

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF051219\
 Data File : VF062527.D
 Acq On : 13 May 2019 3:52
 Operator : FY/SY
 Sample : K2756-08
 Misc : 6.09g/5mL/MSVOA F/SOIL
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 P021-SS006-0612-01

Quant Time: May 13 07:30:49 2019
 Quant Method : Z:\VOASRV\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	5.07	168	299692	50.00	ug/l	0.02
34) 1,4-Difluorobenzene	5.79	114	395050	50.00	ug/l	0.02
63) Chlorobenzene-d5	9.92	117	339358	50.00	ug/l	0.02
72) 1,4-Dichlorobenzene-d4	12.62	152	188563	50.00	ug/l	0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	5.05	65	117844	41.61	ug/l	0.03
Spiked Amount 50.000			Recovery	=	83.22%	
35) Dibromofluoromethane	4.33	113	146676	46.60	ug/l	0.03
Spiked Amount 50.000			Recovery	=	93.20%	
50) Toluene-d8	7.73	98	304268	39.94	ug/l	0.03
Spiked Amount 50.000			Recovery	=	79.88%	
62) 4-Bromofluorobenzene	11.51	95	126879	36.91	ug/l	0.02
Spiked Amount 50.000			Recovery	=	73.82%	

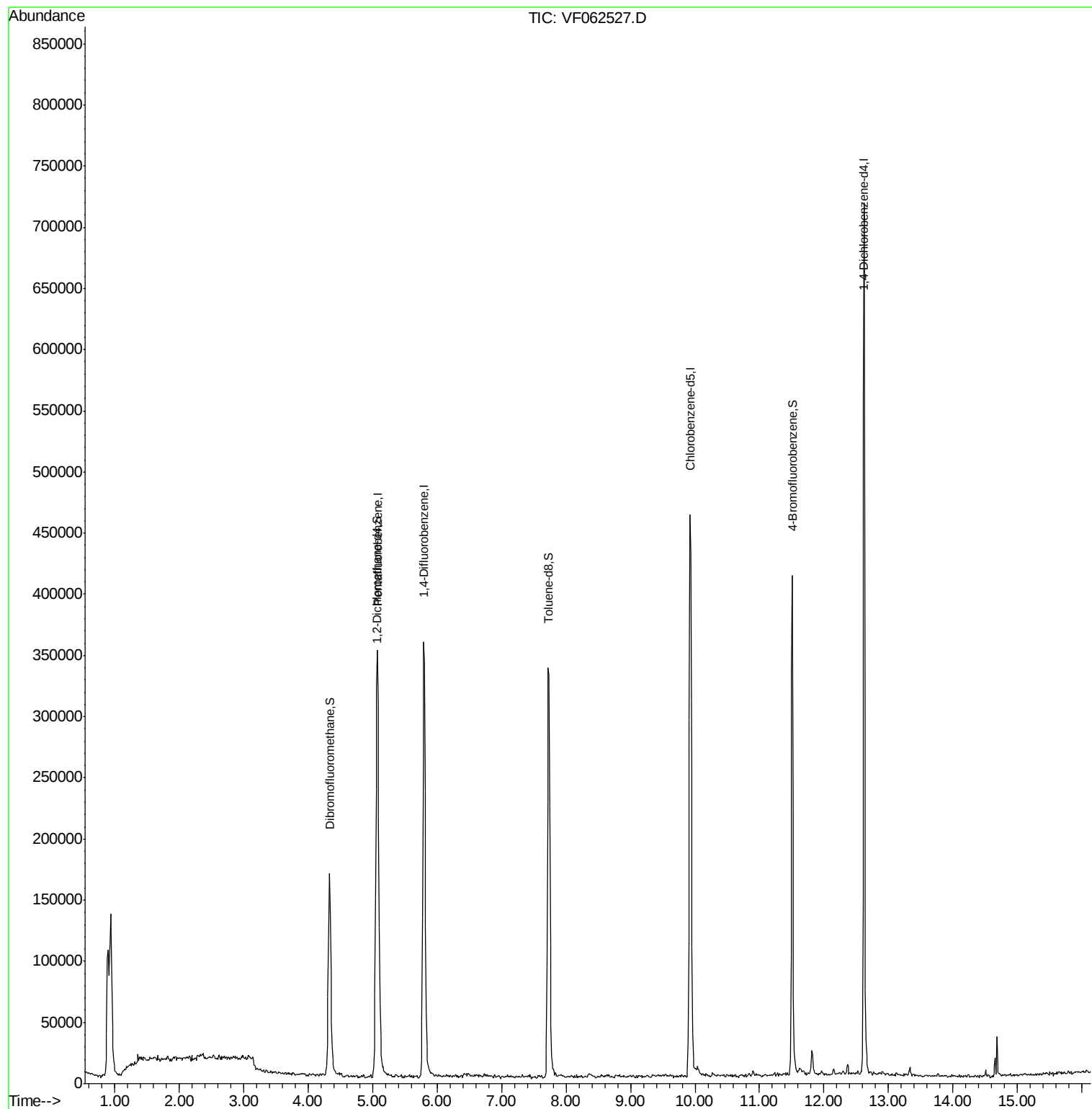
Target Compounds	Qvalue
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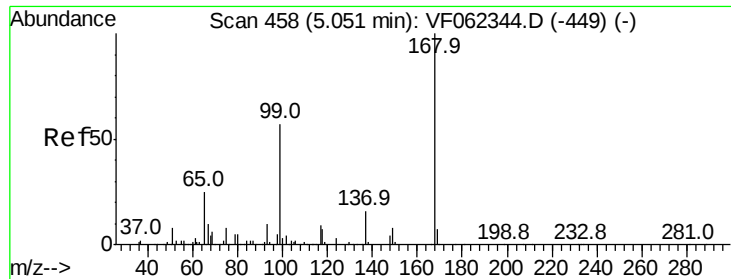
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue May 07 04:34:57 2019
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.07 min Scan# 461

