

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF032219\
 Data File : VF062082.D
 Acq On : 22 Mar 2019 14:50
 Operator : VA/AP
 Sample : VF0322SBL01
 Misc : 5.00g/5mL/MSVOA-F/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 VF0322SBL01

Quant Time: Mar 23 05:58:55 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F032219S.M
 Quant Title : SW846 8260
 QLast Update : Sat Mar 23 01:16:37 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.90	168	299341	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.63	114	457477	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.80	117	373941	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.57	152	222888	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	4.88	65	127951	57.47	ug/l	0.00
Spiked Amount						
			Recovery	=	114.94%	
35) Dibromofluoromethane	4.14	113	179181	57.90	ug/l	0.00
Spiked Amount						
			Recovery	=	115.80%	
50) Toluene-d8	7.58	98	487352	52.76	ug/l	0.00
Spiked Amount						
			Recovery	=	105.52%	
62) 4-Bromofluorobenzene	11.43	95	207555	58.20	ug/l	0.00
Spiked Amount						
			Recovery	=	116.40%	

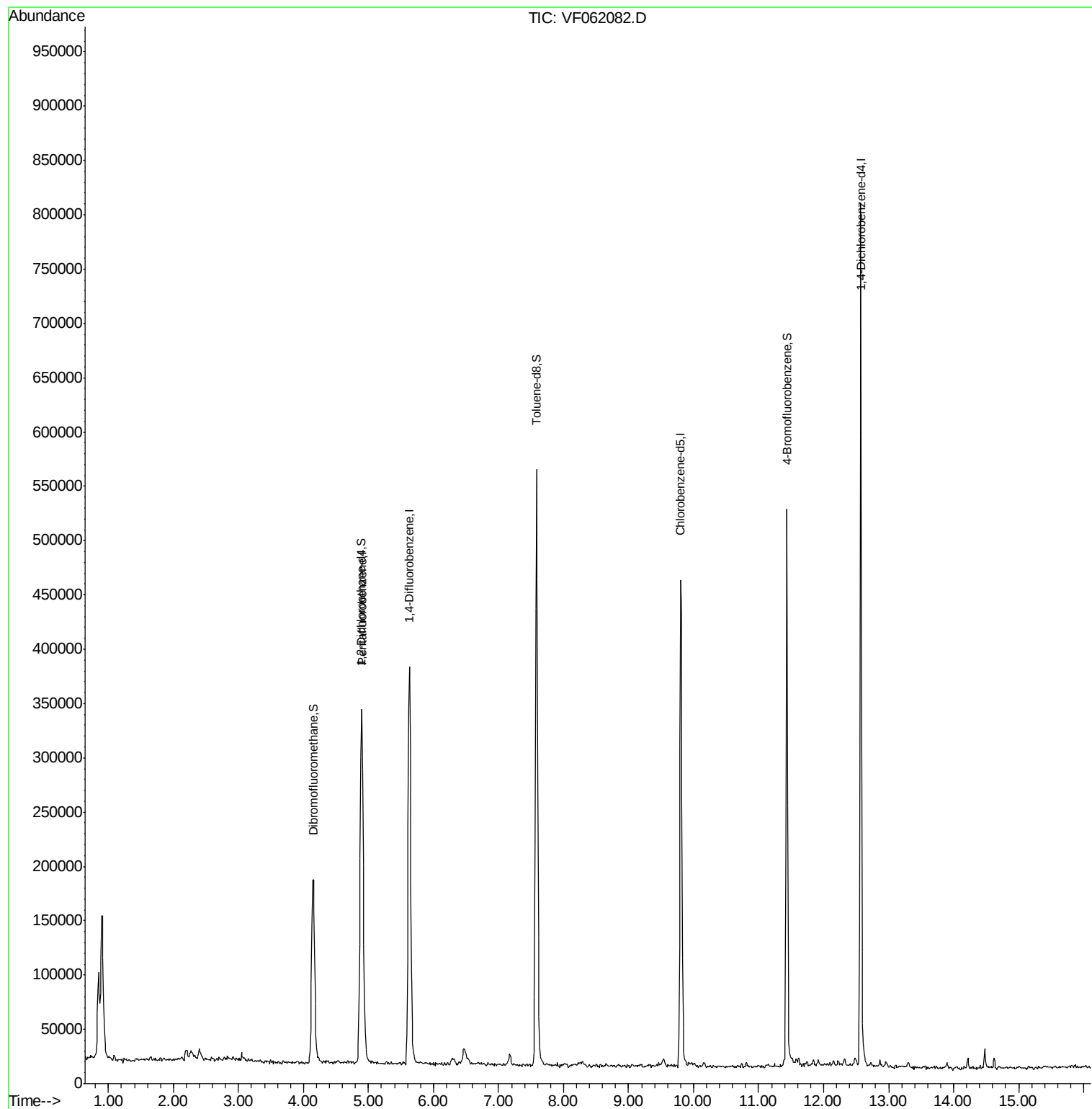
Target Compounds	Qvalue
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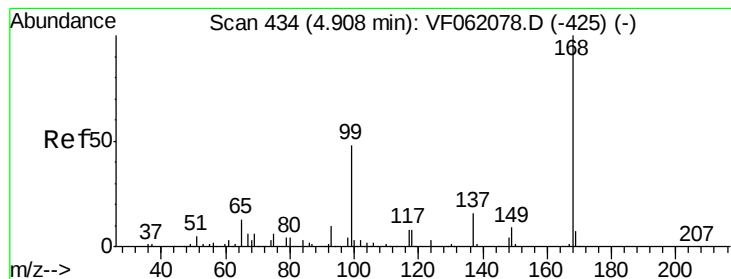
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.90 min Scan# 433

