

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF051219\
 Data File : VF062528.D
 Acq On : 13 May 2019 4:20
 Operator : FY/SY
 Sample : K2756-09
 Misc : 7.02g/5mL/MSVOA F/SOIL
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 P021-SS006-1218-01

Quant Time: May 13 07:36:23 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	5.08	168	306463	50.00	ug/l	0.03
34) 1,4-Difluorobenzene	5.80	114	407659	50.00	ug/l	0.03
63) Chlorobenzene-d5	9.93	117	346848	50.00	ug/l	0.03
72) 1,4-Dichlorobenzene-d4	12.62	152	189961	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.06	65	106913	36.91	ug/l	0.04
Spiked Amount	50.000		Recovery	=	73.82%	
35) Dibromofluoromethane	4.33	113	136446	42.01	ug/l	0.03
Spiked Amount	50.000		Recovery	=	84.02%	
50) Toluene-d8	7.73	98	269451	34.27	ug/l	0.03
Spiked Amount	50.000		Recovery	=	68.54%	
62) 4-Bromofluorobenzene	11.51	95	114270	32.22	ug/l	0.02
Spiked Amount	50.000		Recovery	=	64.44%	

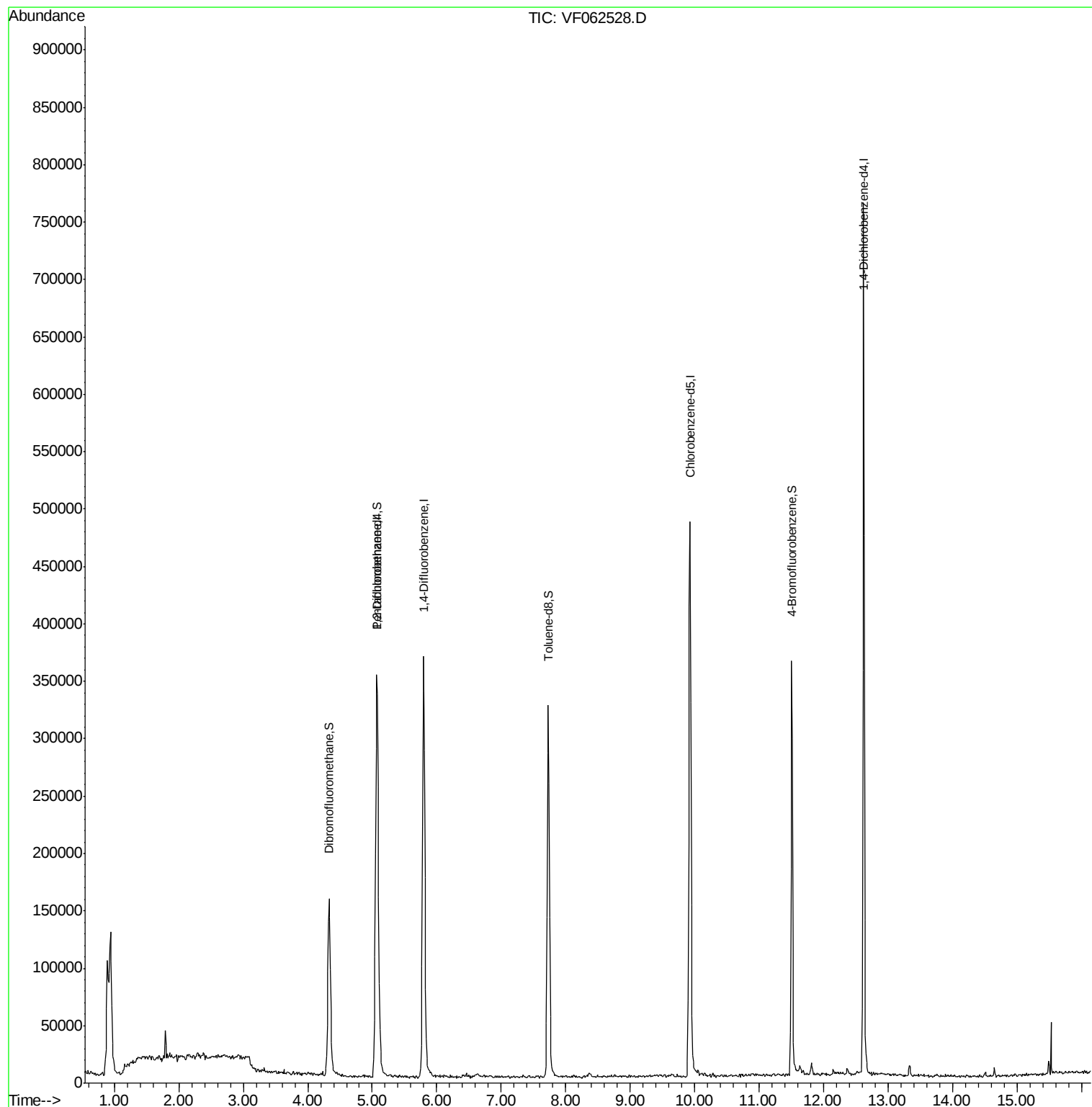
Target Compounds	Qvalue

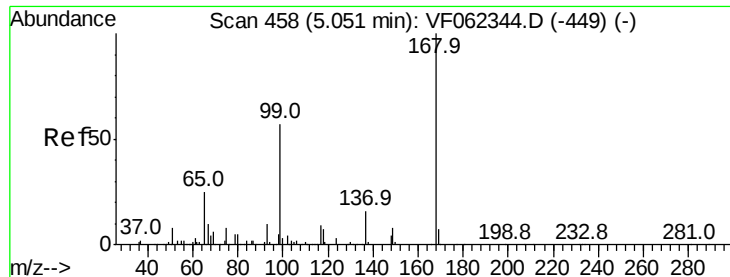
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VF062528.D

Acq: 13 May 2019 4:20

Instrument :

MSVOA_F

ClientSampleId :

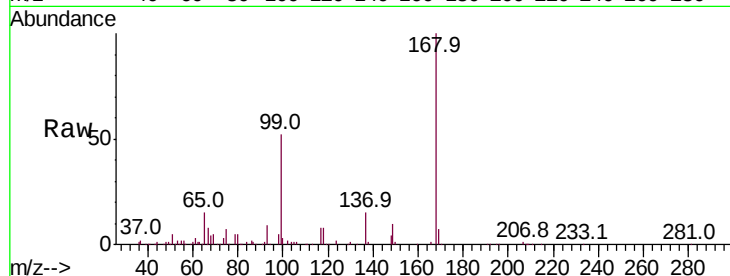
P021-SS006-1218-01

Tot Ion:168 Resp: 306463

Ion Ratio Lower Upper

168 100

99 51.8 45.9 68.9



Abundance Ion 167.90 (167.60 to 168.60): VF0

Ion 98.90 (98.60 to 99.60): VF0

5.08

120000

100000

80000

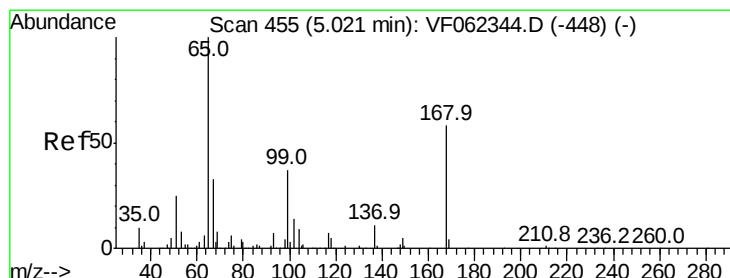
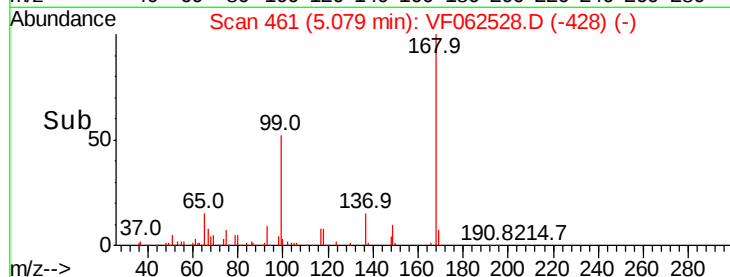
60000