Delta R.T. 0.02 min

Lab File: VF062527.D

Acq: 13 May 2019 3:52

Instrument :

MSVOA_F

ClientSampleId :

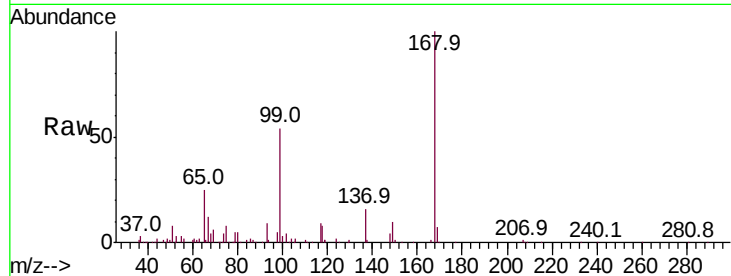
P021-SS006-0612-01

Tot Ion:168 Resp: 299692

Ion Ratio Lower Upper

168 100

99 53.8 45.9 68.9



Abundance Ion 167.90 (167.60 to 168.60): VF0

Ion 98.90 (98.60 to 99.60): VF0

5.07

120000

100000

80000

60000

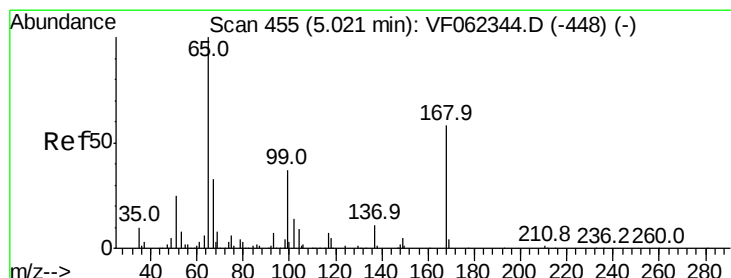
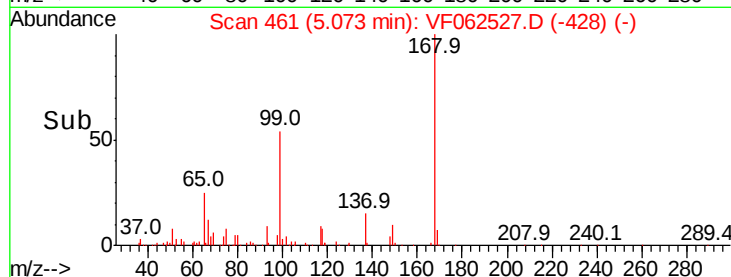
40000