Delta R.T. -0.01 min

Lab File: VF062082.D

Acq: 22 Mar 2019 14:50

Instrument :

MSVOA_F

ClientSampleId :

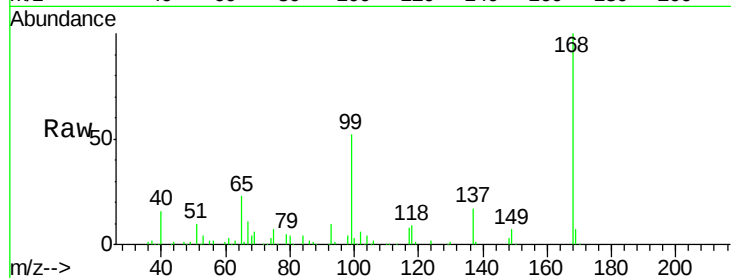
VF0322SBL01

Tot Ion:168 Resp: 299341

Ion Ratio Lower Upper

168 100

99 51.9 38.2 57.4



Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

4.90

100000

80000

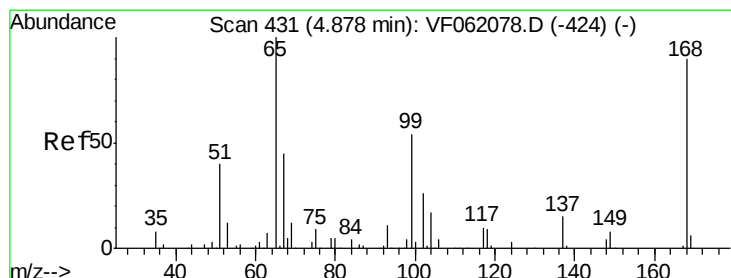
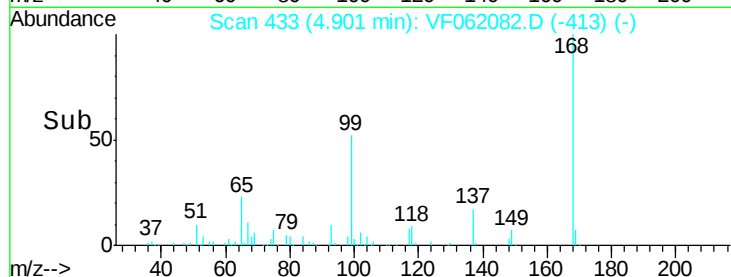
60000

