

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF030519\
 Data File : VF061857.D
 Acq On : 5 Mar 2019 20:56
 Operator : VA/AP
 Sample : VIBLK
 Misc : 5.00g/5mL/MSVOA-F/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 VIBLK

Quant Time: Mar 06 06:28:50 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F030419S.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 05 04:50:44 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.86	168	297020	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	5.59	114	467085	50.00	ug/l	-0.02
63) Chlorobenzene-d5	9.77	117	383967	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.55	152	224698	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	4.84	65	116973	54.08	ug/l	0.00
Spiked Amount			Recovery	=	108.16%	
35) Dibromofluoromethane	4.11	113	173132	53.11	ug/l	0.00
Spiked Amount			Recovery	=	106.22%	
50) Toluene-d8	7.55	98	458926	47.37	ug/l	-0.02
Spiked Amount			Recovery	=	94.74%	
62) 4-Bromofluorobenzene	11.41	95	197278	51.98	ug/l	0.00
Spiked Amount			Recovery	=	103.96%	

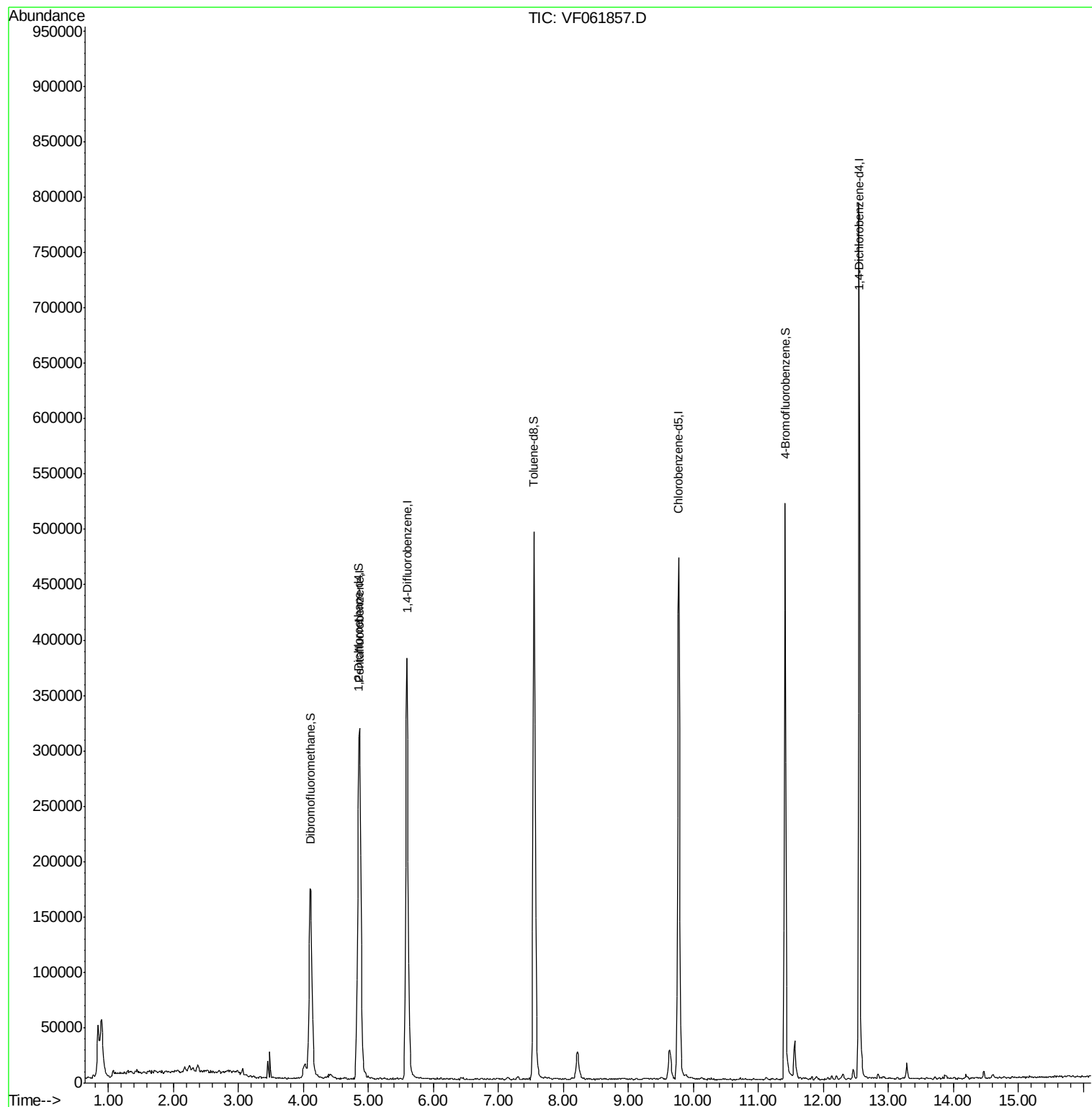
Target Compounds	Qvalue
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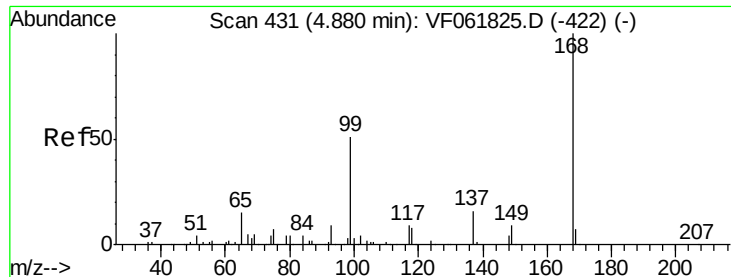
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Tue Mar 05 04:50:44 2019
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.86 min Scan# 429