40000

20000

0

Time--> 4.90 5.00 5.10 5.20 5.30



#33

1,2-Dichloroethane-d4

Concen: 36.915 ug/l

RT: 5.06 min Scan# 459

Delta R.T. 0.04 min

Lab File: VF062528.D

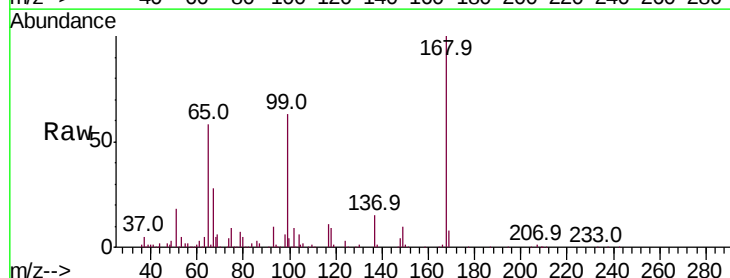
Acq: 13 May 2019 4:20

Tgt Ion: 65 Resp: 106913

Ion Ratio Lower Upper

65 100

67 48.2 0.0 85.8



Abundance Ion 64.90 (64.60 to 65.60): VF0

Ion 66.90 (66.60 to 67.60): VF0

5.06

40000

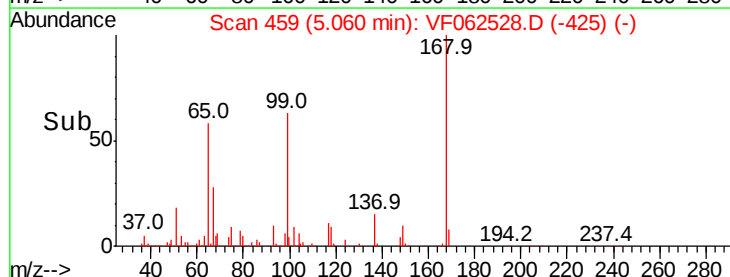
30000

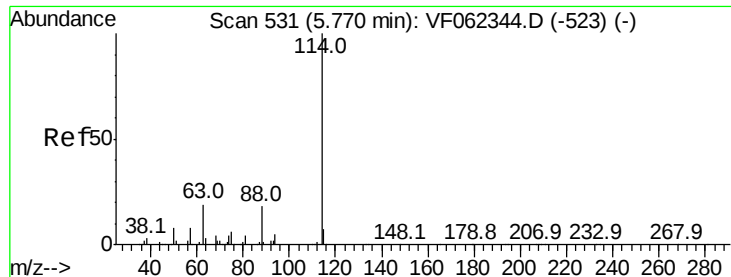
20000

10000

0

Time--> 4.90 5.00 5.10 5.20 5.30





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.80 min Scan# 534

Delta R.T. 0.03 min

Lab File: VF062528.D

Acq: 13 May 2019 4:20

Instrument :

MSVOA_F

ClientSampleId :

