

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF051219\
 Data File : VF062529.D
 Acq On : 13 May 2019 4:48
 Operator : FY/SY
 Sample : K2756-10
 Misc : 6.40g/5mL/MSVOA F/SOIL
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 P021-SS006-1824-01

Quant Time: May 13 07:38:02 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	286031	50.00	ug/l	0.02
34) 1,4-Difluorobenzene	5.79	114	372744	50.00	ug/l	0.02
63) Chlorobenzene-d5	9.92	117	303345	50.00	ug/l	0.02
72) 1,4-Dichlorobenzene-d4	12.62	152	164425	50.00	ug/l	0.01

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.05	65	115145	42.60	ug/l	0.03
Spiked Amount	50.000		Recovery	=	85.20%	
35) Dibromofluoromethane	4.33	113	141173	47.54	ug/l	0.03
Spiked Amount	50.000		Recovery	=	95.08%	
50) Toluene-d8	7.73	98	290322	40.39	ug/l	0.02
Spiked Amount	50.000		Recovery	=	80.78%	
62) 4-Bromofluorobenzene	11.51	95	121907	37.59	ug/l	0.02
Spiked Amount	50.000		Recovery	=	75.18%	

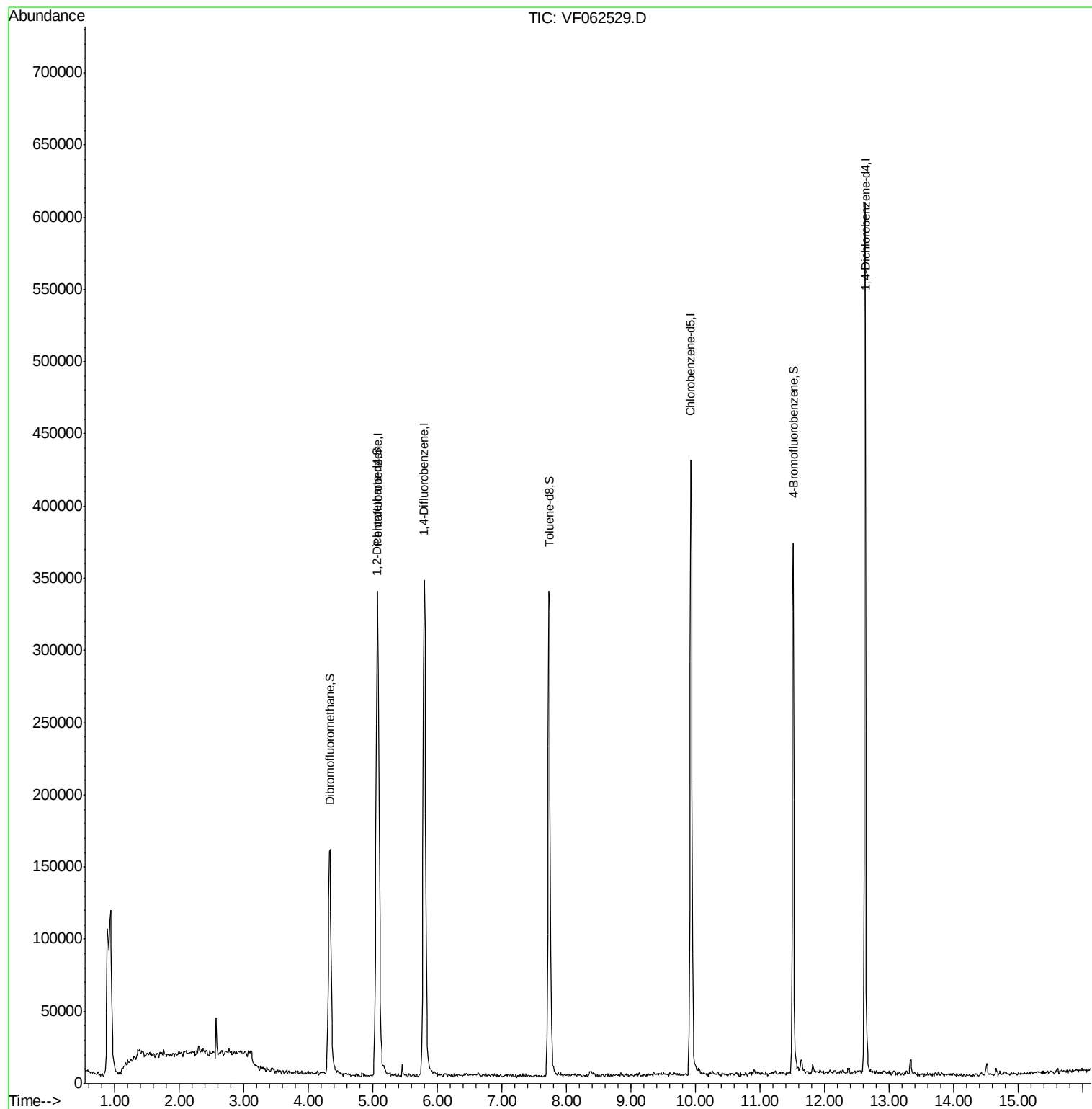
Target Compounds	Qvalue

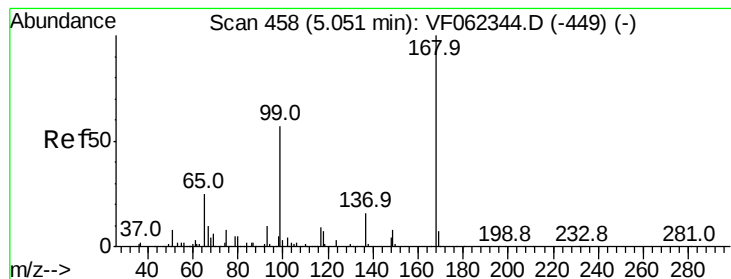
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Tue May 07 04:34:57 2019
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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: VF062529.D

Acq: 13 May 2019 4:48

Instrument :

MSVOA_F

ClientSampleId :

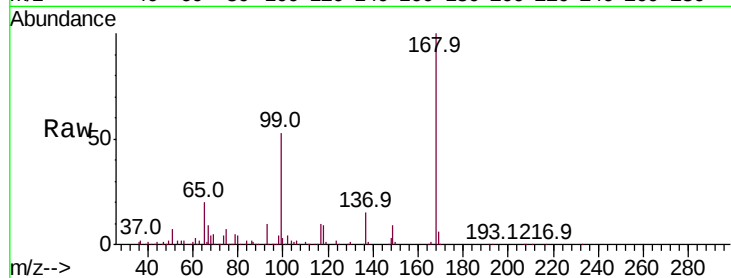
P021-SS006-1824-01

Tot Ion:168 Resp: 286031

Ion Ratio Lower Upper

168 100

99 53.1 45.9 68.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VF0

5.07

100000

80000

60000

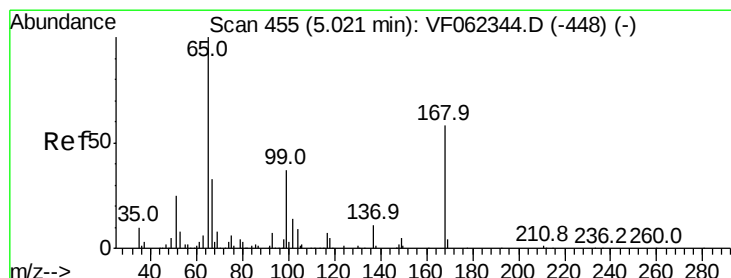
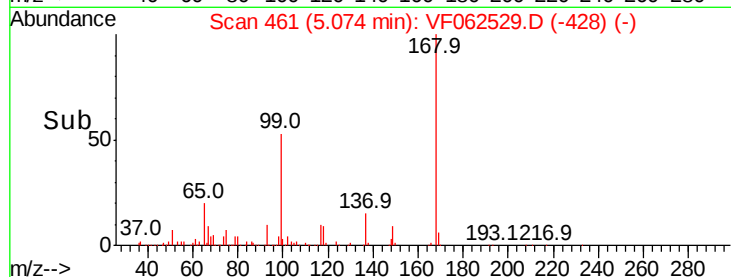
40000

