

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF070218\
 Data File : VF059398.D
 Acq On : 2 Jul 2018 20:23
 Operator : VA/AP
 Sample : J3802-04RE
 Misc : 5.67g/5mL/MSVOA-F/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 CF-4(3.0)RE

Quant Time: Jul 03 03:14:40 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F062518S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 26 08:45:17 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.02	168	201396	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.75	114	295563	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.90	117	238416	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.62	152	146020	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.00	65	154521	59.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	118.78%	
35) Dibromofluoromethane	4.27	113	144049	66.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	133.40%	
50) Toluene-d8	7.69	98	114265	21.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	42.74%	
62) 4-Bromofluorobenzene	11.50	95	154786	51.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.64%	

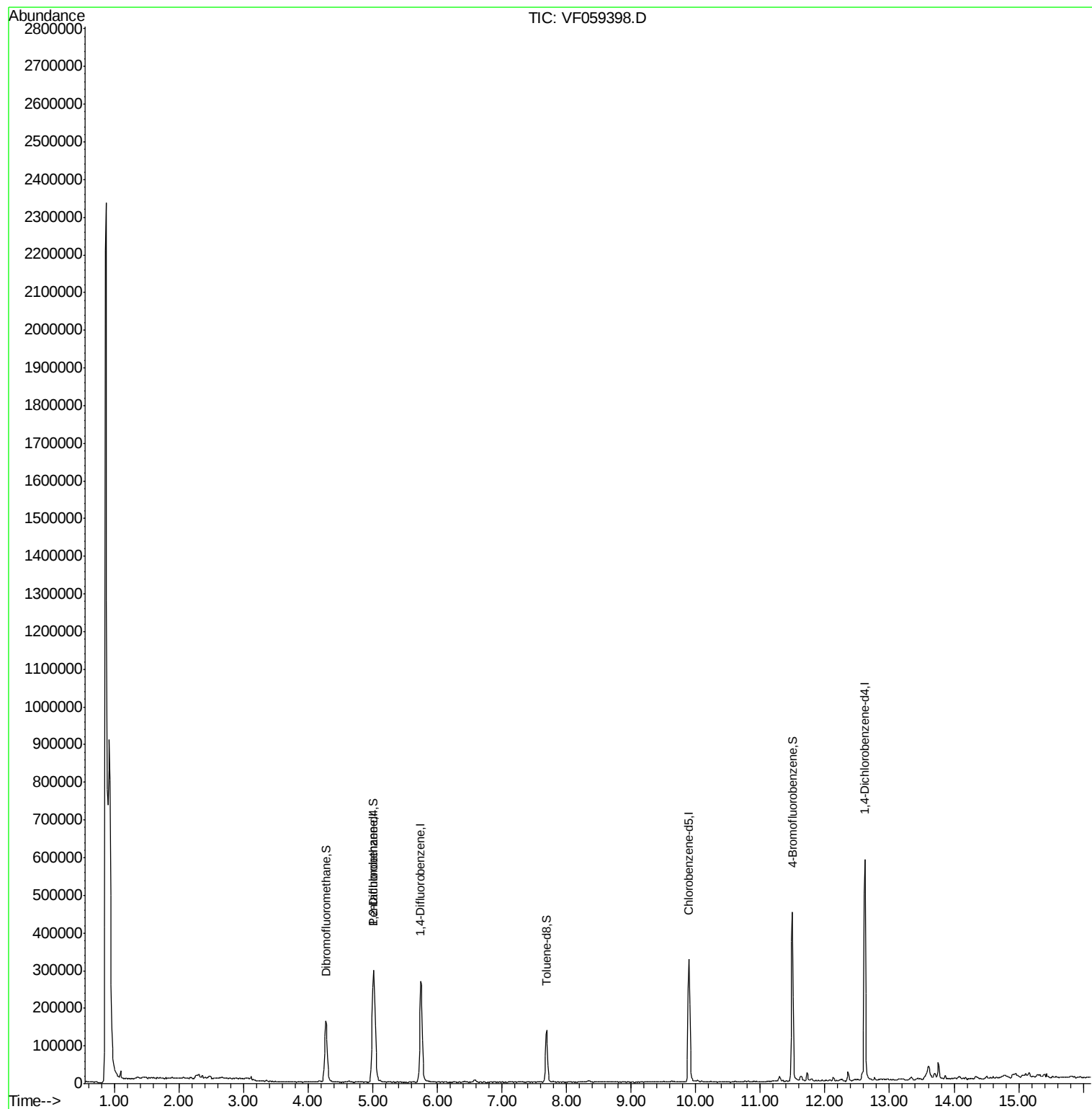
Target Compounds	Qvalue
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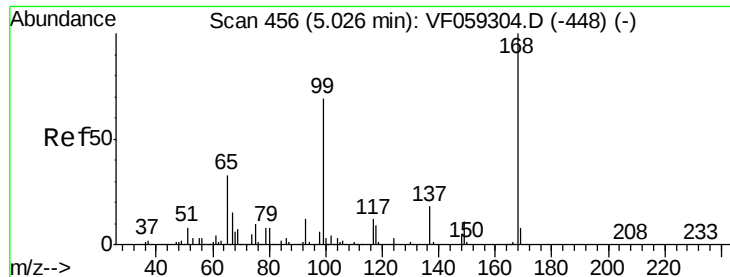
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Tue Jun 26 08:45:17 2018
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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.02 min Scan# 455

