

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF051219\
 Data File : VF062514.D
 Acq On : 12 May 2019 20:24
 Operator : FY/SY
 Sample : K2734-20RE
 Misc : 5.85g/5mL/MSVOA F/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 P026-SS014-1824-01RE

Quant Time: May 13 06:49:15 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	251268	50.00	ug/l	0.03
34) 1,4-Difluorobenzene	5.80	114	336714	50.00	ug/l	0.03
63) Chlorobenzene-d5	9.93	117	254185	50.00	ug/l	0.03
72) 1,4-Dichlorobenzene-d4	12.62	152	112219	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	5.05	65	100054	42.14	ug/l	0.03
Spiked Amount			Recovery	=	84.28%	
35) Dibromofluoromethane	4.33	113	121268	45.21	ug/l	0.03
Spiked Amount			Recovery	=	90.42%	
50) Toluene-d8	7.73	98	231415	35.64	ug/l	0.03
Spiked Amount			Recovery	=	71.28%	
62) 4-Bromofluorobenzene	11.51	95	87518	29.87	ug/l	0.02
Spiked Amount			Recovery	=	59.74%	

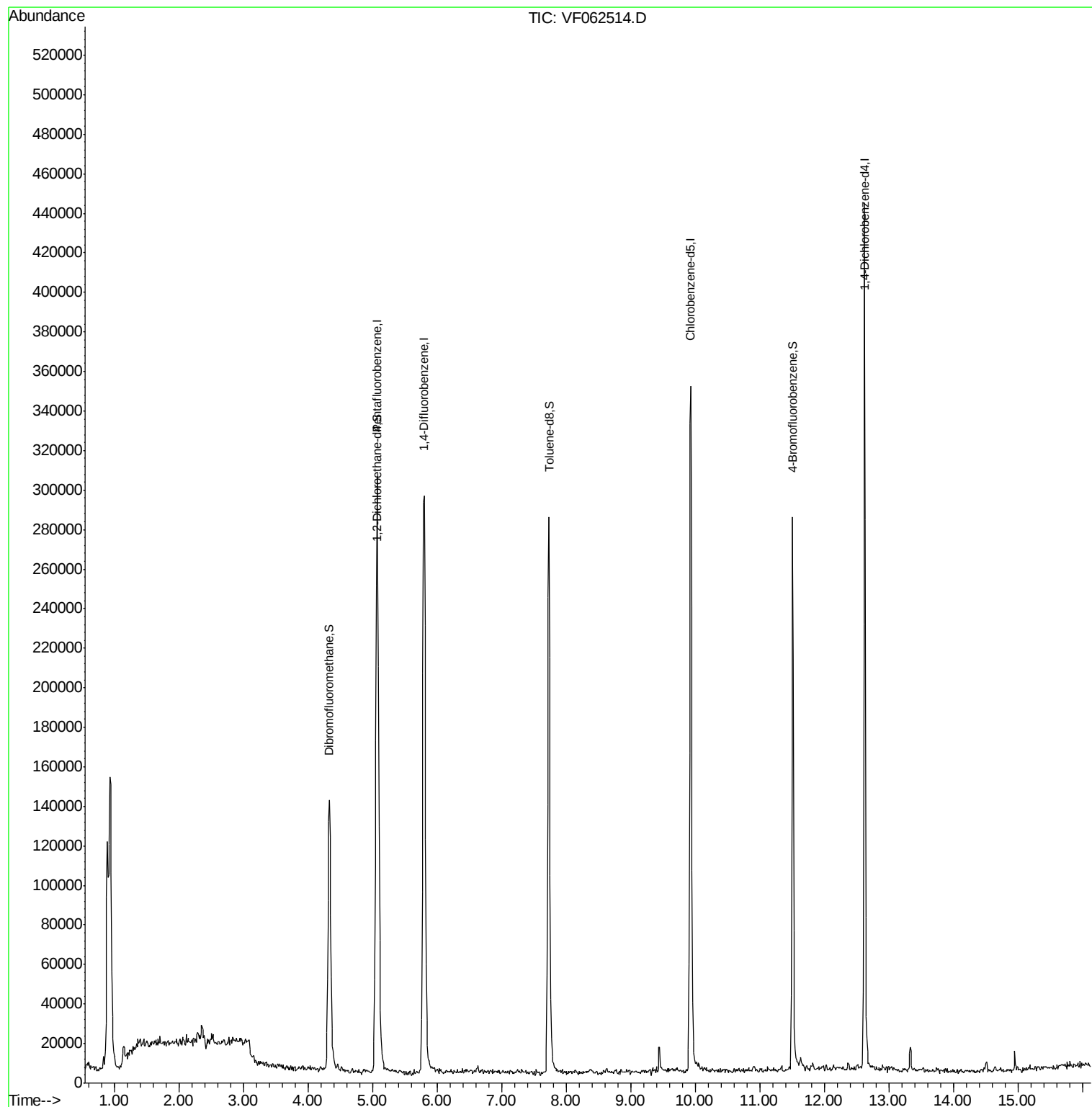
Target Compounds	Qvalue
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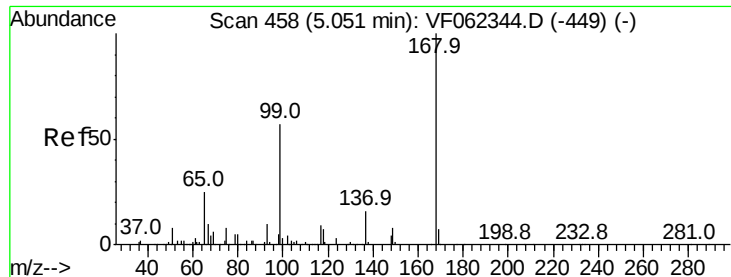
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Tue May 07 04:34:57 2019
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.08 min Scan# 461