20000

0

Time-->

4.90 5.00 5.10 5.20 5.30



#33

1,2-Dichloroethane-d4

Concen: 42.597 ug/l

RT: 5.05 min Scan# 459

Delta R.T. 0.03 min

Lab File: VF062529.D

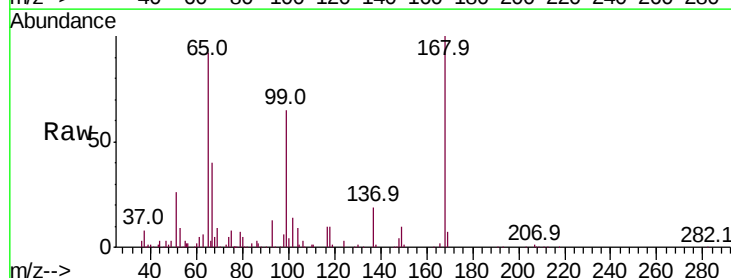
Acq: 13 May 2019 4:48

Tgt Ion: 65 Resp: 115145

Ion Ratio Lower Upper

65 100

67 46.2 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

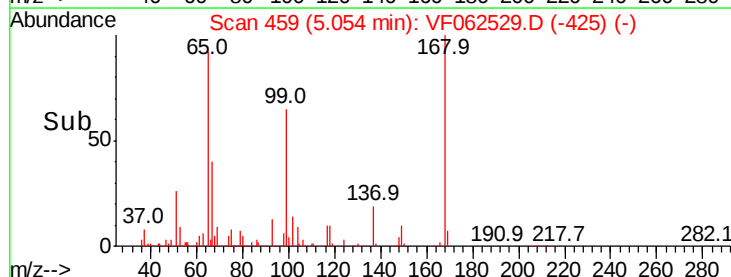
20000

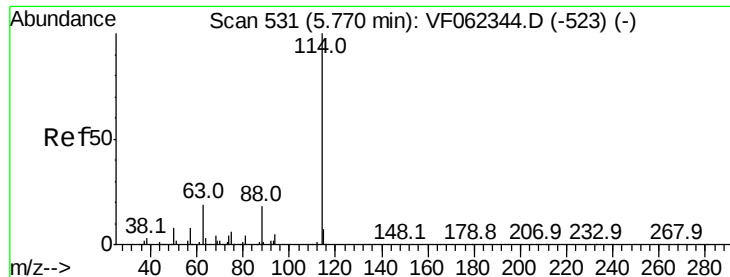
10000

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: VF062529.D

Acq: 13 May 2019 4:48

Instrument :

MSVOA_F

ClientSampleId :

P021-SS006-1824-01

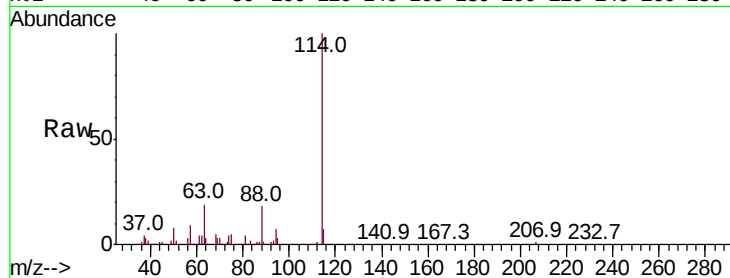
Tot Ion:114 Resp: 372744

Ion Ratio Lower Upper

114 100

63 18.9 0.0 37.4

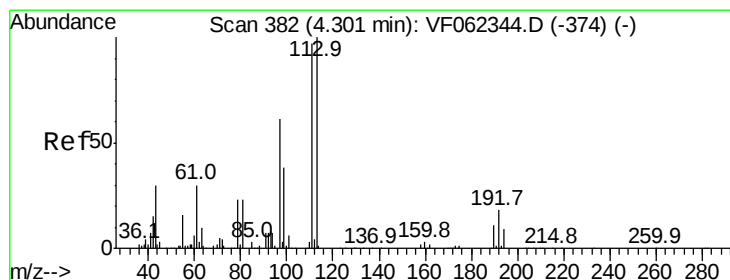
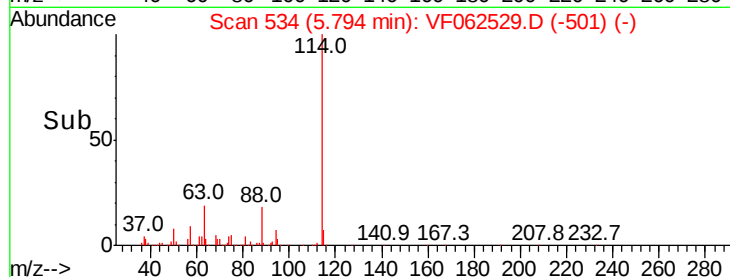
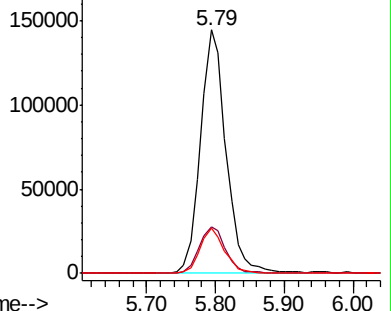
88 18.4 0.0 36.4



