

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF032019\
 Data File : VF062036.D
 Acq On : 20 Mar 2019 13:18
 Operator : VA/AP
 Sample : K1989-01
 Misc : 5.09g/5mL/MSVOA-F/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 DRUM-1-2

Quant Time: Mar 22 05:51:06 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F031619S.M
 Quant Title : SW846 8260
 QLast Update : Mon Mar 18 07:28:40 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.85	168	217540	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	5.58	114	335792	50.00	ug/l	-0.02
63) Chlorobenzene-d5	9.75	117	266807	50.00	ug/l	-0.02
72) 1,4-Dichlorobenzene-d4	12.53	152	139666	50.00	ug/l	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	4.82	65	89678	57.27	ug/l	-0.02
Spiked Amount				50.000		
			Recovery	=	114.54%	
35) Dibromofluoromethane	4.09	113	125196	55.52	ug/l	-0.02
Spiked Amount				50.000		
			Recovery	=	111.04%	
50) Toluene-d8	7.53	98	311611	47.27	ug/l	-0.02
Spiked Amount				50.000		
			Recovery	=	94.54%	
62) 4-Bromofluorobenzene	11.40	95	121109	46.25	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	92.50%	

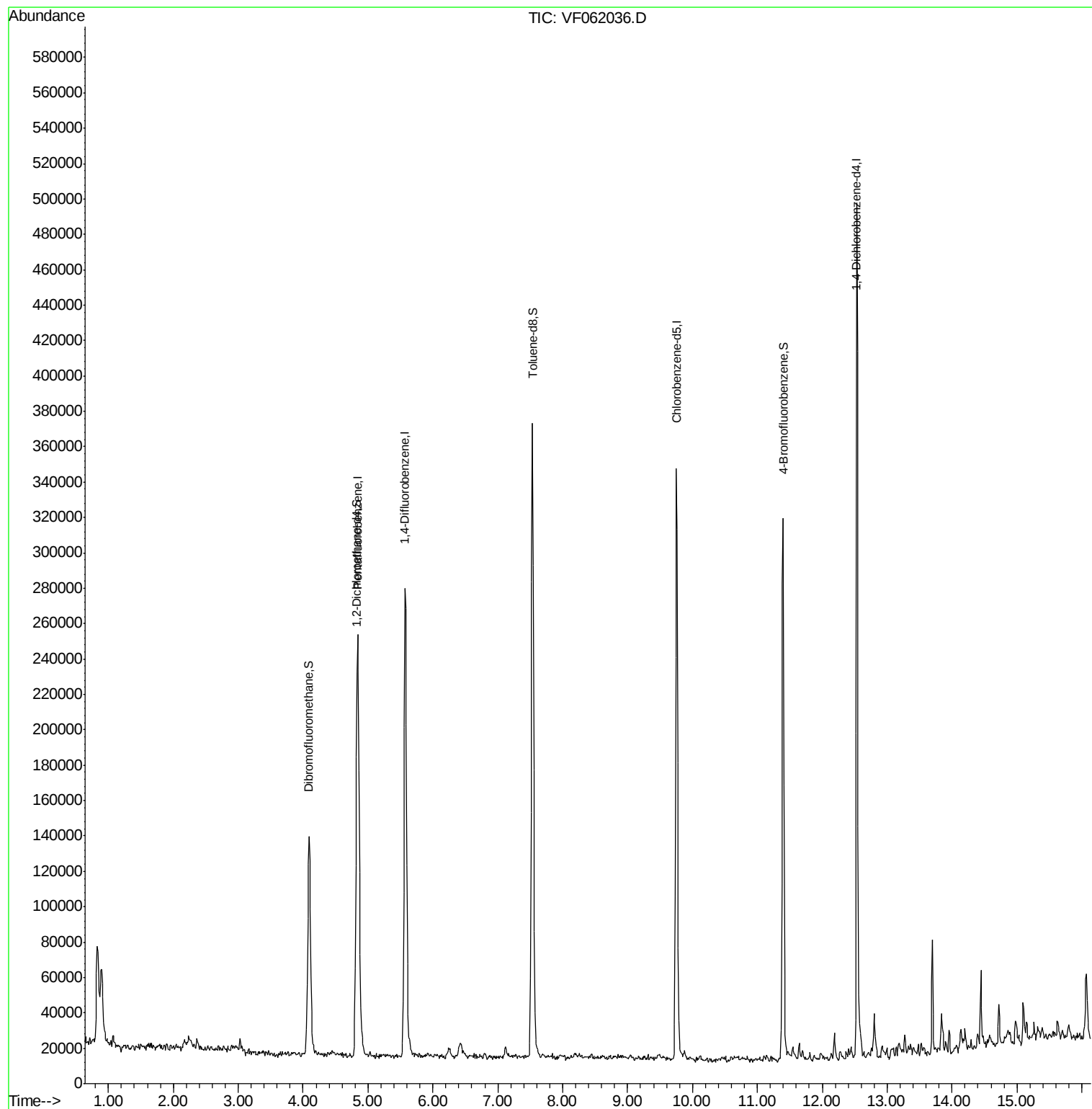
Target Compounds	Qvalue
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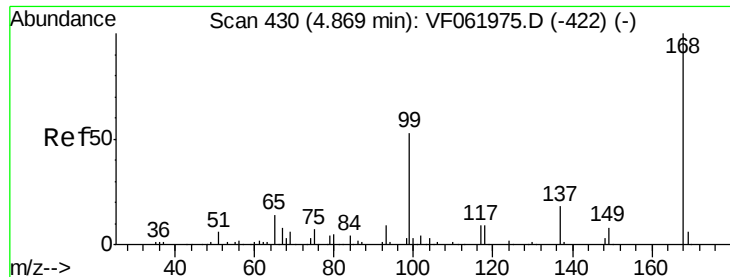
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Mon Mar 18 07:28:40 2019
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.85 min Scan# 428