20000

0

Time-->

5.00 5.20 5.40



#33

1,2-Dichloroethane-d4

Concen: 41.608 ug/l

RT: 5.05 min Scan# 459

Delta R.T. 0.03 min

Lab File: VF062527.D

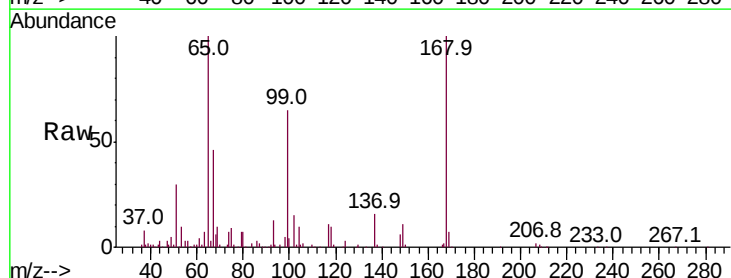
Acq: 13 May 2019 3:52

Tgt Ion: 65 Resp: 117844

Ion Ratio Lower Upper

65 100

67 47.1 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

40000

30000

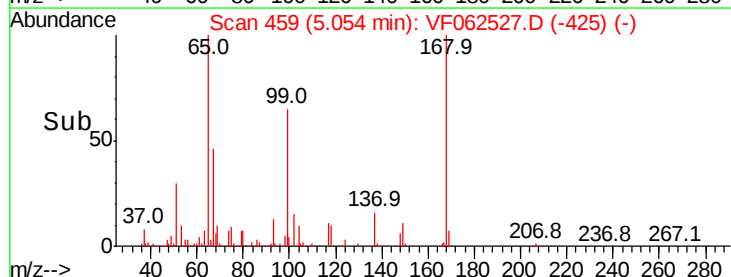
20000

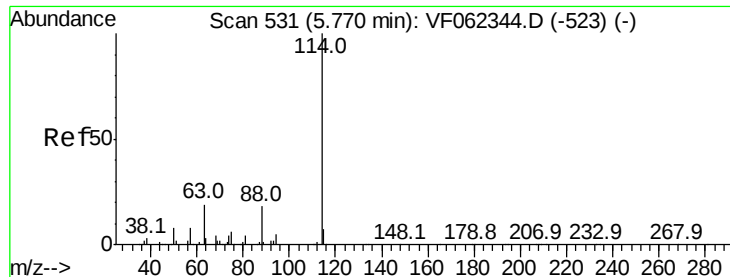
10000

0

Time-->

4.90 5.00 5.10 5.20





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.79 min Scan# 534

Delta R.T. 0.02 min

Lab File: VF062527.D

Acq: 13 May 2019 3:52

Instrument :

MSVOA_F

ClientSampleId :

P021-SS006-0612-01

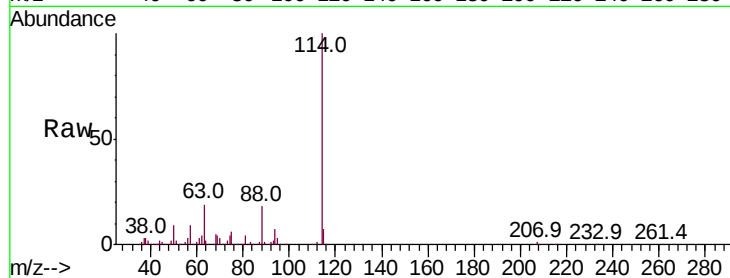
Tot Ion:114 Resp: 395050

Ion Ratio Lower Upper

114 100

63 19.1 0.0 37.4

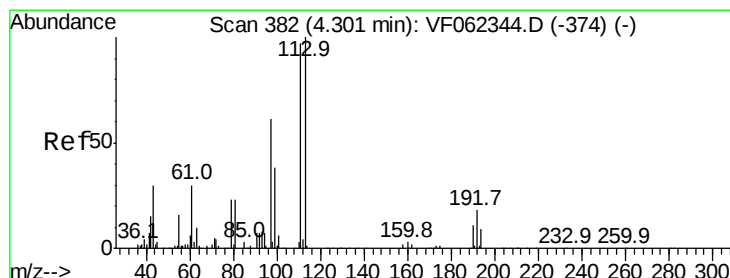
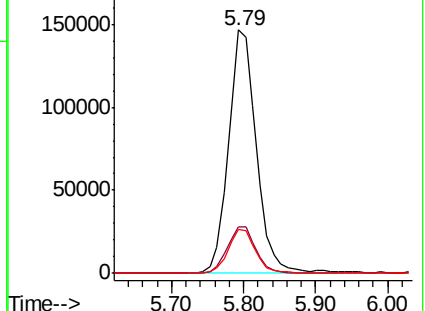
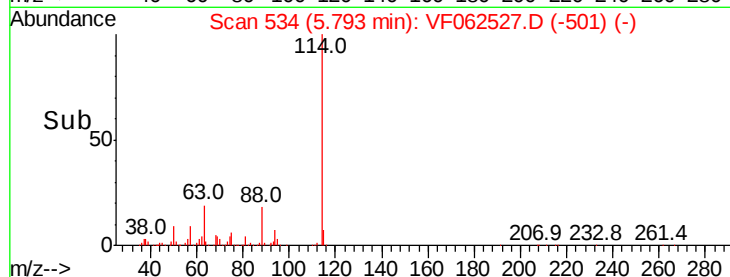
88 17.9 0.0 36.4



