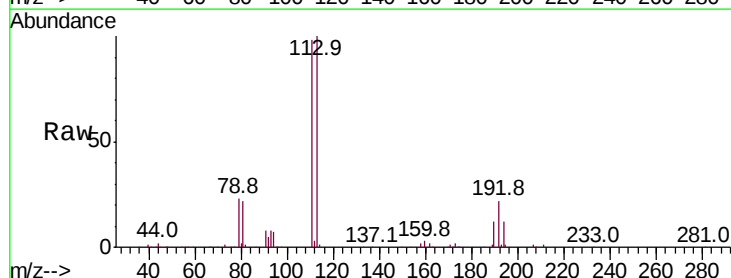
Tgt Ion:113 Resp: 190148

Ion Ratio Lower Upper

113 100

111 99.4 79.4 119.0

192 20.8 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

80000

60000

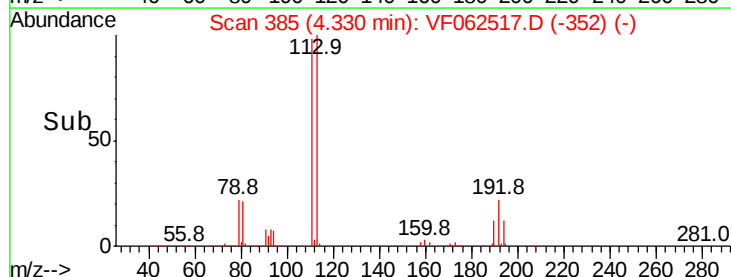
40000

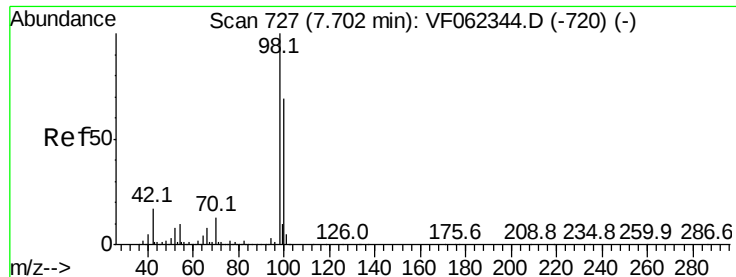
20000

0

4.20 4.30 4.40 4.50

Time-->





#50

Toluene-d8

Concen: 49.963 ug/l

RT: 7.73 min Scan# 730

Delta R.T. 0.03 min

Lab File: VF062517.D

Acq: 12 May 2019 23:12

Instrument :

MSVOA_F

ClientSampleId :

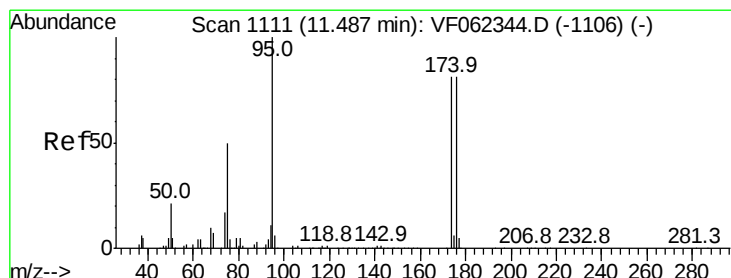
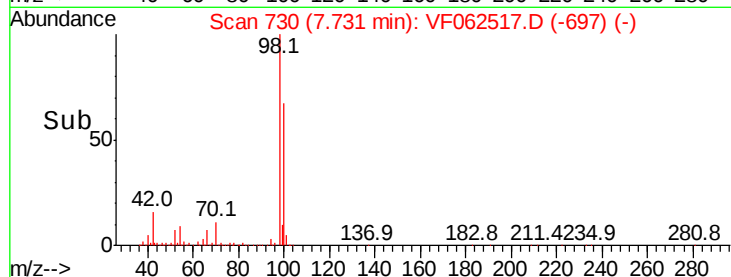
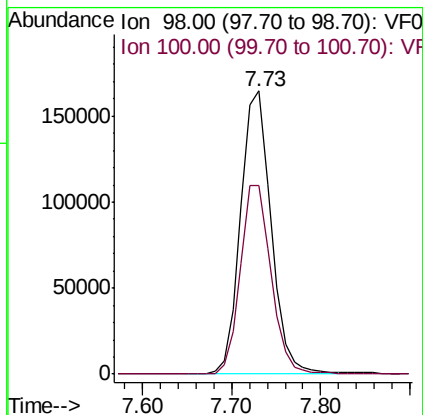
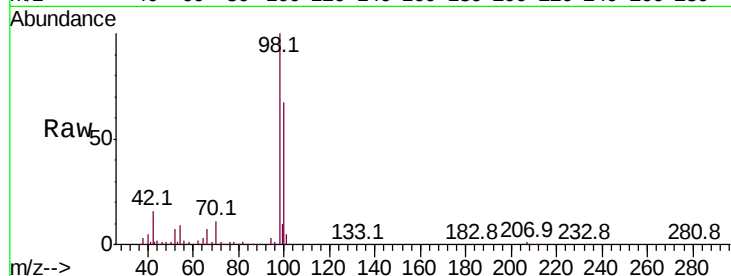
VF0512SBL02