40000

20000

0

Time--> 4.70 4.80 4.90 5.00 5.10



#33

1,2-Dichloroethane-d4

Concen: 57.467 ug/l

RT: 4.88 min Scan# 431

Delta R.T. 0.00 min

Lab File: VF062082.D

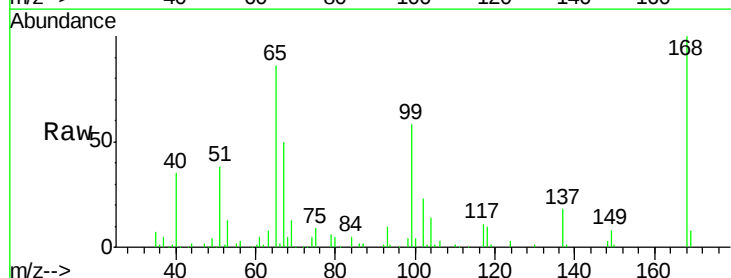
Acq: 22 Mar 2019 14:50

Tgt Ion: 65 Resp: 127951

Ion Ratio Lower Upper

65 100

67 57.8 0.0 106.2



Abundance Ion 65.00 (64.70 to 65.70): VF0

Ion 67.00 (66.70 to 67.70): VF0

4.88

50000

40000

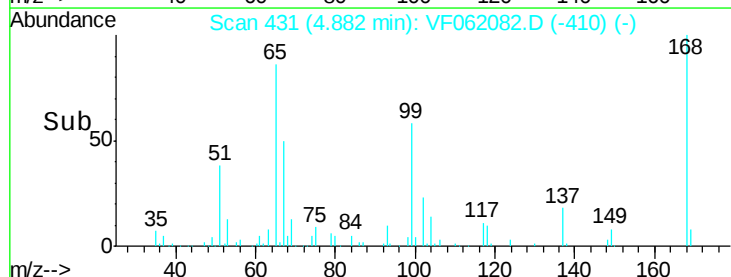
30000

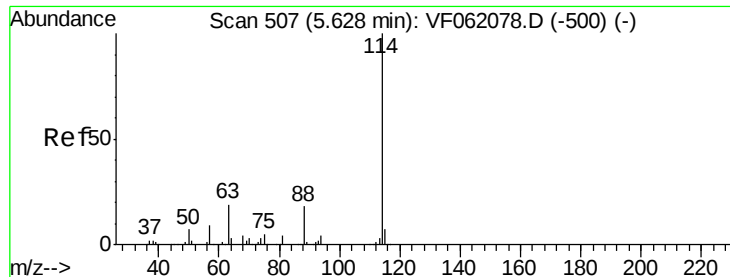
20000

10000

0

Time--> 4.70 4.80 4.90 5.00





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 507

Delta R.T. 0.00 min

Lab File: VF062082.D

Acq: 22 Mar 2019 14:50

Instrument :

MSVOA_F

ClientSampleId :

VF0322SBL01

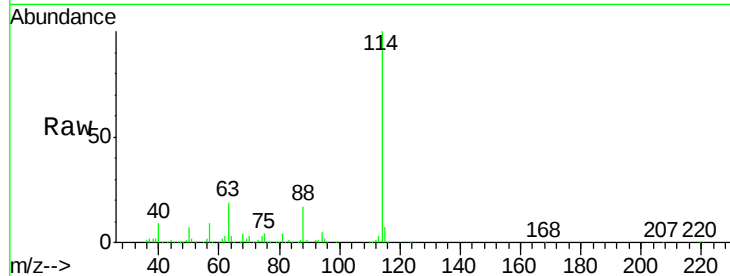
Tot Ion:114 Resp: 457477

Ion Ratio Lower Upper

114 100

63 18.9 0.0 37.8

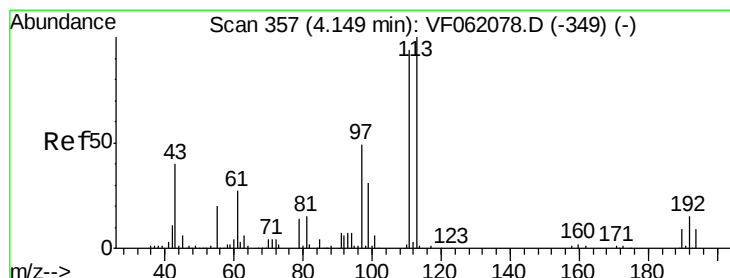
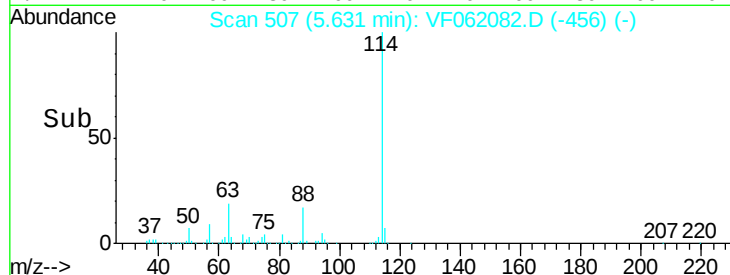
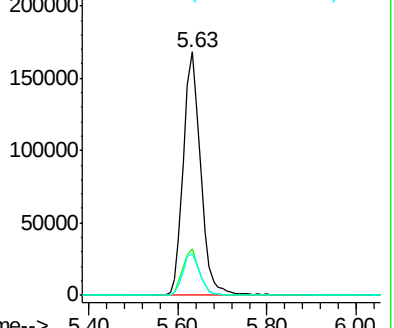
88 17.1 0.0 36.4