Delta R.T. -0.02 min

Lab File: VF061857.D

Acq: 5 Mar 2019 20:56

Instrument :

MSVOA_F

ClientSampleId :

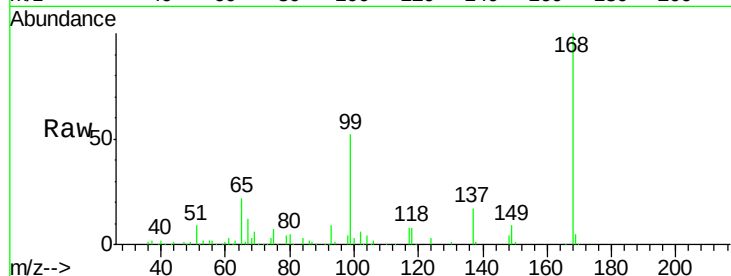
VIBLK

Tot Ion:168 Resp: 297020

Ion Ratio Lower Upper

168 100

99 51.8 40.8 61.2



Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

4.86

100000

80000

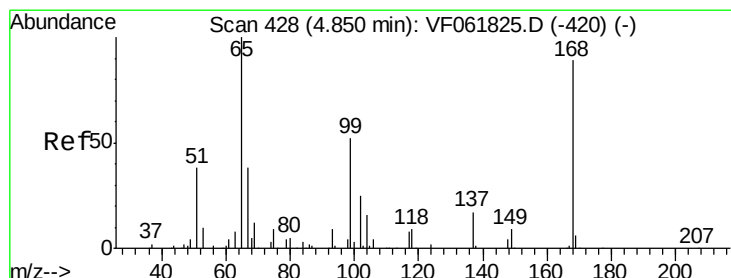
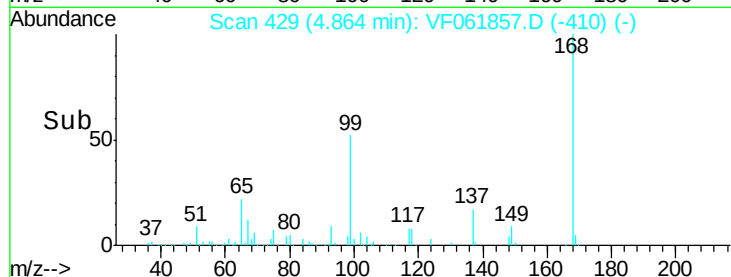
60000