Delta R.T. -0.01 min

Lab File: VF059398.D

Acq: 2 Jul 2018 20:23

Instrument :

MSVOA_F

ClientSampleId :

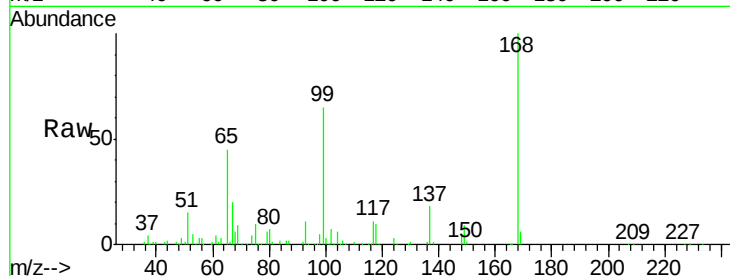
CF-4(3.0)RE

Tot Ion:168 Resp: 201396

Ion Ratio Lower Upper

168 100

99 64.9 54.9 82.3



Abundance Ion 168.00 (167.70 to 168.70): V

Ion 99.00 (98.70 to 99.70): VF0

5.02

80000

60000

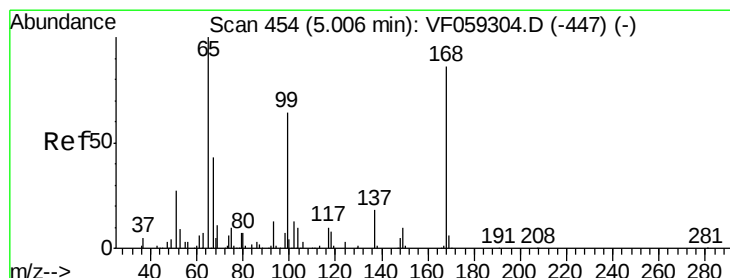
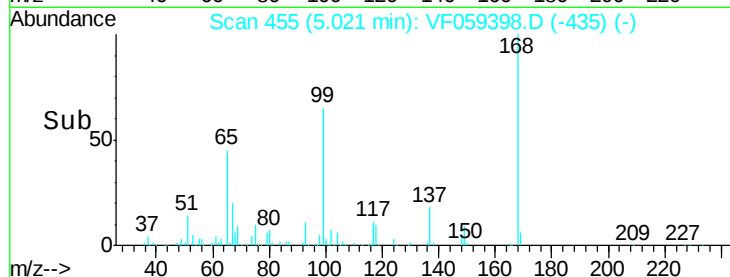
40000