Delta R.T. 0.03 min

Lab File: VF062514.D

Acq: 12 May 2019 20:24

Instrument :

MSVOA_F

ClientSampleId :

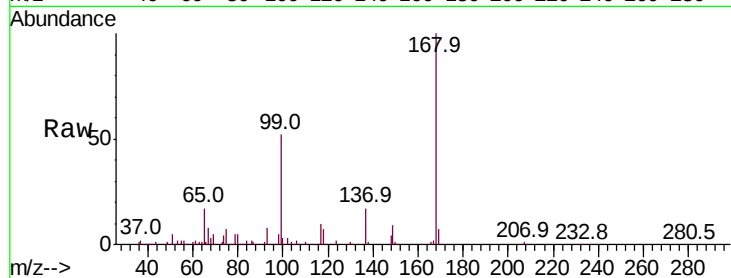
P026-SS014-1824-01RE

Tot Ion:168 Resp: 251268

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

80000

60000

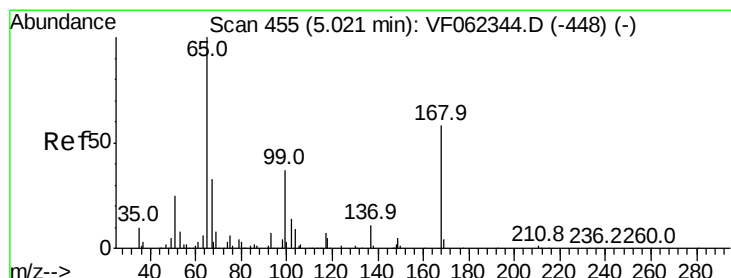
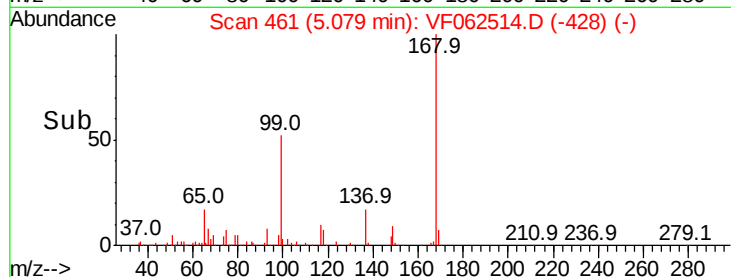
40000