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



#35

Dibromofluoromethane

Concen: 57.900 ug/l

RT: 4.14 min Scan# 356

Delta R.T. -0.01 min

Lab File: VF062082.D

Acq: 22 Mar 2019 14:50

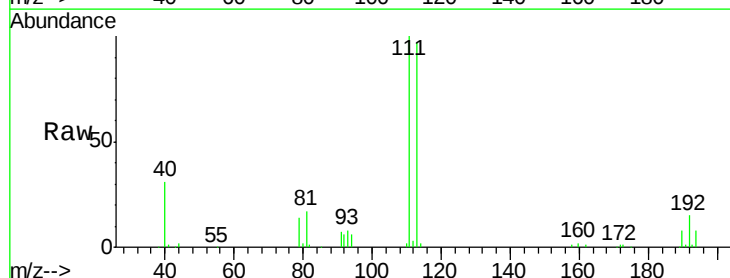
Tgt Ion:113 Resp: 179181

Ion Ratio Lower Upper

113 100

111 103.1 75.4 113.0

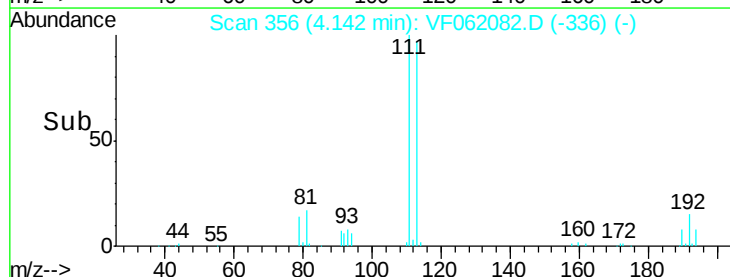
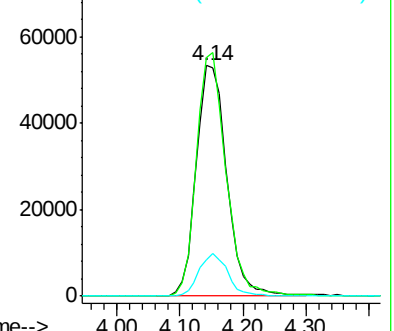
192 16.2 12.3 18.5

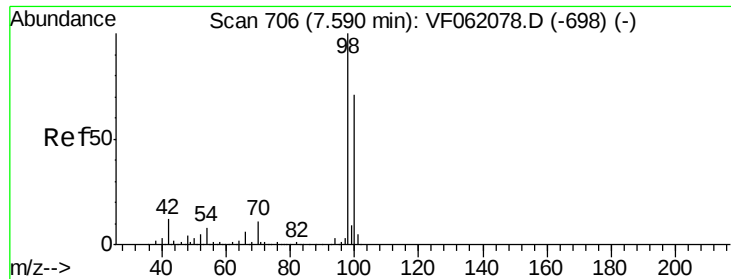


Abundance Ion 113.00 (112.70 to 113.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 192.00 (191.70 to 192.70): V





#50

Toluene-d8

Concen: 52.758 ug/l

RT: 7.58 min Scan# 705

Delta R.T. -0.01 min

Lab File: VF062082.D

Acq: 22 Mar 2019 14:50

Instrument :

MSVOA_F

ClientSampleId :