Tot Ion: 98 Resp: 390928

Ion Ratio Lower Upper

98 100

100 67.4 53.3 79.9



#62

4-Bromofluorobenzene

Concen: 54.468 ug/l

RT: 11.51 min Scan# 1113

Delta R.T. 0.02 min

Lab File: VF062517.D

Acq: 12 May 2019 23:12

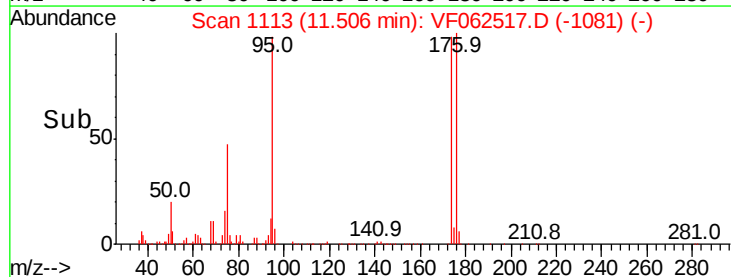
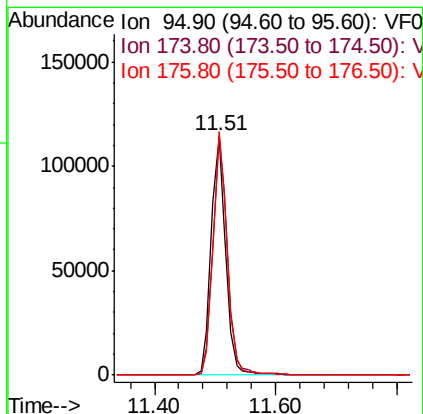
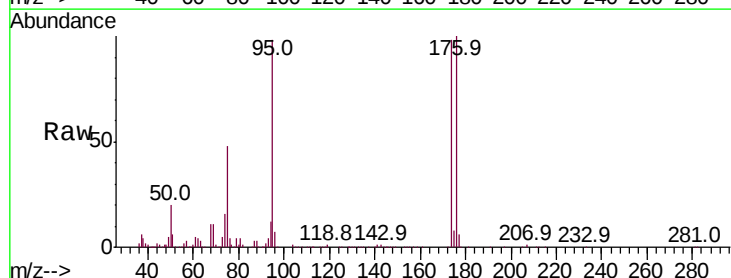
Tgt Ion: 95 Resp: 192274