20000

0

Time-->

5.00 5.10 5.20



#33

1,2-Dichloroethane-d4

Concen: 42.135 ug/l

RT: 5.05 min Scan# 458

Delta R.T. 0.03 min

Lab File: VF062514.D

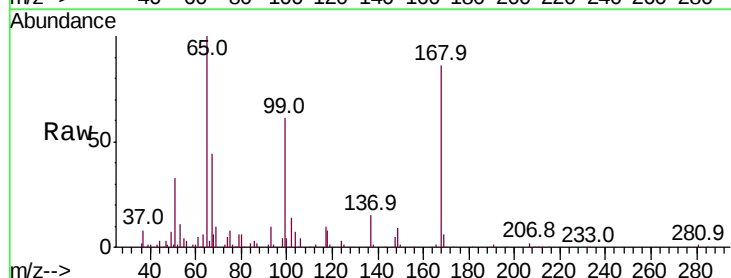
Acq: 12 May 2019 20:24

Tgt Ion: 65 Resp: 100054

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

30000

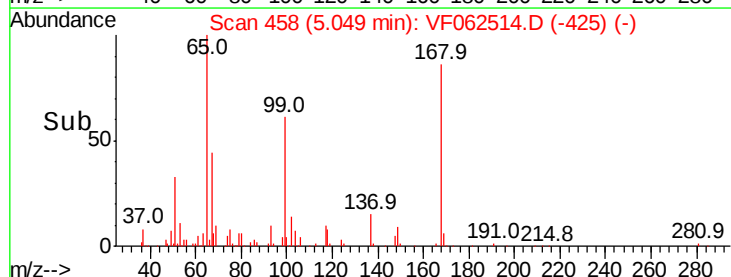
20000

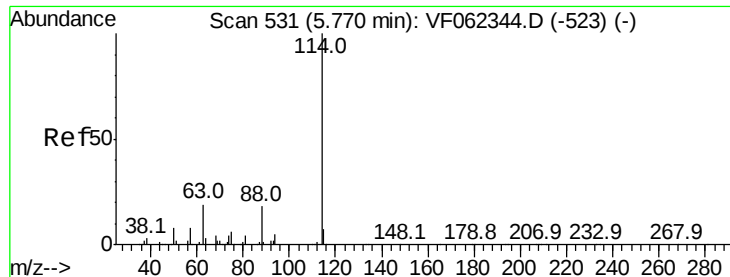
10000

0

Time-->

4.90 5.00 5.10 5.20





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.80 min Scan# 534

Delta R.T. 0.03 min

Lab File: VF062514.D

Acq: 12 May 2019 20:24

Instrument :

MSVOA_F

ClientSampleId :

P026-SS014-1824-01RE

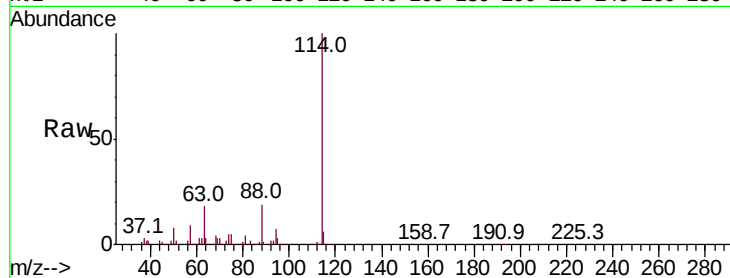
Tot Ion:114 Resp: 336714

Ion Ratio Lower Upper

114 100

63 18.2 0.0 37.4

88 19.3 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

150000

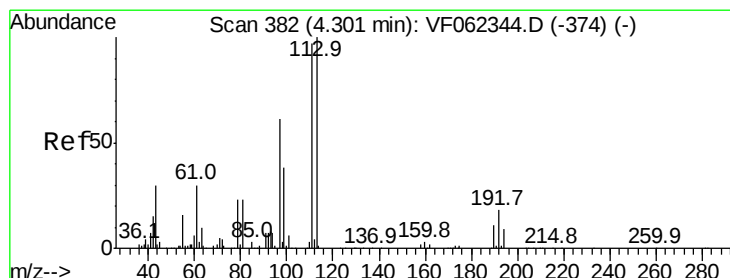
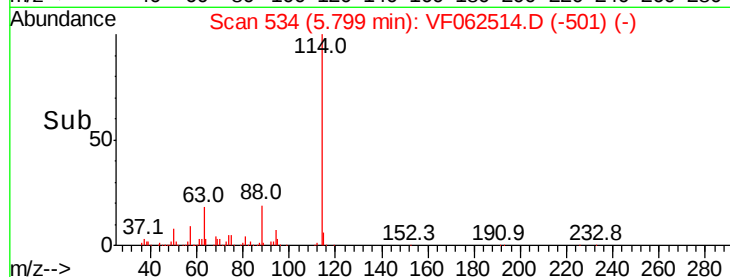
100000