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



#35

Dibromofluoromethane

Concen: 46.604 ug/l

RT: 4.33 min Scan# 386

Delta R.T. 0.03 min

Lab File: VF062527.D

Acq: 13 May 2019 3:52

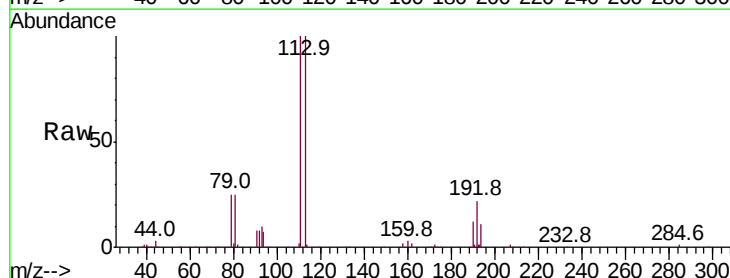
Tgt Ion:113 Resp: 146676

Ion Ratio Lower Upper

113 100

111 100.0 79.4 119.0

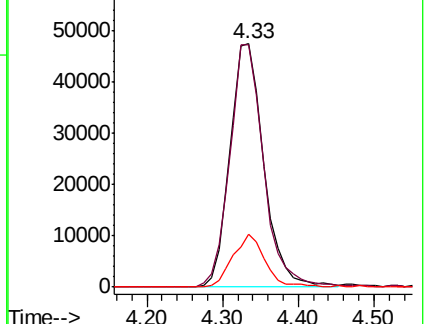
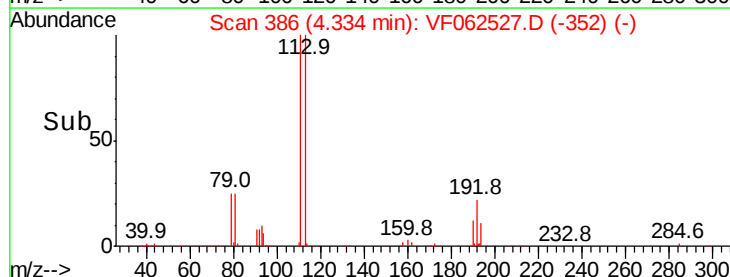
192 20.9 16.0 24.0

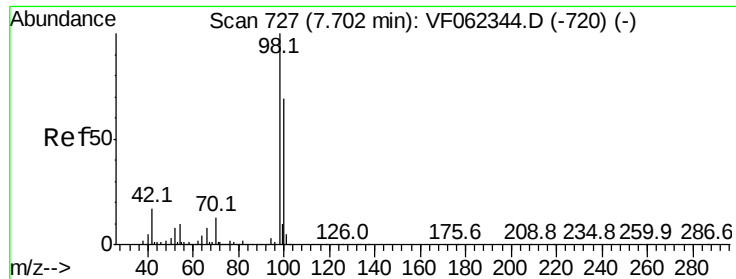


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 39.938 ug/l

RT: 7.73 min Scan# 731

Delta R.T. 0.03 min

Lab File: VF062527.D

Acq: 13 May 2019 3:52

Instrument :

MSVOA_F

ClientSampleId :

