

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF051419\
 Data File : VF062590.D
 Acq On : 14 May 2019 20:13
 Operator : FY/SY
 Sample : VF0514SBL01
 Misc : 5.00g/5mL/MSVOA F/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 VF0514SBL01

Quant Time: May 15 05:29:11 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F051419S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 15 05:06:28 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.08	168	595598	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.80	114	996196	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.93	117	725512	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.63	152	341632	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.06	65	234827	52.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.38%	
35) Dibromofluoromethane	4.33	113	396283	53.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.90%	
50) Toluene-d8	7.73	98	880744	50.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.82%	
62) 4-Bromofluorobenzene	11.50	95	313668	51.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.82%	

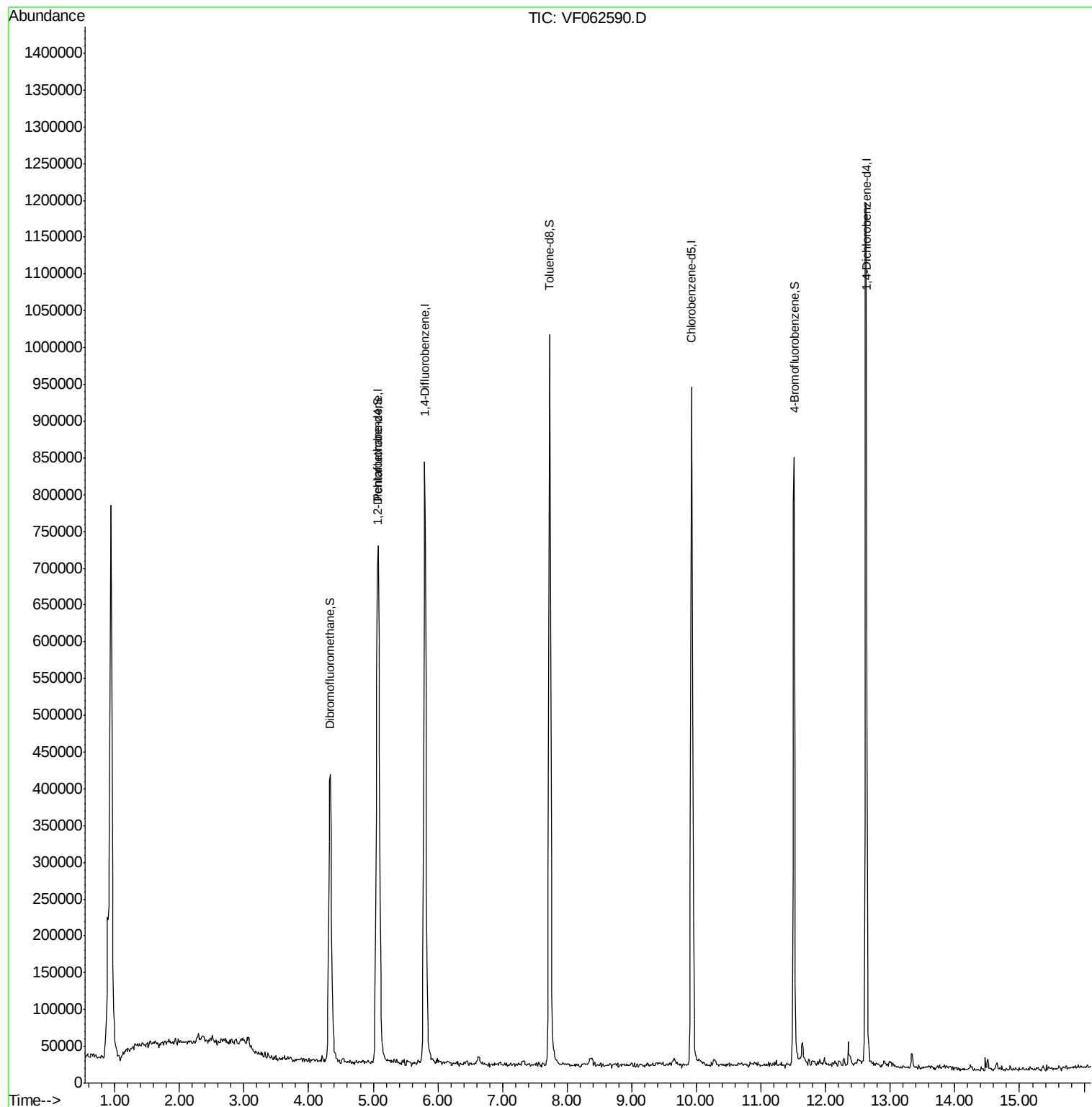
Target Compounds	Qvalue

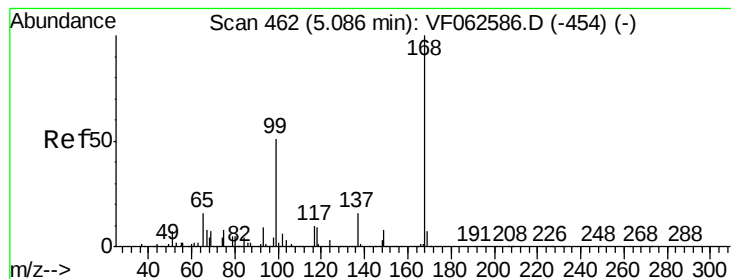
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Wed May 15 05:06:28 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.08 min Scan# 461

Delta R.T. -0.01 min

Lab File: VF062590.D

Acq: 14 May 2019 20:13

Instrument :

MSVOA_F

ClientSampleId :

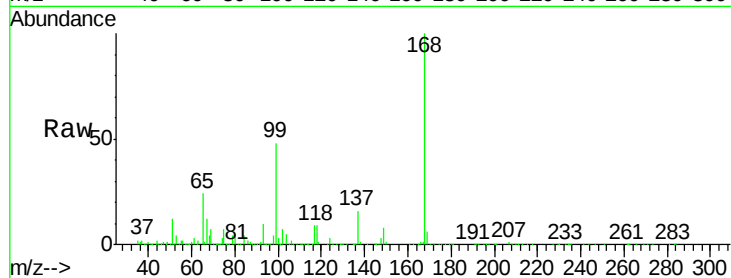
VF0514SBL01

Tot Ion:168 Resp: 595598

Ion Ratio Lower Upper

168 100

99 48.2 41.0 61.6



Abundance Ion 168.00 (167.70 to 168.70): V

Ion 99.00 (98.70 to 99.70): VF0

5.08

200000

150000

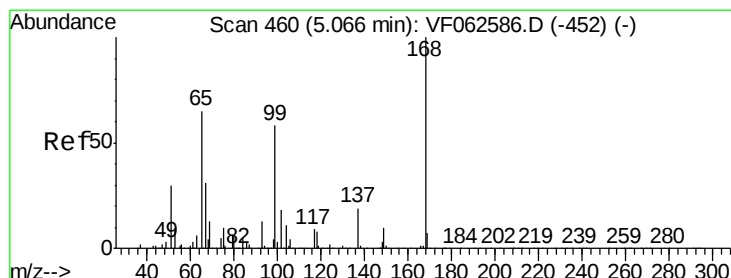
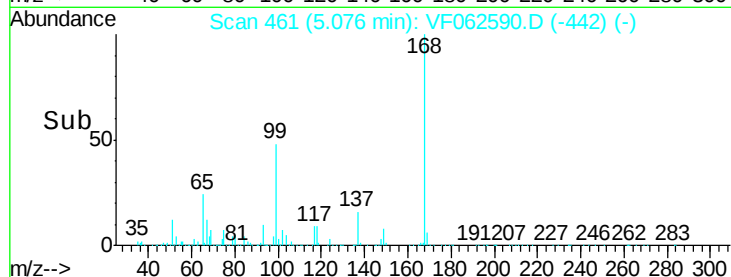
100000