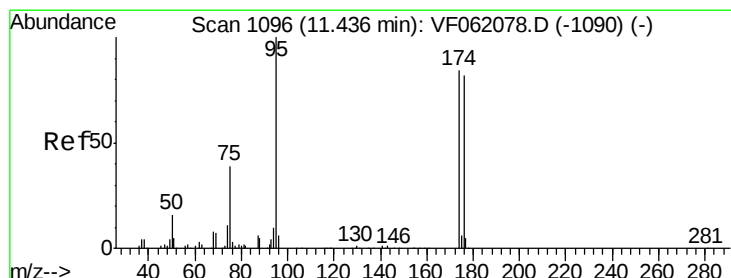
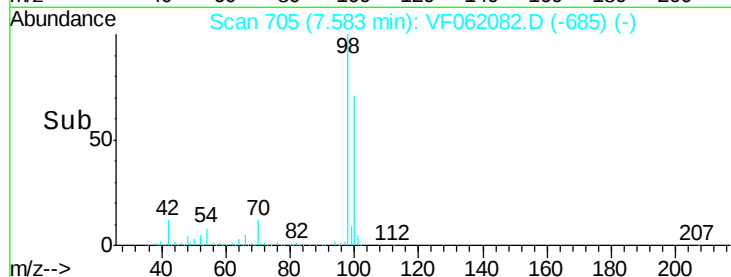
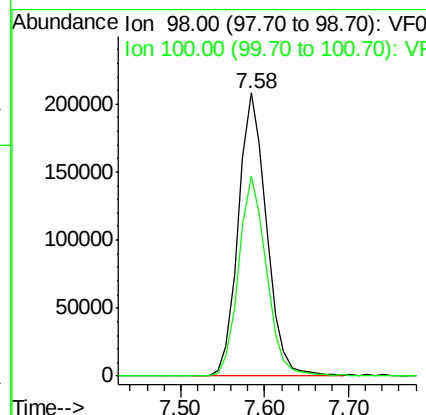
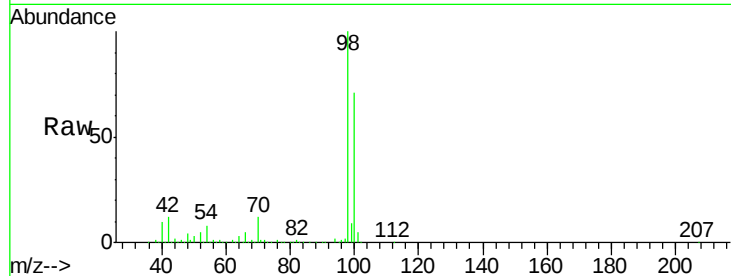
VF0322SBL01

Tot Ion: 98 Resp: 487352

Ion Ratio Lower Upper

98 100

100 70.9 57.0 85.6



#62

4-Bromofluorobenzene

Concen: 58.200 ug/l

RT: 11.43 min Scan# 1095

Delta R.T. -0.01 min

Lab File: VF062082.D

Acq: 22 Mar 2019 14:50

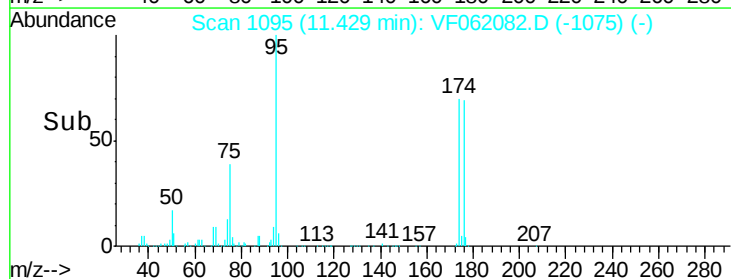
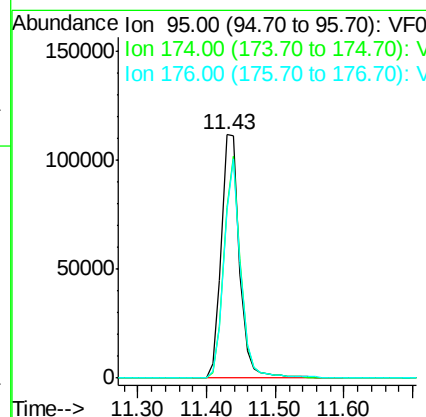
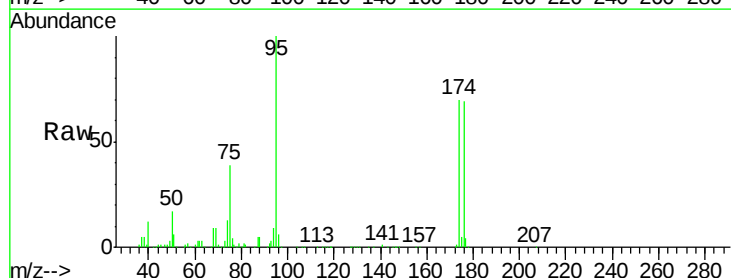
Tgt Ion: 95 Resp: 207555