50000

0

5.70 5.80 5.90 6.00

Time-->



#35

Dibromofluoromethane

Concen: 45.206 ug/l

RT: 4.33 min Scan# 385

Delta R.T. 0.03 min

Lab File: VF062514.D

Acq: 12 May 2019 20:24

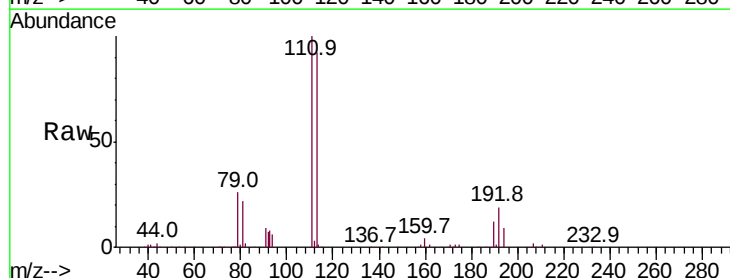
Tgt Ion:113 Resp: 121268

Ion Ratio Lower Upper

113 100

111 103.2 79.4 119.0

192 22.0 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

50000

40000

30000

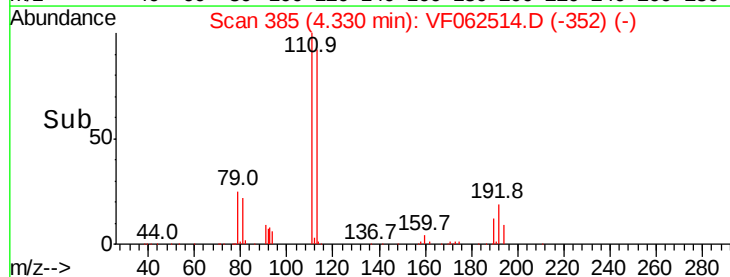
20000

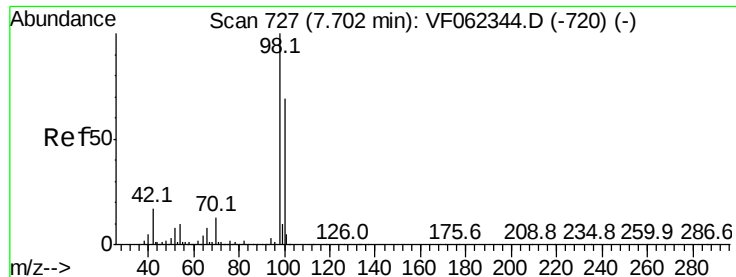
10000

0

4.20 4.30 4.40 4.50

Time-->





#50

Toluene-d8

Concen: 35.638 ug/l

RT: 7.73 min Scan# 730

Delta R.T. 0.03 min

Lab File: VF062514.D

Acq: 12 May 2019 20:24

Instrument :

MSVOA_F

ClientSampleId :