50000

0

Time-->

4.90 5.00 5.10 5.20 5.30



#33

1,2-Dichloroethane-d4

Concen: 52.190 ug/l

RT: 5.06 min Scan# 459

Delta R.T. -0.01 min

Lab File: VF062590.D

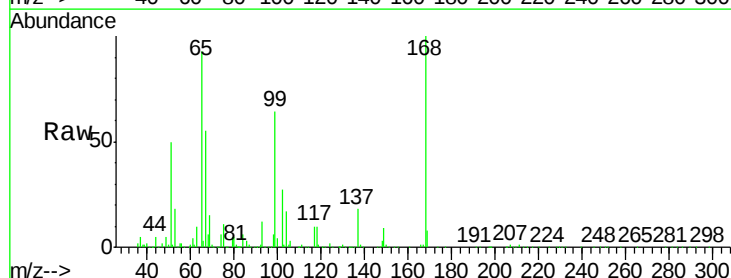
Acq: 14 May 2019 20:13

Tgt Ion: 65 Resp: 234827

Ion Ratio Lower Upper

65 100

67 58.6 0.0 116.6



Abundance Ion 65.00 (64.70 to 65.70): VF0

Ion 67.00 (66.70 to 67.70): VF0

5.06

80000

60000

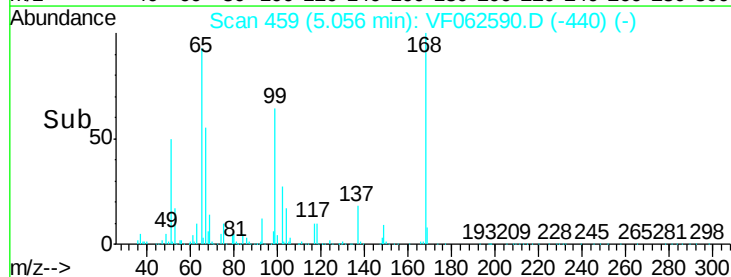
40000

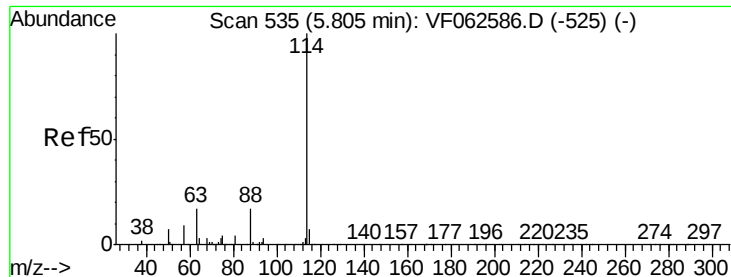
20000

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. -0.01 min

Lab File: VF062590.D

Acq: 14 May 2019 20:13

Instrument :

MSVOA_F

ClientSampleId :

VF0514SBL01

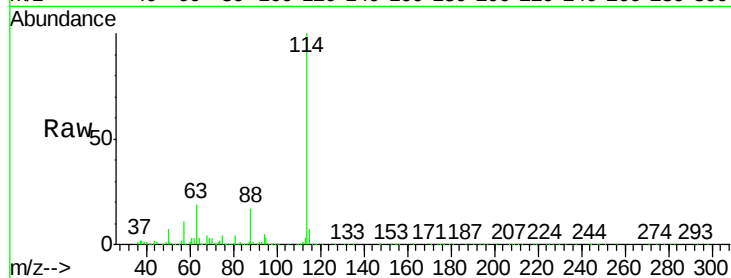
Tot Ion:114 Resp: 996196

Ion Ratio Lower Upper

114 100

63 18.9 0.0 34.6

88 16.6 0.0 33.6



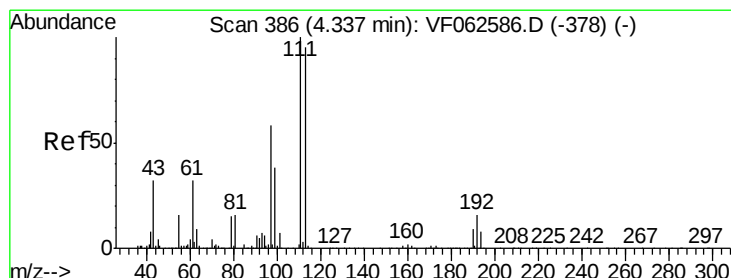
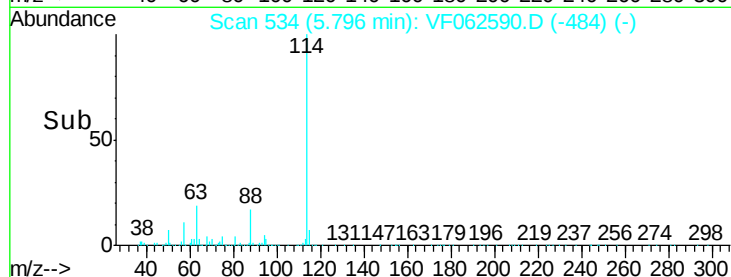
Abundance Ion 114.00 (113.70 to 114.70): V