40000

20000

0

Time--> 4.70 4.80 4.90 5.00



#33

1,2-Dichloroethane-d4

Concen: 54.078 ug/l

RT: 4.84 min Scan# 427

Delta R.T. -0.01 min

Lab File: VF061857.D

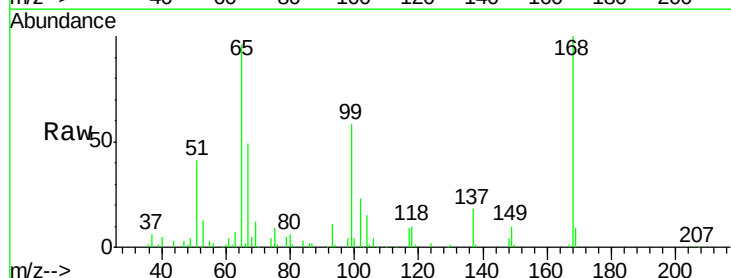
Acq: 5 Mar 2019 20:56

Tgt Ion: 65 Resp: 116973

Ion Ratio Lower Upper

65 100

67 50.6 0.0 108.6



Abundance Ion 65.00 (64.70 to 65.70): VF0

Ion 67.00 (66.70 to 67.70): VF0

4.84

40000

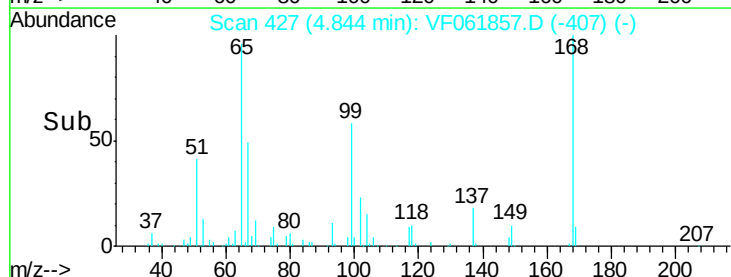
30000

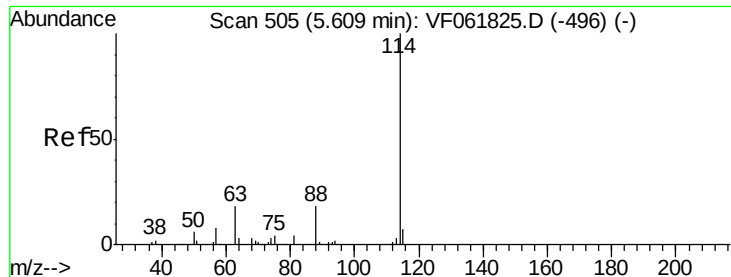
20000

10000

0

Time--> 4.70 4.80 4.90 5.00





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.59 min Scan# 503

Delta R.T. -0.02 min

Lab File: VF061857.D

Acq: 5 Mar 2019 20:56

Instrument :

MSVOA_F

ClientSampleId :