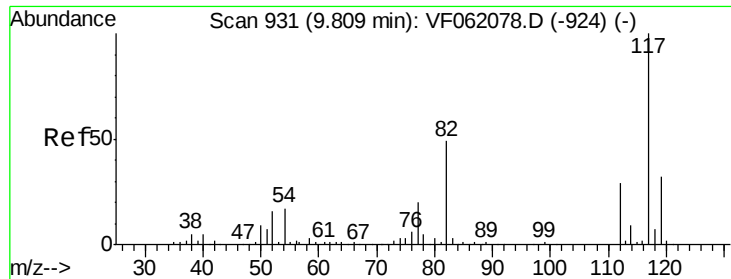
Ion Ratio Lower Upper

95 100

174 70.0 0.0 168.2

176 69.1 0.0 164.2

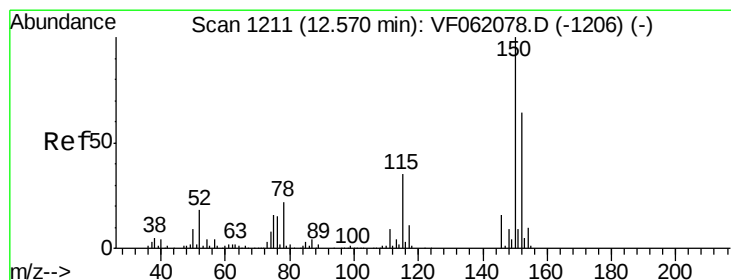
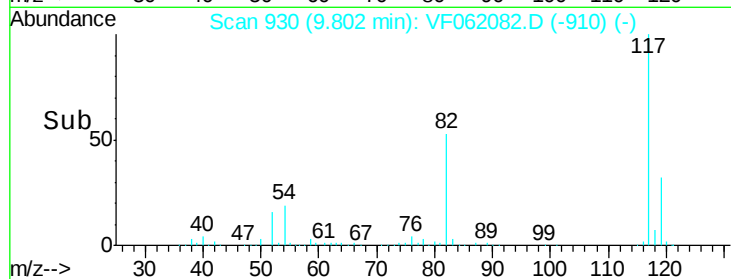
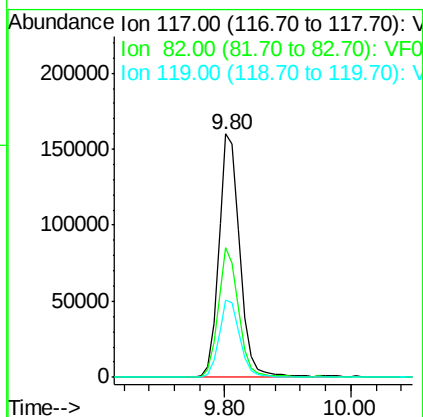
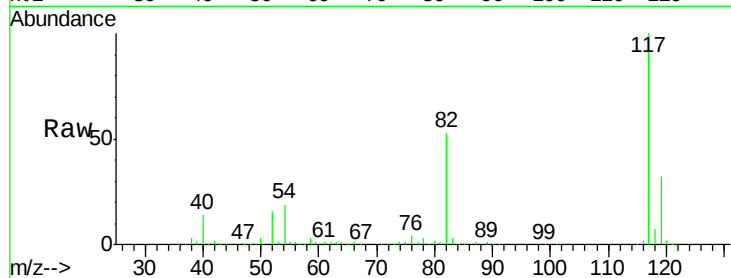




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.80 min Scan# 930
Delta R.T. -0.01 min
Lab File: VF062082.D
Acq: 22 Mar 2019 14:50

Instrument :
MSVOA_F
ClientSampleId :
VF0322SBL01

Tot Ion:117 Resp: 373941
Ion Ratio Lower Upper
117 100
82 53.4 39.2 58.8
119 31.6 25.4 38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.57 min Scan# 1211
Delta R.T. 0.00 min
Lab File: VF062082.D
Acq: 22 Mar 2019 14:50

Tgt Ion:152 Resp: 222888
Ion Ratio Lower Upper
152 100
115 51.7 27.7 83.1
150 153.3 0.0 313.2