Delta R.T. -0.02 min

Lab File: VF062036.D

Acq: 20 Mar 2019 13:18

Instrument :

MSVOA_F

ClientSampleId :

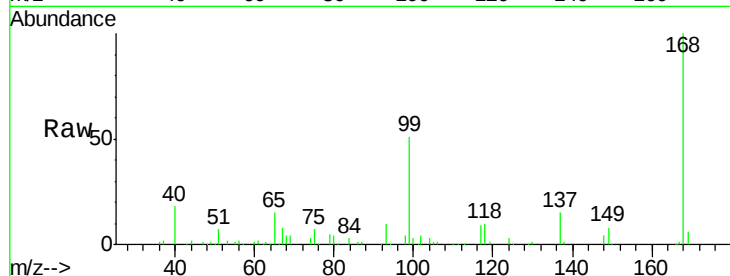
DRUM-1-2

Tot Ion:168 Resp: 217540

Ion Ratio Lower Upper

168 100

99 50.7 42.4 63.6



Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

4.85

80000

60000

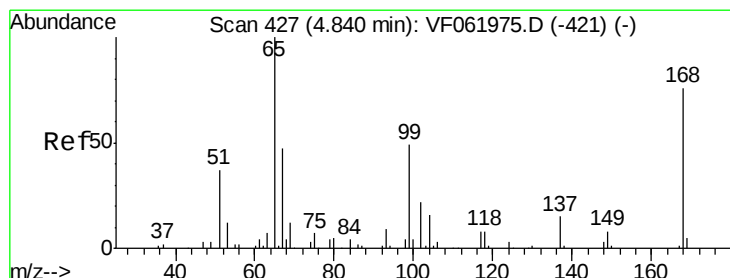
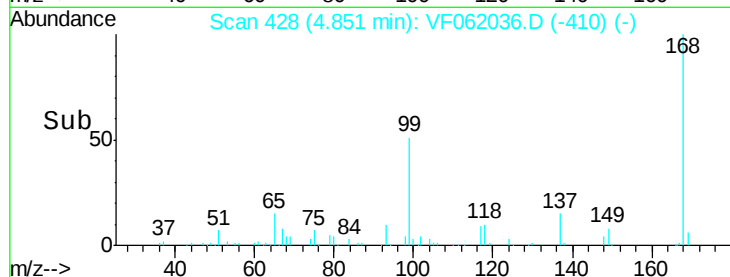
40000