20000

0

Time-->

4.90 5.00 5.10 5.20



#33

1,2-Dichloroethane-d4

Concen: 59.39 ug/l

RT: 5.00 min Scan# 453

Delta R.T. -0.01 min

Lab File: VF059398.D

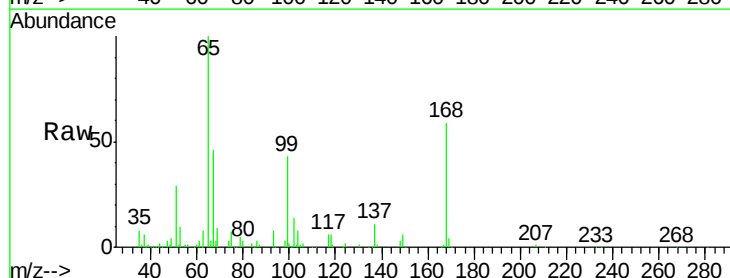
Acq: 2 Jul 2018 20:23

Tgt Ion: 65 Resp: 154521

Ion Ratio Lower Upper

65 100

67 45.9 0.0 96.8



Abundance Ion 65.00 (64.70 to 65.70): VF0

Ion 67.00 (66.70 to 67.70): VF0

5.00

60000

50000

40000

30000

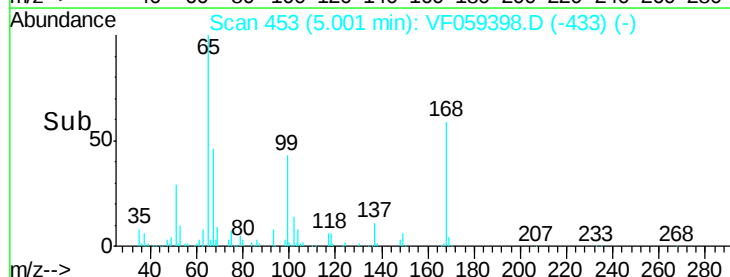
20000

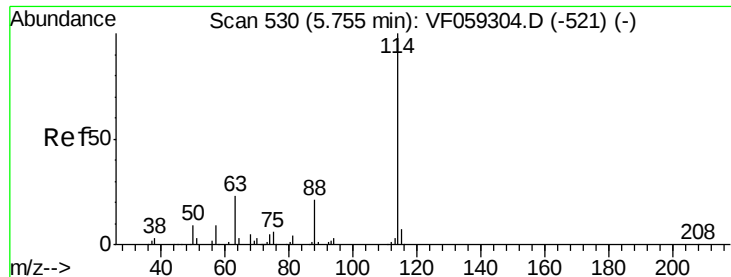
10000

0

Time-->

4.90 5.00 5.10 5.20





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 5.75 min Scan# 529

Delta R.T. -0.01 min

Lab File: VF059398.D

Acq: 2 Jul 2018 20:23

Instrument :

MSVOA_F

ClientSampleId :