Ion 63.00 (62.70 to 63.70): VF0

Ion 88.00 (87.70 to 88.70): VF0

5.80

Time-->



#35

Dibromofluoromethane

Concen: 53.447 ug/l

RT: 4.33 min Scan# 385

Delta R.T. -0.01 min

Lab File: VF062590.D

Acq: 14 May 2019 20:13

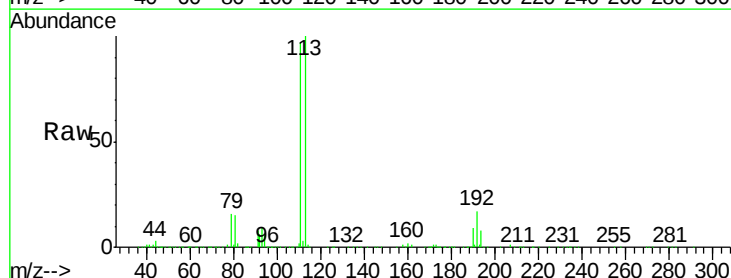
Tgt Ion:113 Resp: 396283

Ion Ratio Lower Upper

113 100

111 96.6 83.9 125.9

192 16.9 13.7 20.5



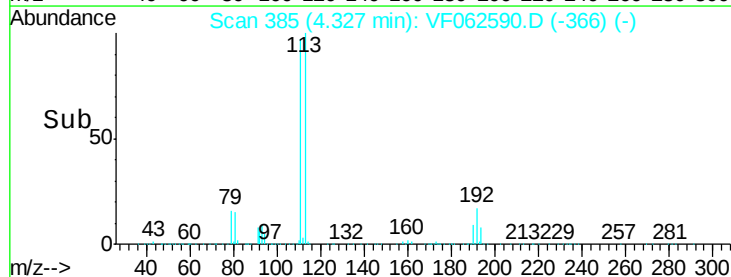
Abundance Ion 113.00 (112.70 to 113.70): V

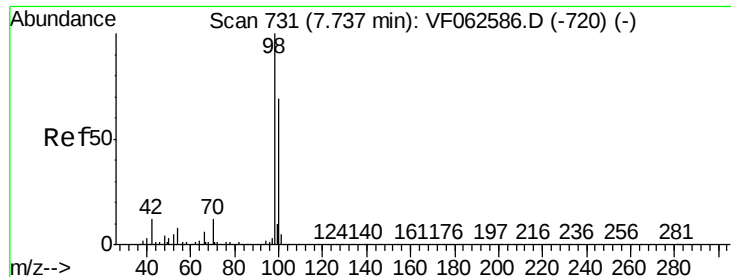
Ion 111.00 (110.70 to 111.70): V

Ion 192.00 (191.70 to 192.70): V

4.33

Time-->





#50

Toluene-d8

Concen: 50.410 ug/l

RT: 7.73 min Scan# 730

Delta R.T. -0.01 min

Lab File: VF062590.D

Acq: 14 May 2019 20:13

Instrument :

MSVOA_F

ClientSampleId :