P021-SS006-1218-01

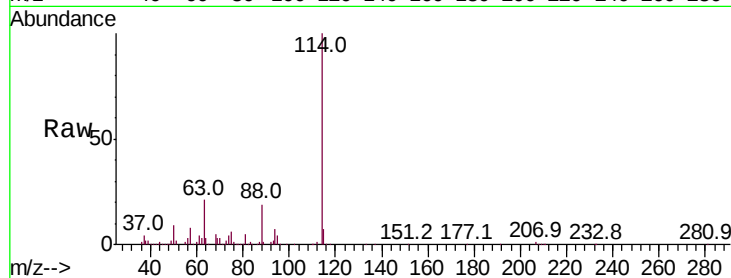
Tot Ion:114 Resp: 407659

Ion Ratio Lower Upper

114 100

63 21.1 0.0 37.4

88 19.4 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

200000

150000

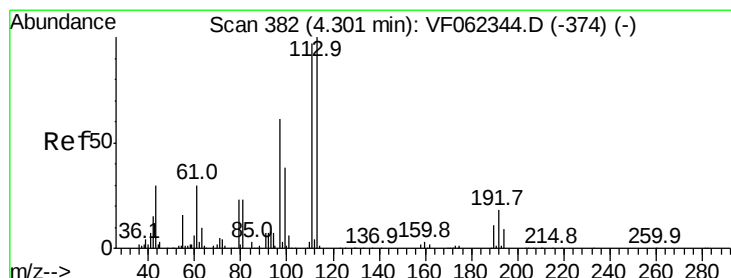
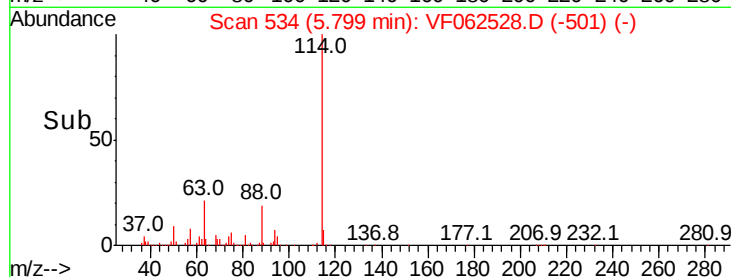
100000

50000

0

5.70 5.80 5.90 6.00

Time-->



#35

Dibromofluoromethane

Concen: 42.012 ug/l

RT: 4.33 min Scan# 385

Delta R.T. 0.03 min

Lab File: VF062528.D

Acq: 13 May 2019 4:20

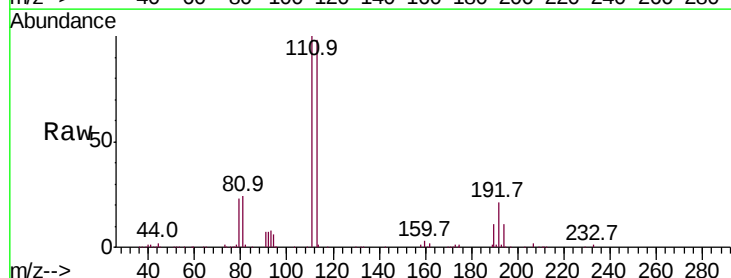
Tgt Ion:113 Resp: 136446

Ion Ratio Lower Upper

113 100

111 102.3 79.4 119.0

192 21.7 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

60000

50000

40000

30000

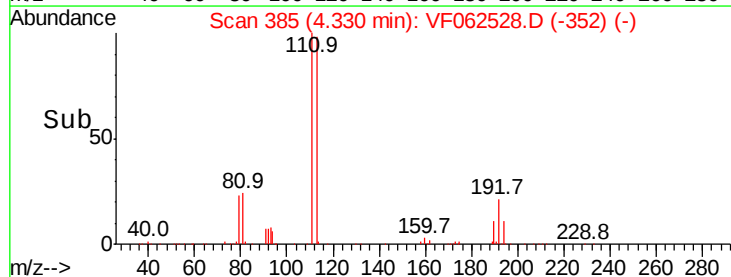
20000

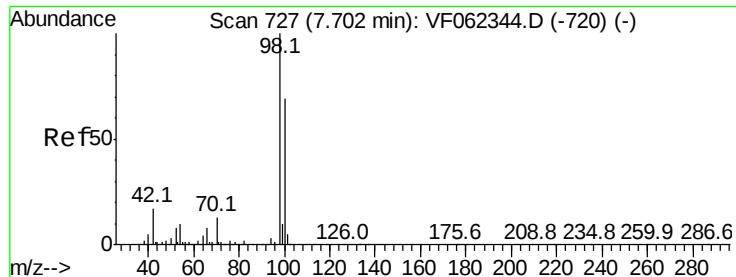
10000

0

4.20 4.30 4.40 4.50

Time-->





#50

Toluene-d8

Concen: 34.274 ug/l

RT: 7.73 min Scan# 730

Delta R.T. 0.03 min

Lab File: VF062528.D

Acq: 13 May 2019 4:20

Instrument :

MSVOA_F

ClientSampleId :