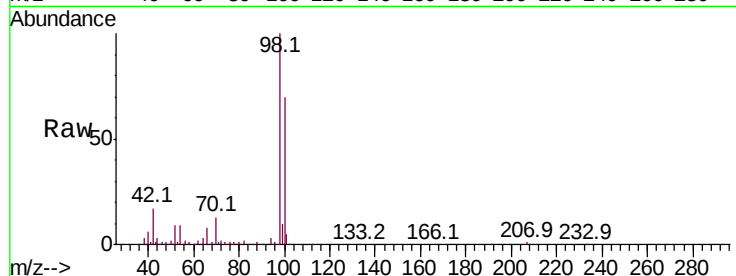
P026-SS014-1824-01RE

Tot Ion: 98 Resp: 231415

Ion Ratio Lower Upper

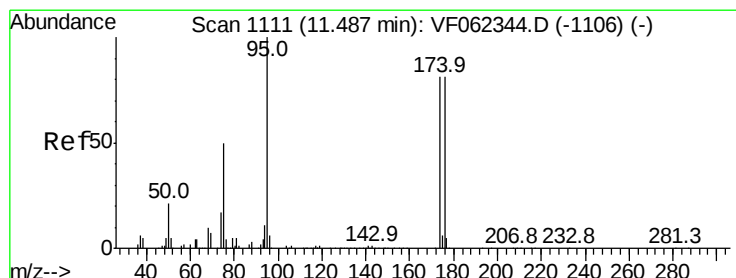
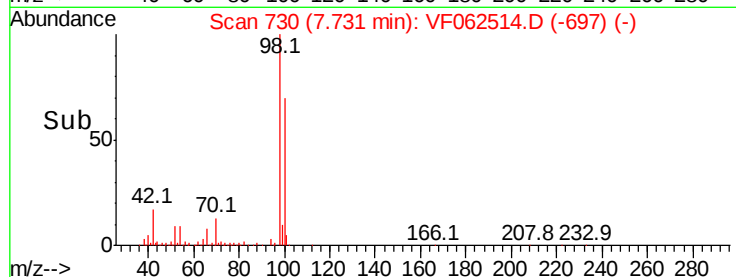
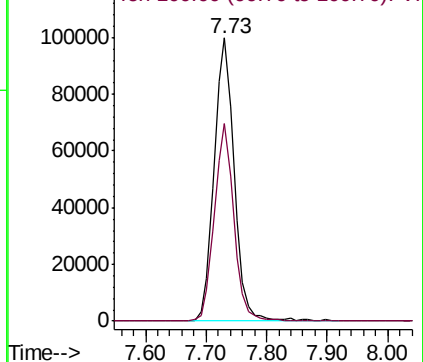
98 100

100 67.4 53.3 79.9



Abundance Ion 98.00 (97.70 to 98.70): VF0

Ion 100.00 (99.70 to 100.70): VF



#62

4-Bromofluorobenzene

Concen: 29.873 ug/l

RT: 11.51 min Scan# 1113

Delta R.T. 0.02 min

Lab File: VF062514.D

Acq: 12 May 2019 20:24

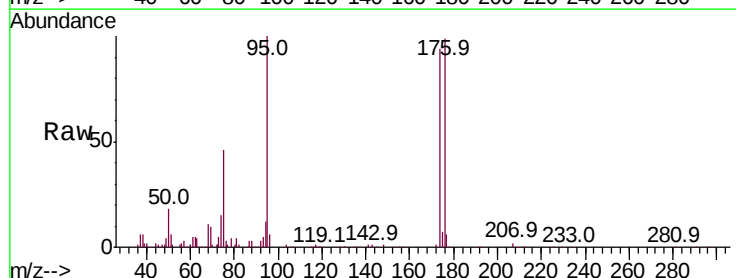
Tgt Ion: 95 Resp: 87518

Ion Ratio Lower Upper

95 100

174 101.9 0.0 191.8

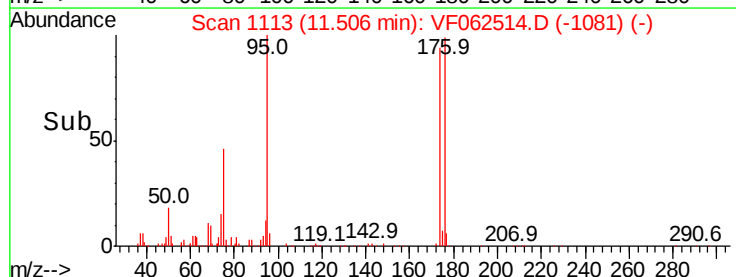
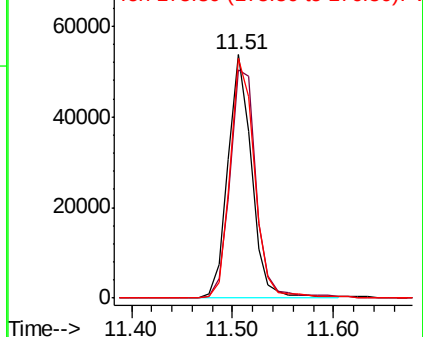
176 101.9 0.0 193.2