20000

0

Time-->

4.70 4.80 4.90 5.00



#33

1,2-Dichloroethane-d4

Concen: 57.268 ug/l

RT: 4.82 min Scan# 425

Delta R.T. -0.02 min

Lab File: VF062036.D

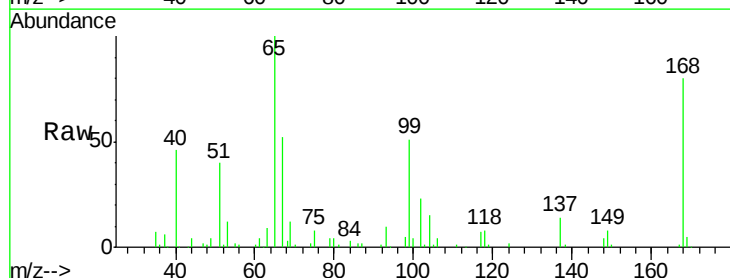
Acq: 20 Mar 2019 13:18

Tgt Ion: 65 Resp: 89678

Ion Ratio Lower Upper

65 100

67 52.4 0.0 109.4



Abundance Ion 65.00 (64.70 to 65.70): VF0

Ion 67.00 (66.70 to 67.70): VF0

4.82

30000

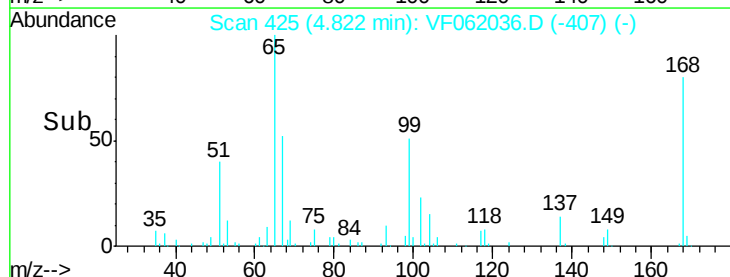
20000

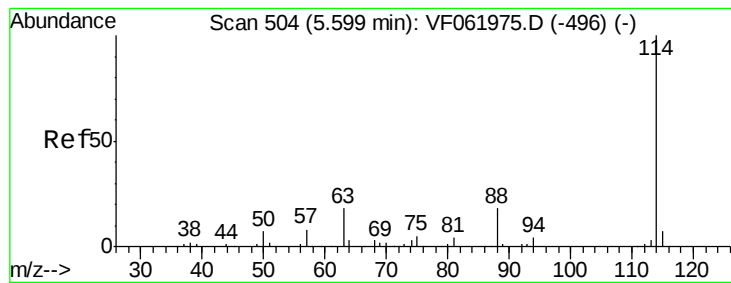
10000

0

Time-->

4.70 4.80 4.90 5.00





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.58 min Scan# 502

Delta R.T. -0.02 min

Lab File: VF062036.D

Acq: 20 Mar 2019 13:18

Instrument :

MSVOA_F

ClientSampleId :