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: 47.540 ug/l

RT: 4.33 min Scan# 386

Delta R.T. 0.03 min

Lab File: VF062529.D

Acq: 13 May 2019 4:48

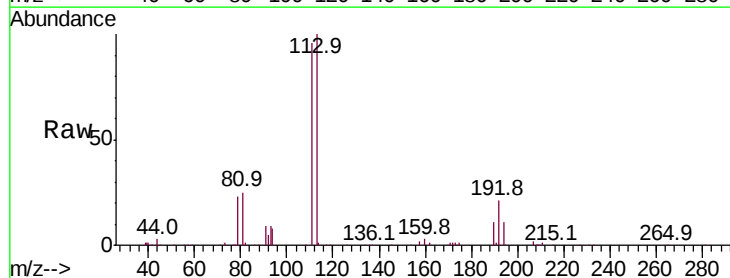
Tgt Ion:113 Resp: 141173

Ion Ratio Lower Upper

113 100

111 100.6 79.4 119.0

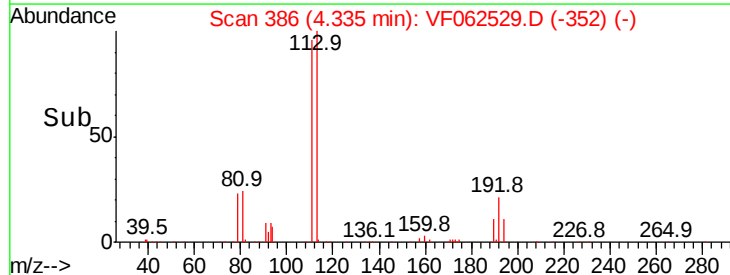
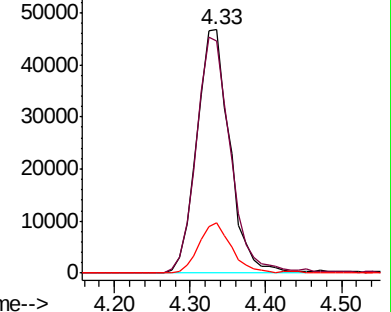
192 20.5 16.0 24.0

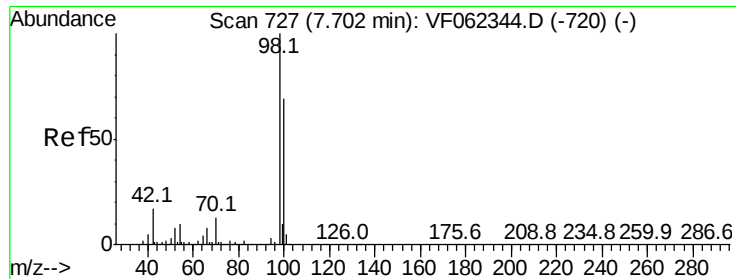


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 40.388 ug/l

RT: 7.73 min Scan# 730

Delta R.T. 0.02 min

Lab File: VF062529.D

Acq: 13 May 2019 4:48

Instrument :

MSVOA_F

ClientSampleId :