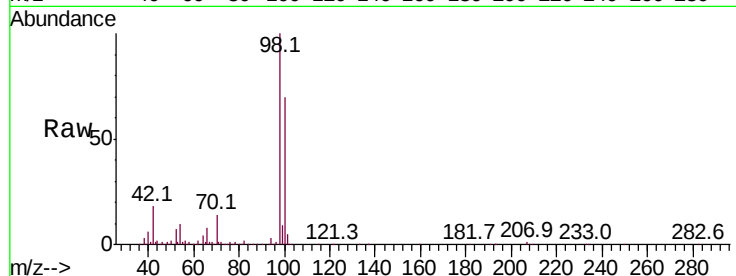
P021-SS006-1218-01

Tot Ion: 98 Resp: 269451

Ion Ratio Lower Upper

98 100

100 68.6 53.3 79.9



Abundance Ion 98.00 (97.70 to 98.70): VF0

Ion 100.00 (99.70 to 100.70): VF

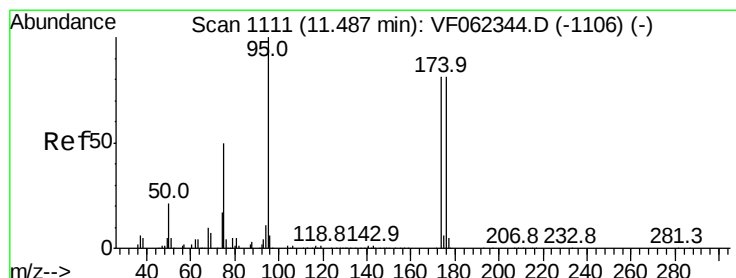
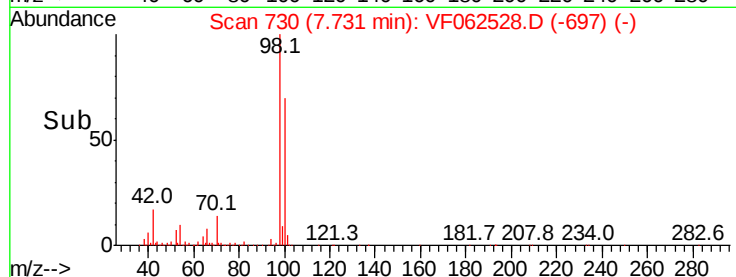
7.73