DRUM-1-2

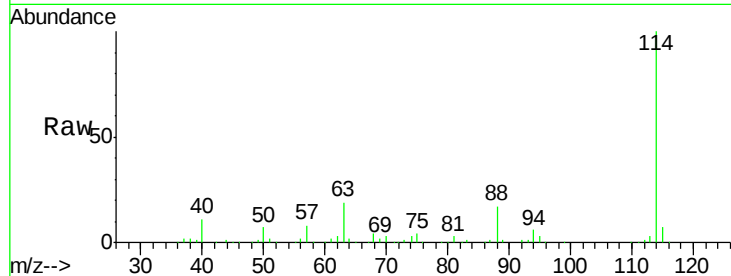
Tot Ion:114 Resp: 335792

Ion Ratio Lower Upper

114 100

63 18.6 0.0 36.4

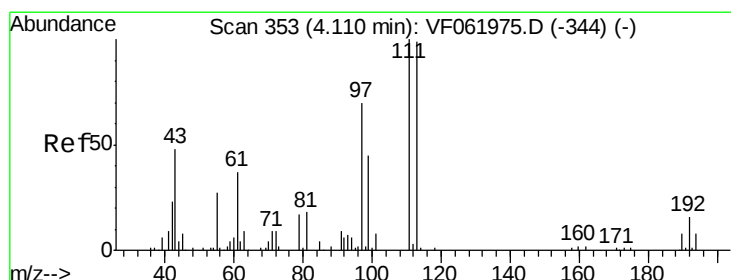
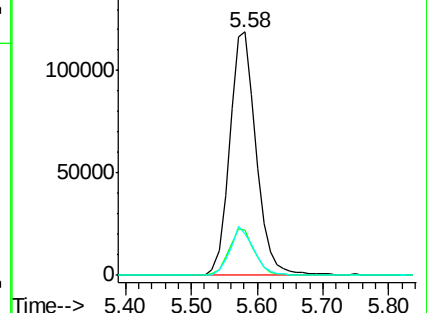
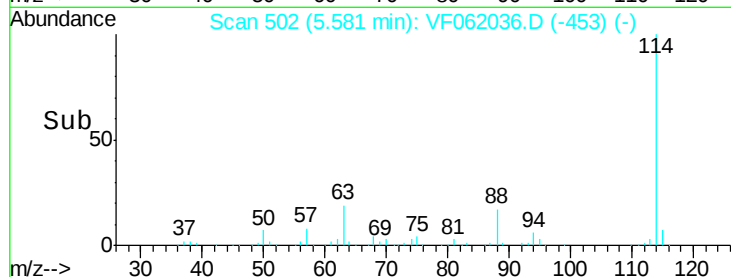
88 16.8 0.0 36.4



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: 55.522 ug/l

RT: 4.09 min Scan# 351

Delta R.T. -0.02 min

Lab File: VF062036.D

Acq: 20 Mar 2019 13:18

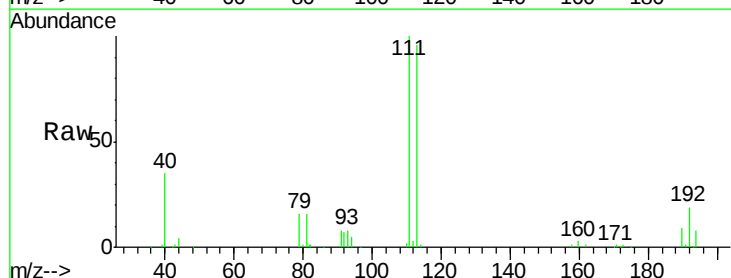
Tgt Ion:113 Resp: 125196

Ion Ratio Lower Upper

113 100

111 104.2 80.8 121.2

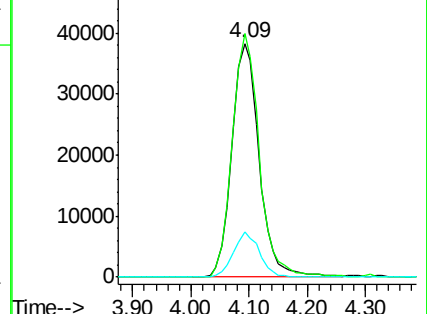
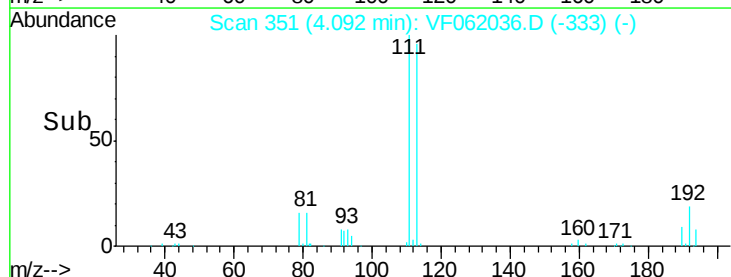
192 19.4 13.0 19.6

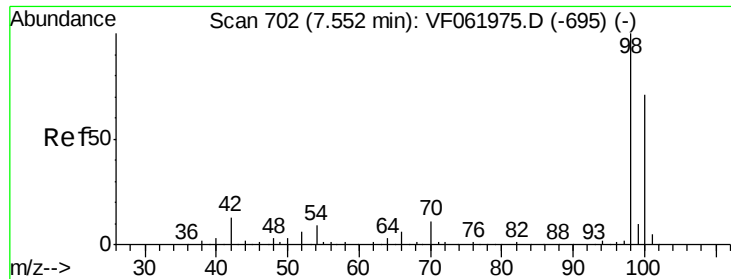


Abundance Ion 113.00 (112.70 to 113.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 192.00 (191.70 to 192.70): V