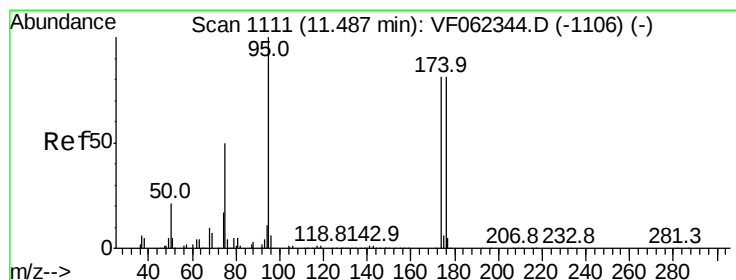
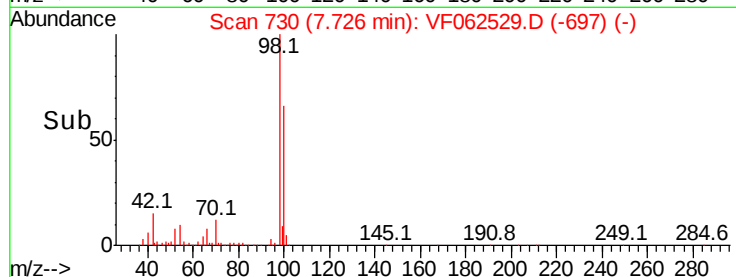
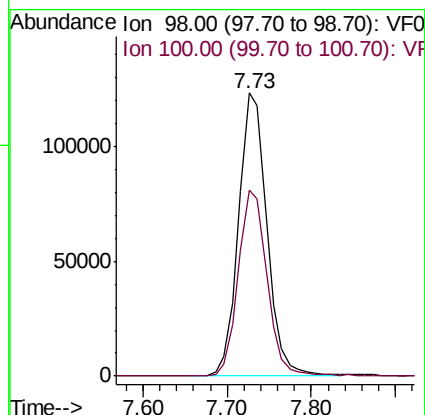
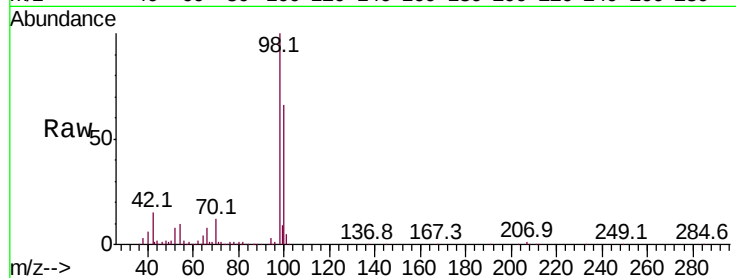
P021-SS006-1824-01

Tot Ion: 98 Resp: 290322

Ion Ratio Lower Upper

98 100

100 66.7 53.3 79.9



#62

4-Bromofluorobenzene

Concen: 37.590 ug/l

RT: 11.51 min Scan# 1114

Delta R.T. 0.02 min

Lab File: VF062529.D

Acq: 13 May 2019 4:48

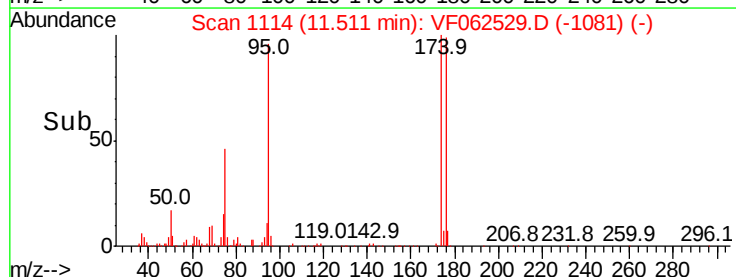
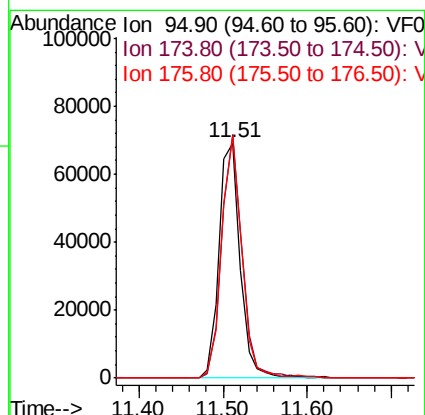
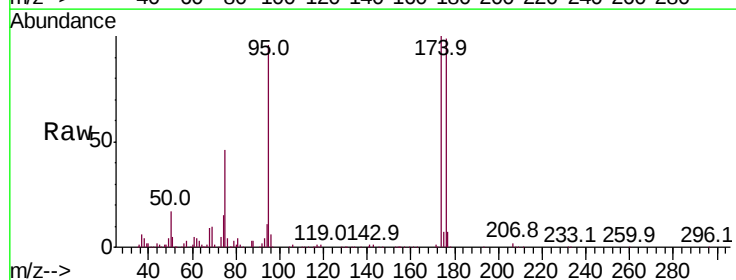
Tgt Ion: 95 Resp: 121907