VIBLK

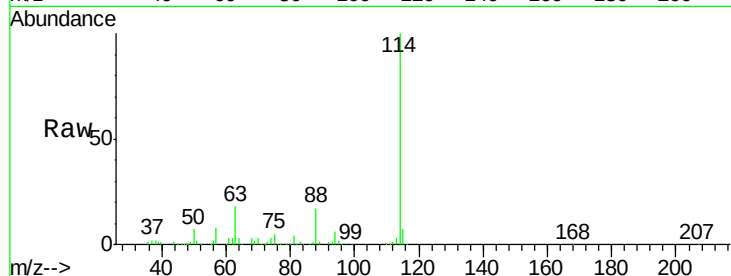
Tot Ion:114 Resp: 467085

Ion Ratio Lower Upper

114 100

63 18.3 0.0 35.6

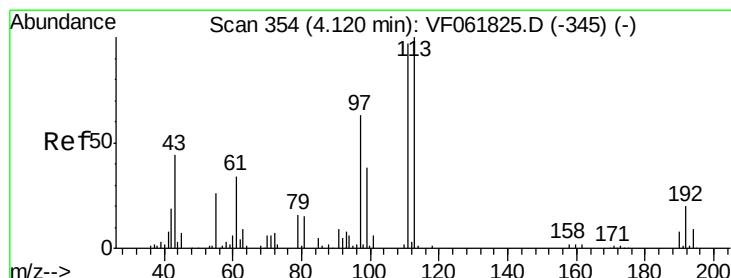
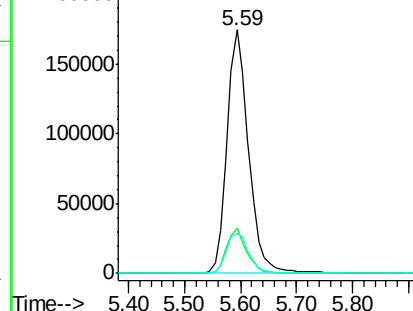
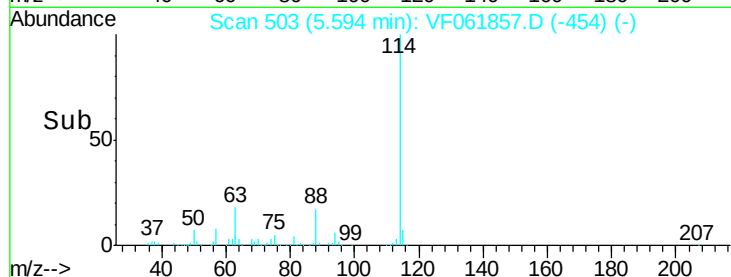
88 16.6 0.0 35.6



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



#35

Dibromofluoromethane

Concen: 53.114 ug/l

RT: 4.11 min Scan# 353

Delta R.T. -0.01 min

Lab File: VF061857.D

Acq: 5 Mar 2019 20:56

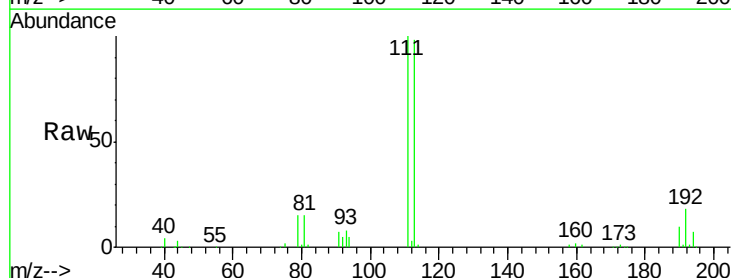
Tgt Ion:113 Resp: 173132

Ion Ratio Lower Upper

113 100

111 101.7 77.6 116.4

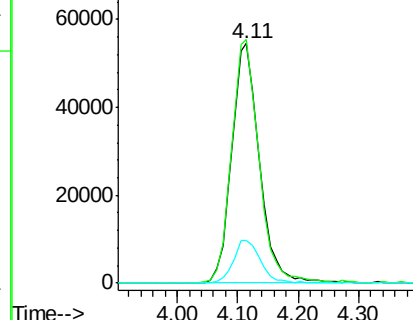
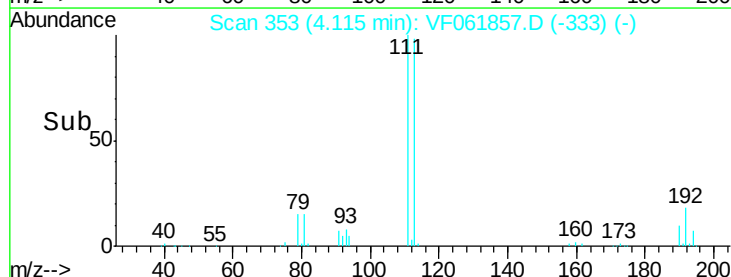
192 18.0 15.9 23.9

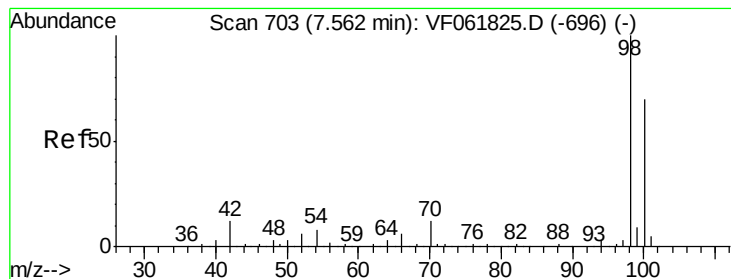


Abundance Ion 113.00 (112.70 to 113.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 192.00 (191.70 to 192.70): V