#50

Toluene-d8

Concen: 47.273 ug/l

RT: 7.53 min Scan# 700

Delta R.T. -0.02 min

Lab File: VF062036.D

Acq: 20 Mar 2019 13:18

Instrument :

MSVOA_F

ClientSampleId :

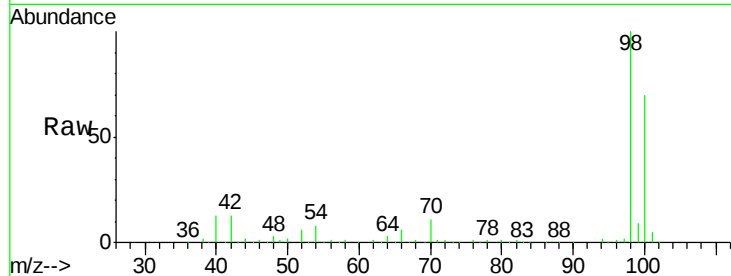
DRUM-1-2

Tot Ion: 98 Resp: 311611

Ion Ratio Lower Upper

98 100

100 69.9 56.8 85.2



Abundance Ion 98.00 (97.70 to 98.70): VF0

Ion 100.00 (99.70 to 100.70): VF

7.53

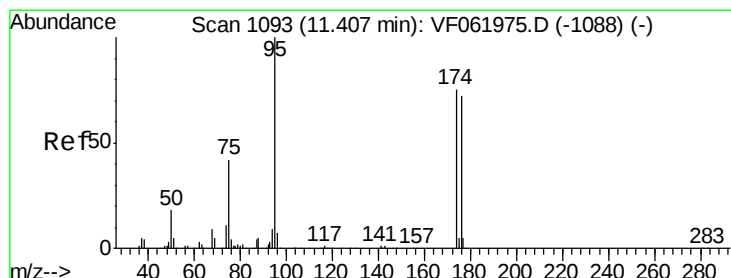
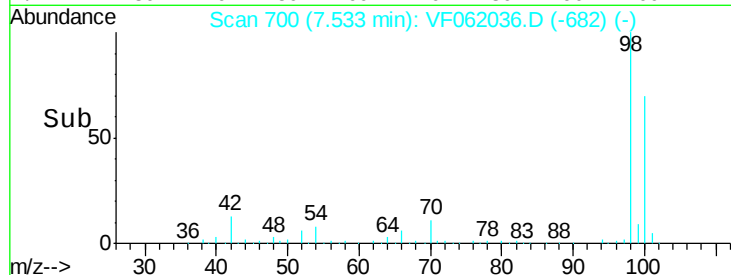
150000