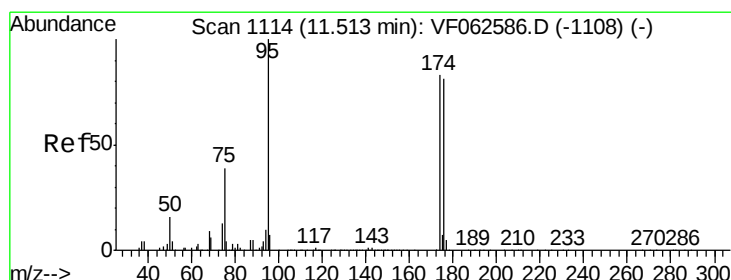
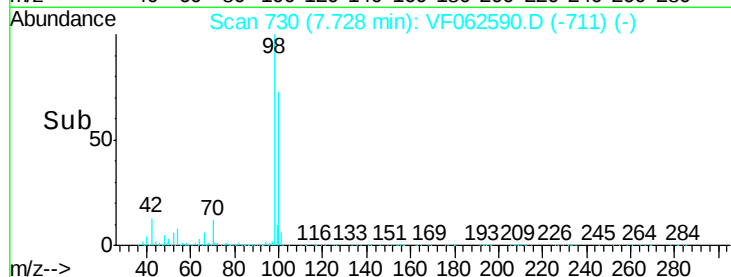
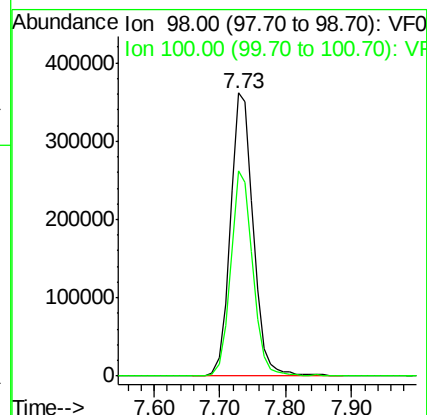
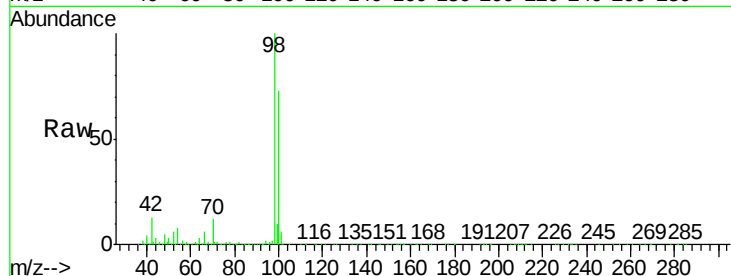
VF0514SBL01

Tot Ion: 98 Resp: 880744

Ion Ratio Lower Upper

98 100

100 72.7 55.4 83.0



#62

4-Bromofluorobenzene

Concen: 51.406 ug/l

RT: 11.50 min Scan# 1113

Delta R.T. -0.01 min

Lab File: VF062590.D

Acq: 14 May 2019 20:13

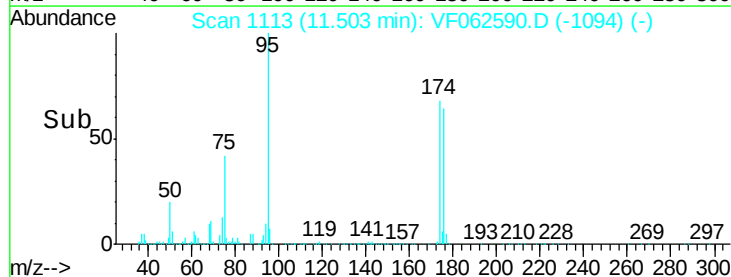
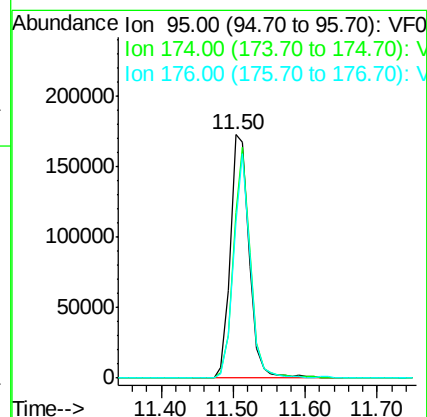
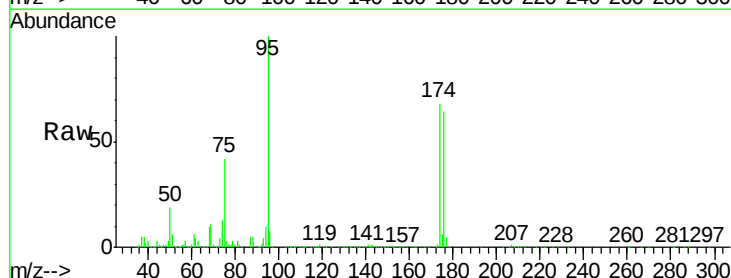
Tgt Ion: 95 Resp: 313668