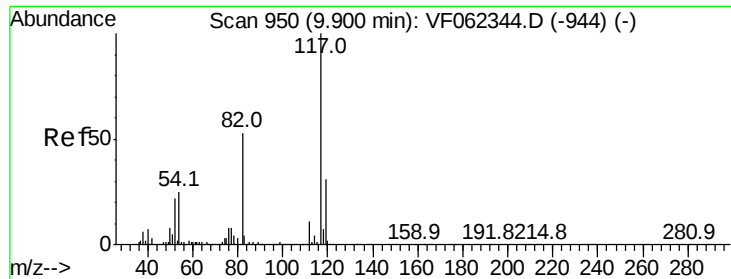
Ion Ratio Lower Upper

95 100

174 99.4 0.0 191.8

176 98.1 0.0 193.2

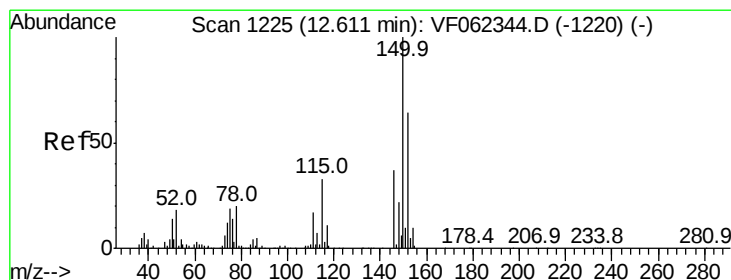
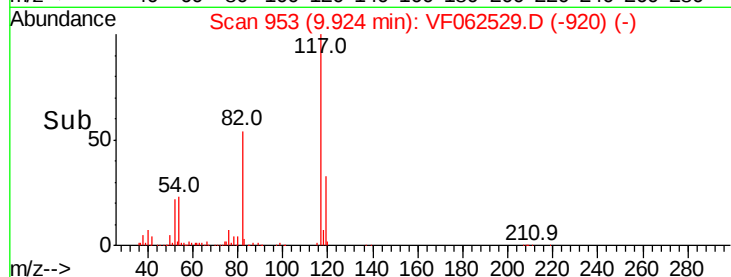
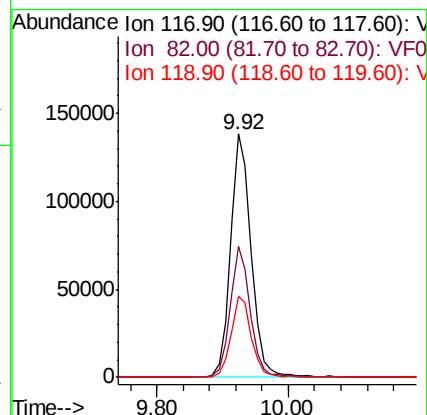
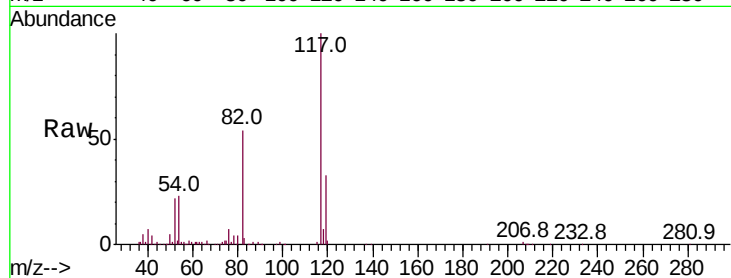




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.92 min Scan# 953
Delta R.T. 0.02 min
Lab File: VF062529.D
Acq: 13 May 2019 4:48

Instrument :
MSVOA_F
ClientSampleId :
P021-SS006-1824-01

Tot Ion	Ratio	Lower	Upper
117	100		
82	54.0	42.2	63.2
119	33.1	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: VF062529.D
Acq: 13 May 2019 4:48

Tgt Ion	Ratio	Lower	Upper
152	100		
115	55.7	26.4	79.2
150	157.5	0.0	335.0