#50

Toluene-d8

Concen: 47.367 ug/l

RT: 7.55 min Scan# 701

Delta R.T. -0.02 min

Lab File: VF061857.D

Acq: 5 Mar 2019 20:56

Instrument :

MSVOA_F

ClientSampleId :

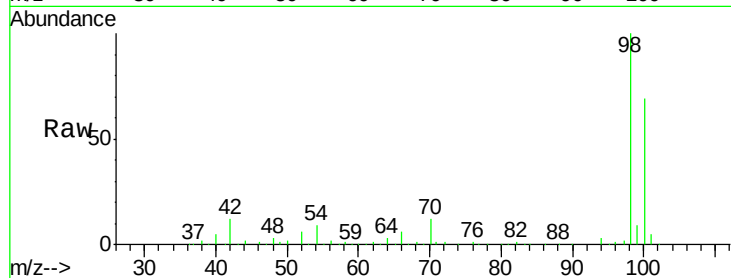
VIBLK

Tot Ion: 98 Resp: 458926

Ion Ratio Lower Upper

98 100

100 68.9 56.0 84.0



Abundance Ion 98.00 (97.70 to 98.70): VF0

Ion 100.00 (99.70 to 100.70): VF

7.55

200000

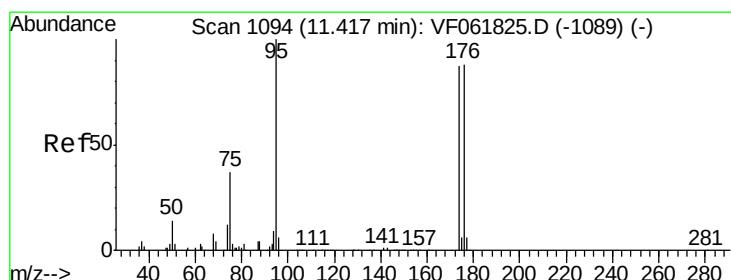
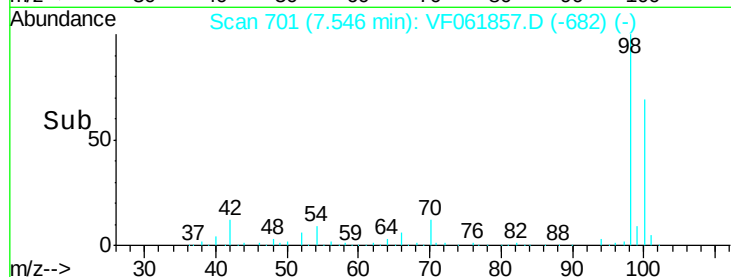
150000