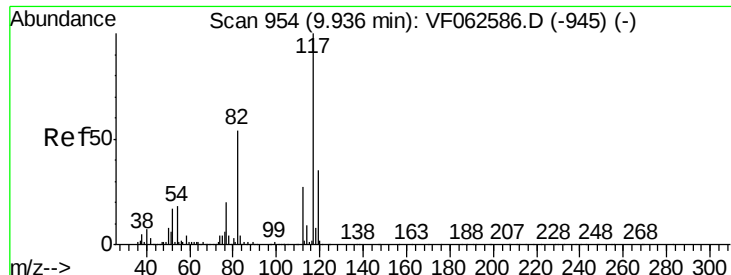
Ion Ratio Lower Upper

95 100

174 68.2 0.0 166.6

176 64.5 0.0 161.8

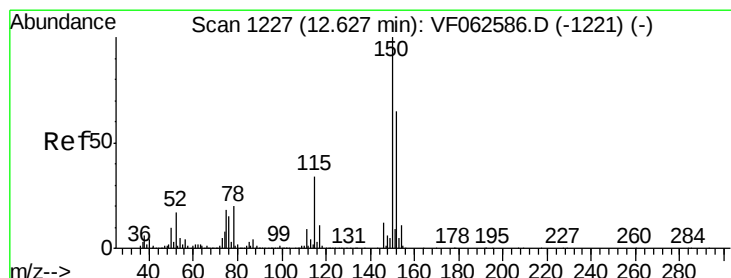
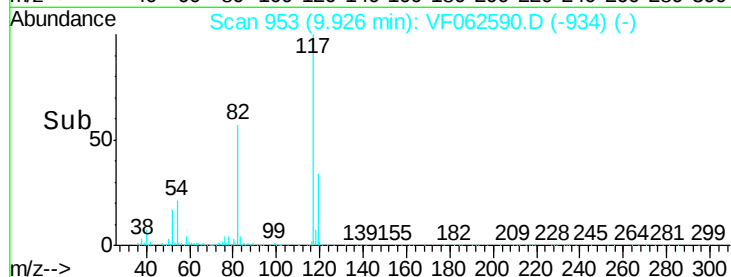
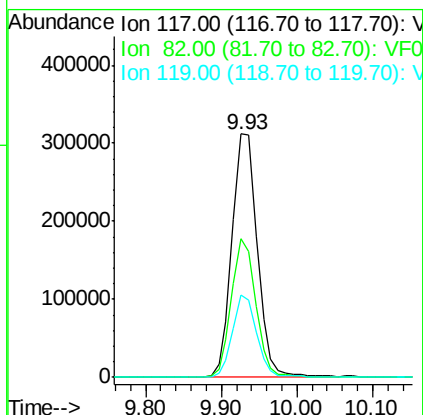
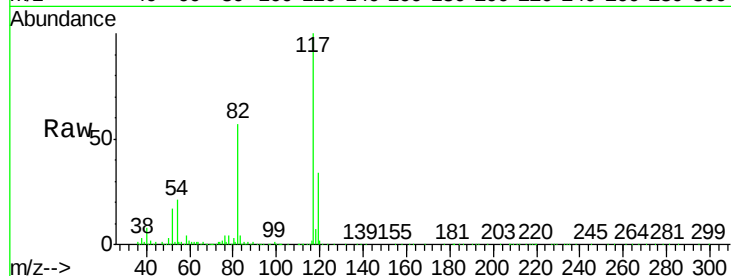




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.93 min Scan# 953
Delta R.T. -0.01 min
Lab File: VF062590.D
Acq: 14 May 2019 20:13

Instrument :
MSVOA_F
ClientSampleId :
VF0514SBL01

Tot Ion	Ratio	Lower	Upper
117	100		
82	56.8	43.4	65.0
119	33.7	27.7	41.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.63 min Scan# 1227
Delta R.T. 0.00 min
Lab File: VF062590.D
Acq: 14 May 2019 20:13

Tgt Ion	Ratio	Lower	Upper
152	100		
115	49.7	26.2	78.6
150	153.0	0.0	316.0