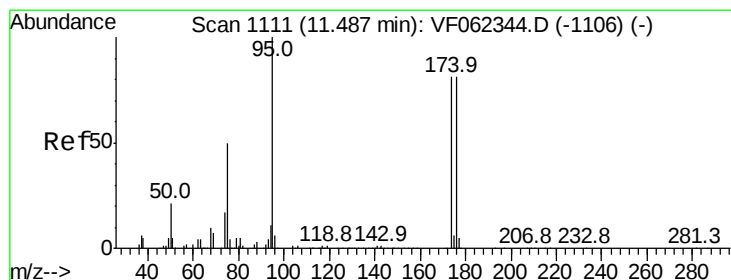
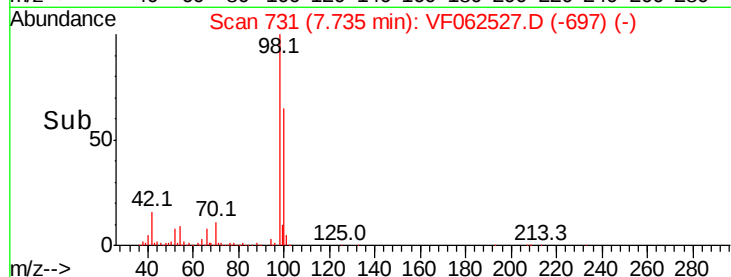
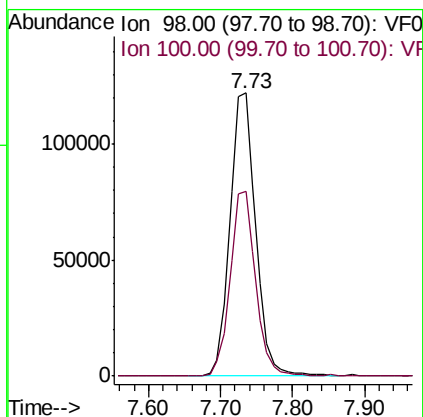
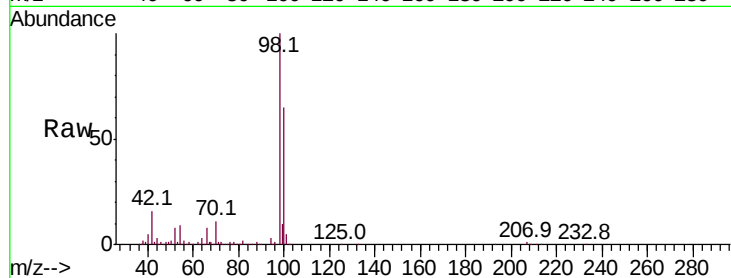
P021-SS006-0612-01

Tot Ion: 98 Resp: 304268

Ion Ratio Lower Upper

98 100

100 64.3 53.3 79.9



#62

4-Bromofluorobenzene

Concen: 36.914 ug/l

RT: 11.51 min Scan# 1114

Delta R.T. 0.02 min

Lab File: VF062527.D

Acq: 13 May 2019 3:52

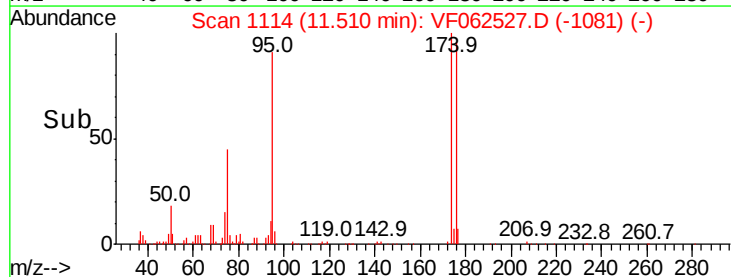
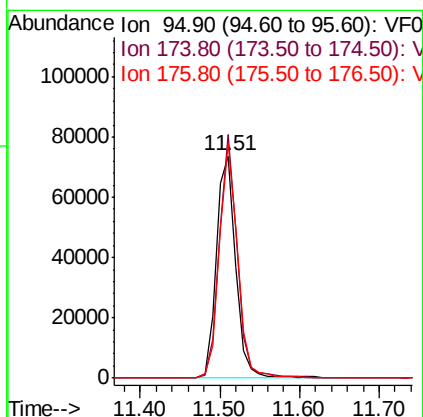
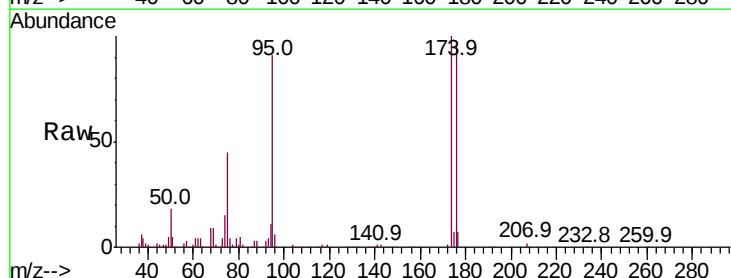
Tgt Ion: 95 Resp: 126879