100000

50000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 51.980 ug/l

RT: 11.41 min Scan# 1093

Delta R.T. -0.01 min

Lab File: VF061857.D

Acq: 5 Mar 2019 20:56

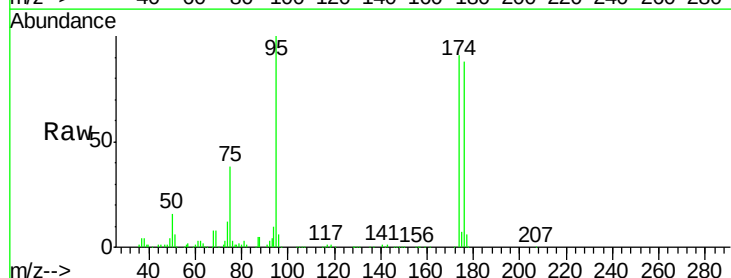
Tgt Ion: 95 Resp: 197278

Ion Ratio Lower Upper

95 100

174 91.3 0.0 174.0

176 88.4 0.0 175.2



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

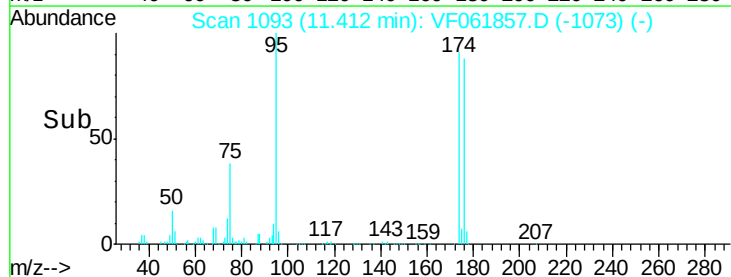
150000

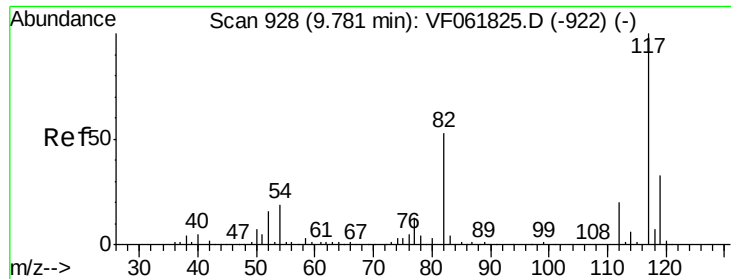
100000

50000

0

Time-->

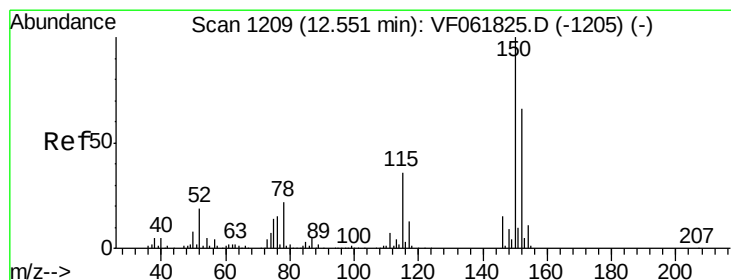
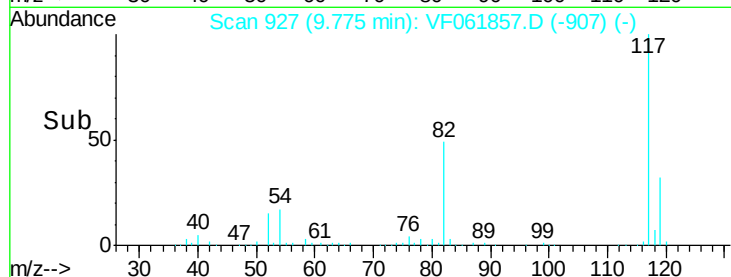
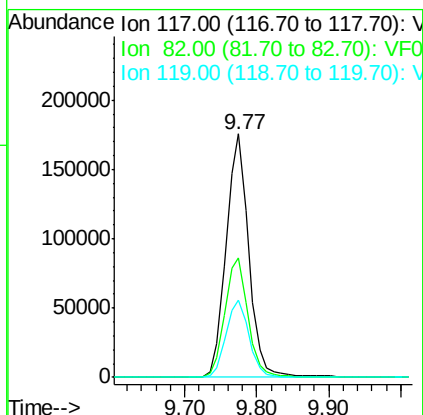
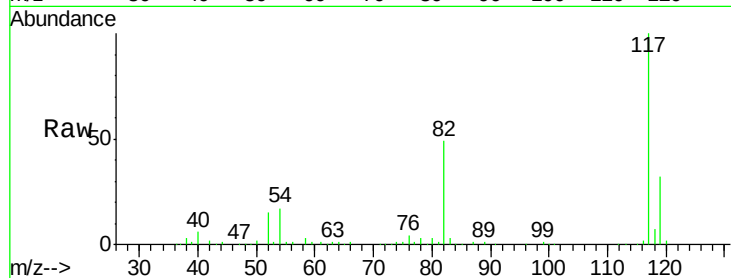




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.77 min Scan# 927
Delta R.T. -0.01 min
Lab File: VF061857.D
Acq: 5 Mar 2019 20:56

Instrument :
MSVOA_F
ClientSampleId :
VIBLK

Tot Ion:117 Resp: 383967
Ion Ratio Lower Upper
117 100
82 48.8 42.6 63.8
119 31.9 26.0 39.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.55 min Scan# 1208
Delta R.T. -0.01 min
Lab File: VF061857.D
Acq: 5 Mar 2019 20:56

Tgt Ion:152 Resp: 224698
Ion Ratio Lower Upper
152 100
115 53.1 27.7 83.1
150 150.2 0.0 304.2