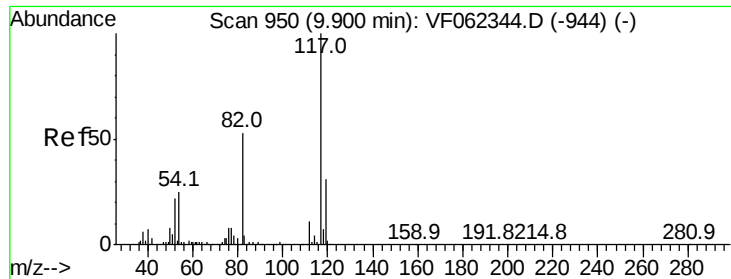


Abundance Ion 94.90 (94.60 to 95.60): VF0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

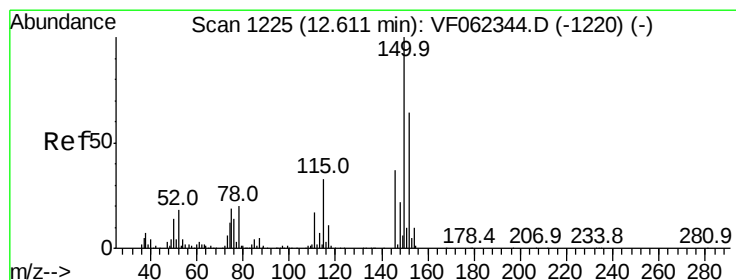
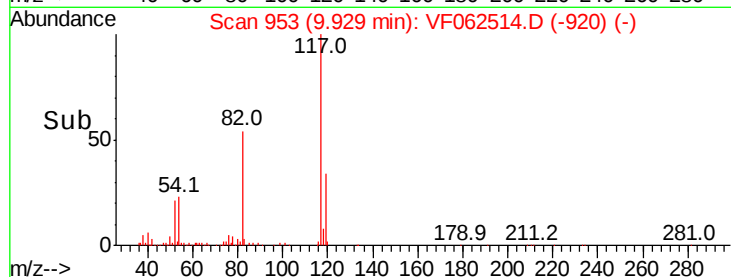
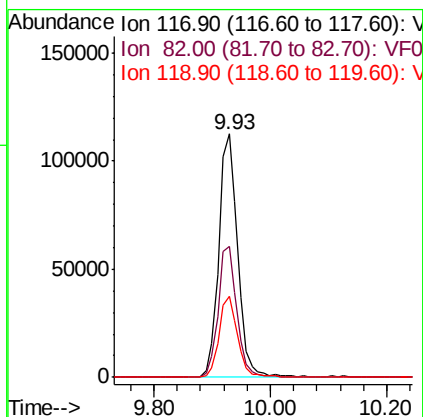
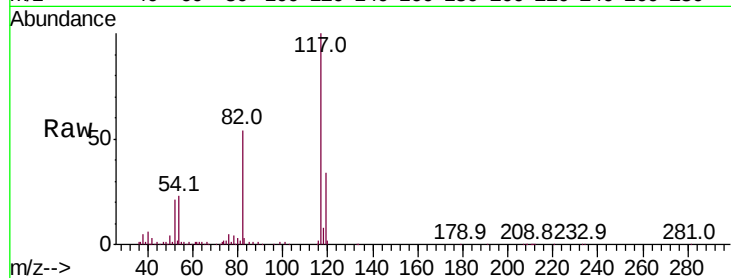




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.93 min Scan# 953
Delta R.T. 0.03 min
Lab File: VF062514.D
Acq: 12 May 2019 20:24

Instrument :
MSVOA_F
ClientSampleId :
P026-SS014-1824-01RE

Tot Ion	Ratio	Lower	Upper
117	100		
82	53.7	42.2	63.2
119	33.5	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: VF062514.D
Acq: 12 May 2019 20:24

Tgt Ion	Ratio	Lower	Upper
152	100		
115	53.7	26.4	79.2
150	154.5	0.0	335.0