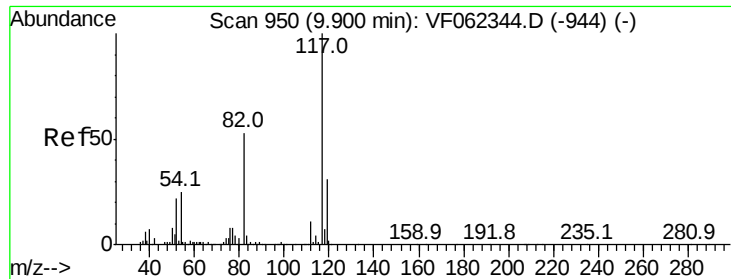
Ion Ratio Lower Upper

95 100

174 100.3 0.0 191.8

176 98.7 0.0 193.2

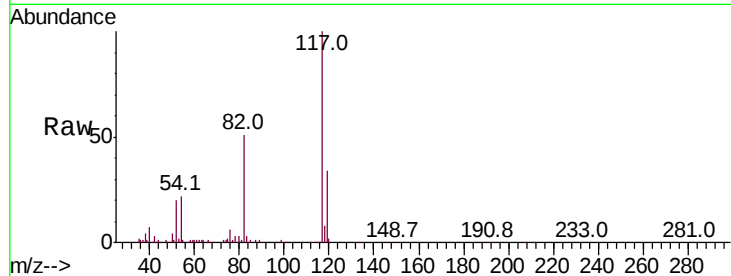




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.93 min Scan# 953
Delta R.T. 0.03 min
Lab File: VF062517.D
Acq: 12 May 2019 23:12

Instrument :
MSVOA_F
ClientSampleId :
VF0512SBL02

Tot Ion	Ratio	Lower	Upper
117	100		
82	51.3	42.2	63.2
119	33.8	25.0	37.4

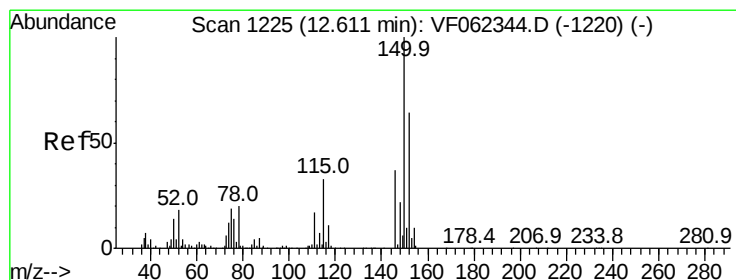
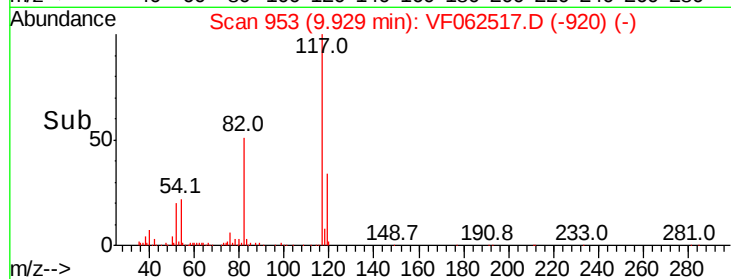
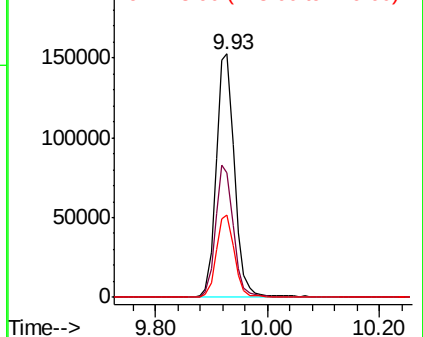


Abundance

Ion 116.90 (116.60 to 117.60): V

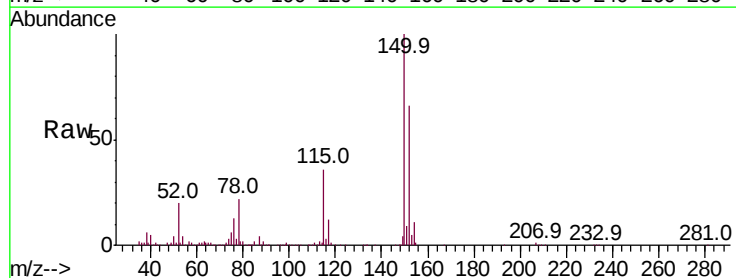
Ion 82.00 (81.70 to 82.70): VF0

Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.62 min Scan# 1226
Delta R.T. 0.01 min
Lab File: VF062517.D
Acq: 12 May 2019 23:12

Tgt Ion	Ratio	Lower	Upper
152	100		
115	53.7	26.4	79.2
150	152.4	0.0	335.0



Abundance

Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