100000

50000

0

Time--> 7.60 7.70 7.80 7.90



#62

4-Bromofluorobenzene

Concen: 32.217 ug/l

RT: 11.51 min Scan# 1113

Delta R.T. 0.02 min

Lab File: VF062528.D

Acq: 13 May 2019 4:20

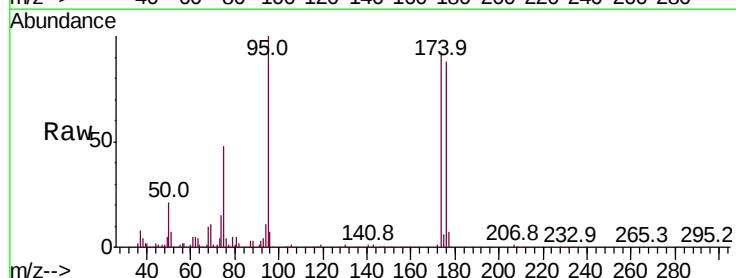
Tgt Ion: 95 Resp: 114270

Ion Ratio Lower Upper

95 100

174 100.5 0.0 191.8

176 99.3 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

11.51

80000

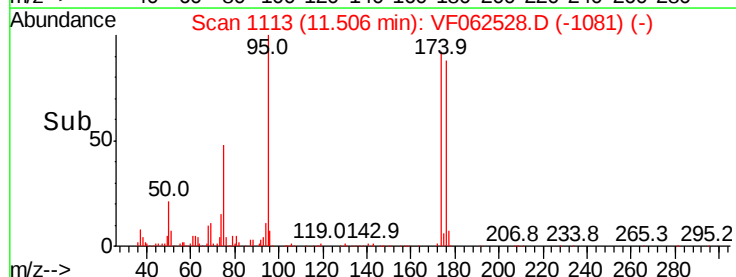
60000

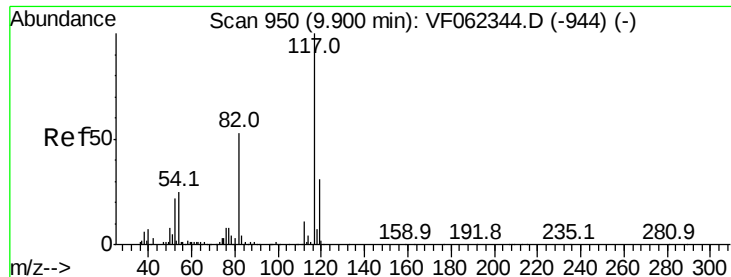
40000

20000

0

Time--> 11.40 11.50 11.60 11.70

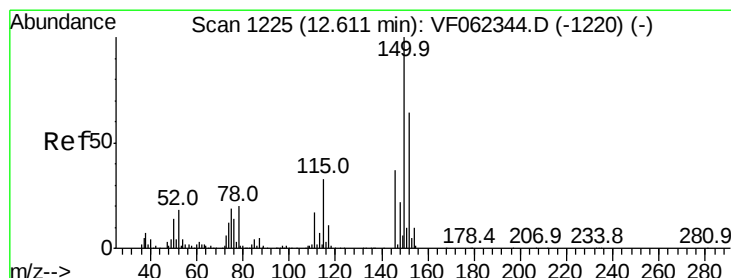
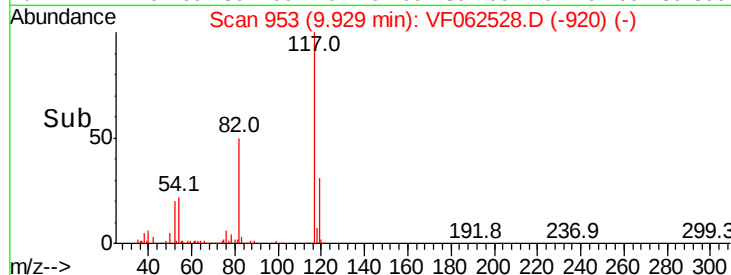
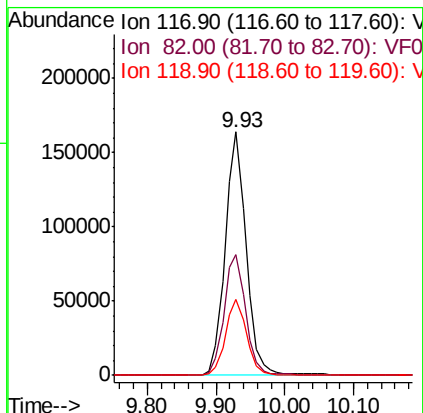
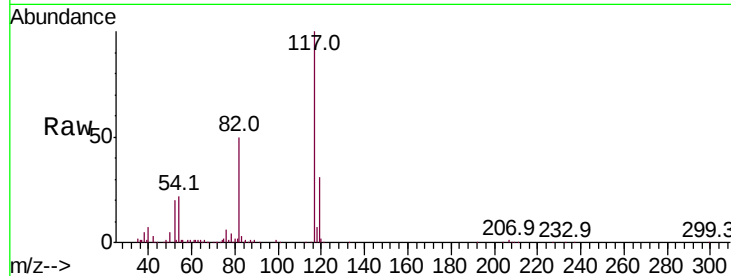




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.93 min Scan# 953
Delta R.T. 0.03 min
Lab File: VF062528.D
Acq: 13 May 2019 4:20

Instrument :
MSVOA_F
ClientSampleId :
P021-SS006-1218-01

Tot Ion	Ratio	Lower	Upper
117	100		
82	49.7	42.2	63.2
119	31.4	25.0	37.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.62 min Scan# 1226
Delta R.T. 0.01 min
Lab File: VF062528.D
Acq: 13 May 2019 4:20

Tgt Ion	Ratio	Lower	Upper
152	100		
115	54.6	26.4	79.2
150	152.9	0.0	335.0