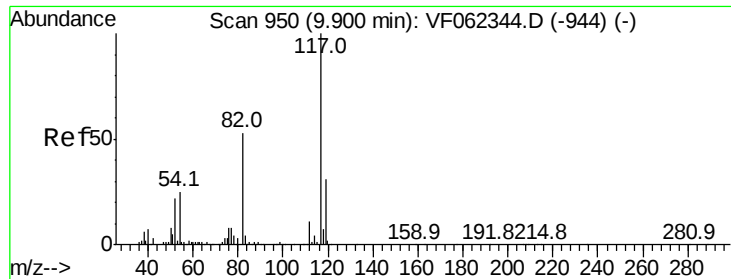
Ion Ratio Lower Upper

95 100

174 101.7 0.0 191.8

176 100.2 0.0 193.2

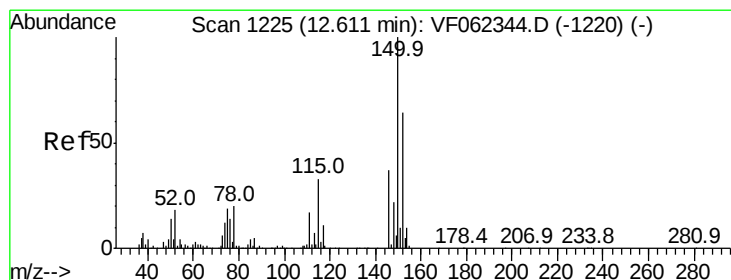
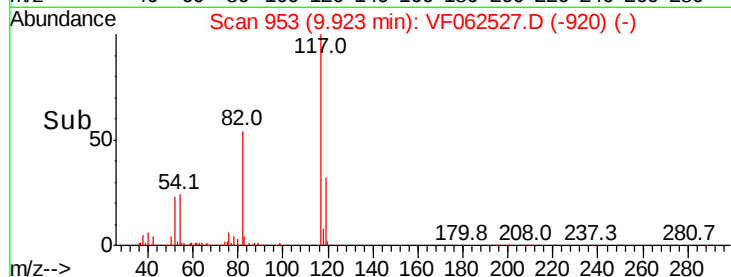
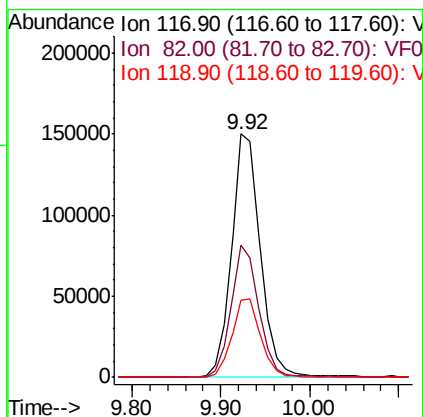
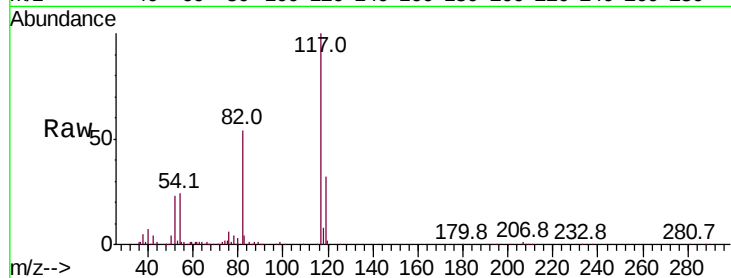




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.92 min Scan# 953
Delta R.T. 0.02 min
Lab File: VF062527.D
Acq: 13 May 2019 3:52

Instrument :
MSVOA_F
ClientSampleId :
P021-SS006-0612-01

Tot Ion	Ratio	Lower	Upper
117	100		
82	54.4	42.2	63.2
119	31.8	25.0	37.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.62 min Scan# 1227
Delta R.T. 0.01 min
Lab File: VF062527.D
Acq: 13 May 2019 3:52

Tgt Ion	Ratio	Lower	Upper
152	100		
115	54.7	26.4	79.2
150	152.4	0.0	335.0