100000

50000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 46.249 ug/l

RT: 11.40 min Scan# 1092

Delta R.T. -0.01 min

Lab File: VF062036.D

Acq: 20 Mar 2019 13:18

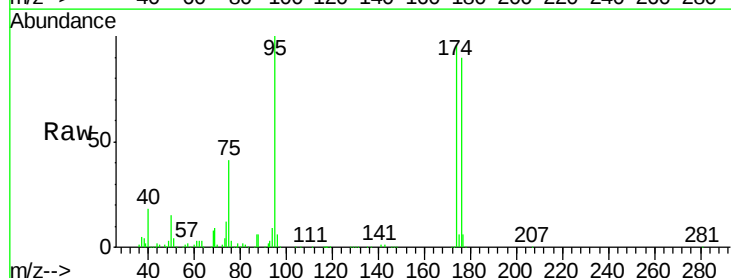
Tgt Ion: 95 Resp: 121109

Ion Ratio Lower Upper

95 100

174 95.6 0.0 149.4

176 90.0 0.0 143.4



Abundance Ion 95.00 (94.70 to 95.70): VF0

Ion 174.00 (173.70 to 174.70): V

Ion 176.00 (175.70 to 176.70): V

11.40

80000

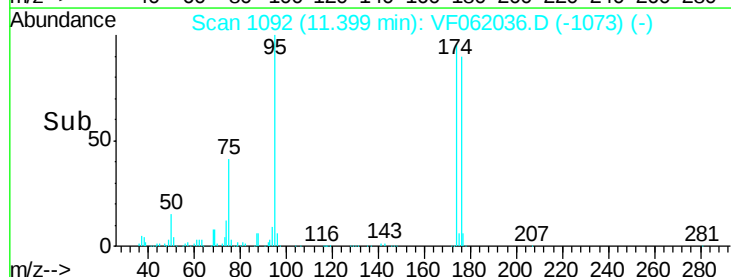
60000

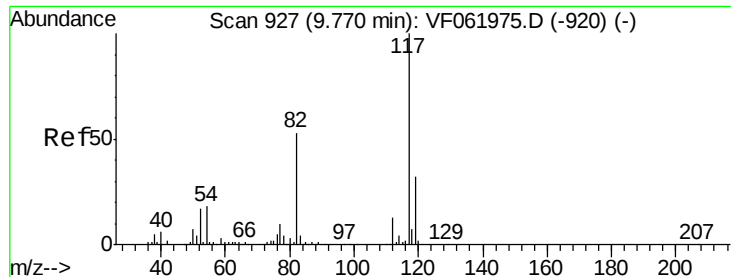
40000

20000

0

Time-->

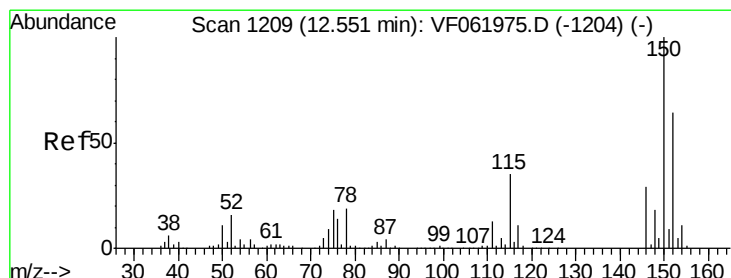
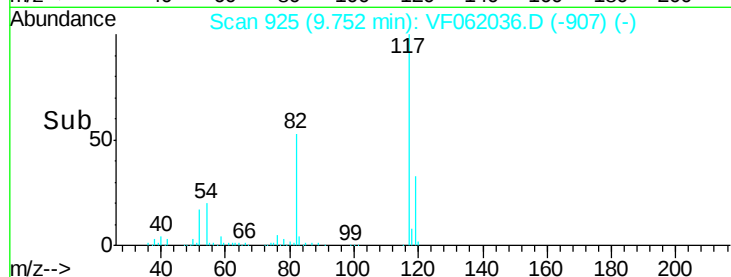
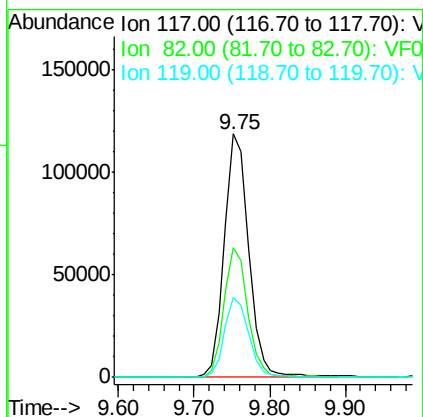
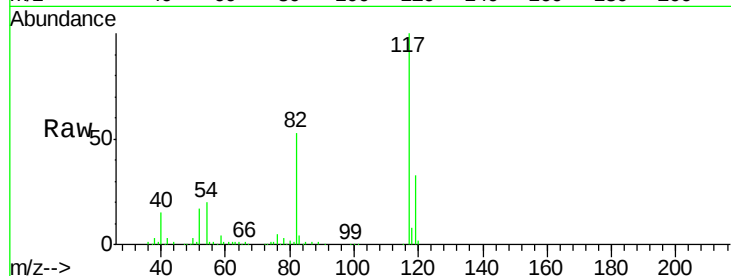




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.75 min Scan# 925
Delta R.T. -0.02 min
Lab File: VF062036.D
Acq: 20 Mar 2019 13:18

Instrument :
MSVOA_F
ClientSampleId :
DRUM-1-2

Tot Ion:117 Resp: 266807
Ion Ratio Lower Upper
117 100
82 53.2 42.5 63.7
119 32.7 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.53 min Scan# 1207
Delta R.T. -0.02 min
Lab File: VF062036.D
Acq: 20 Mar 2019 13:18

Tgt Ion:152 Resp: 139666
Ion Ratio Lower Upper
152 100
115 55.7 27.3 81.9
150 158.0 0.0 316.2