CF-4(3.0)RE

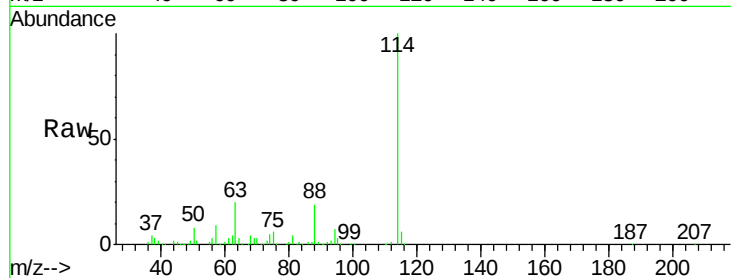
Tot Ion:114 Resp: 295563

Ion Ratio Lower Upper

114 100

63 19.6 0.0 45.8

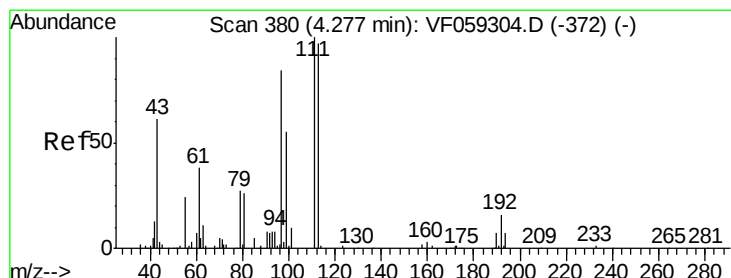
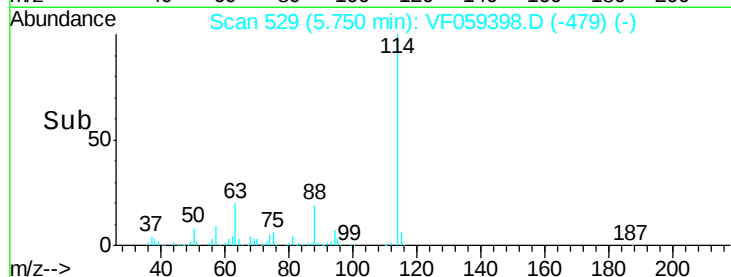
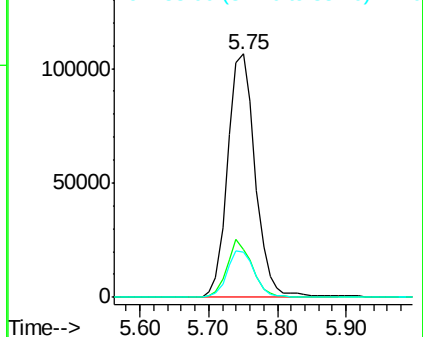
88 18.5 0.0 41.2



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: 66.70 ug/l

RT: 4.27 min Scan# 379

Delta R.T. -0.01 min

Lab File: VF059398.D

Acq: 2 Jul 2018 20:23

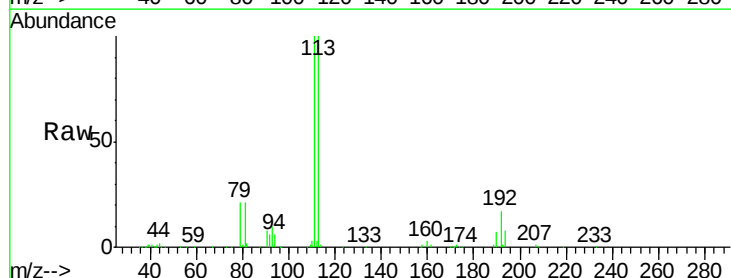
Tgt Ion:113 Resp: 144049

Ion Ratio Lower Upper

113 100

111 100.4 82.1 123.1

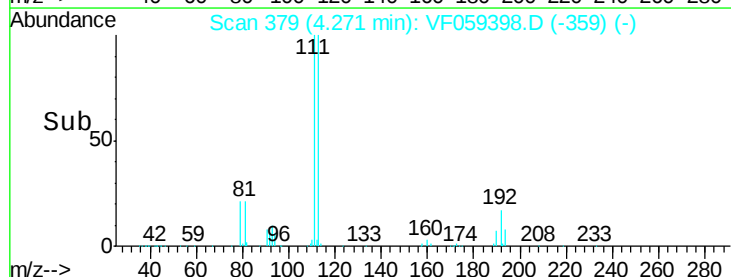
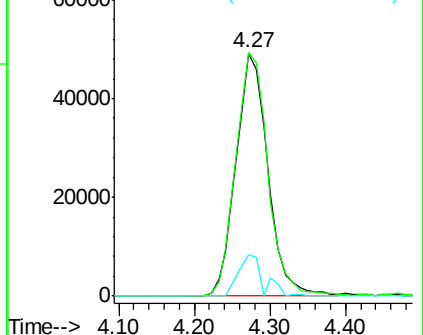
192 17.1 13.0 19.6



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: 21.37 ug/l

RT: 7.69 min Scan# 726

Delta R.T. -0.01 min

Lab File: VF059398.D

Acq: 2 Jul 2018 20:23

Instrument :

MSVOA_F

ClientSampled :

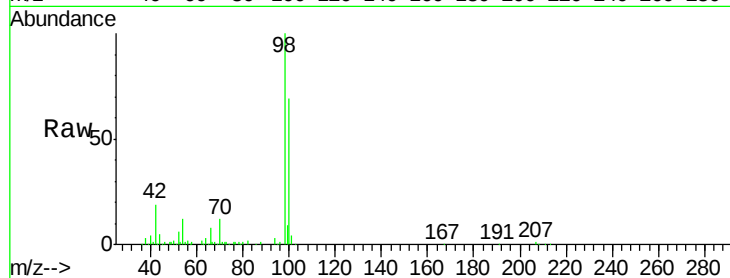
CF-4(3.0)RE

Tot Ion: 98 Resp: 114265

Ion Ratio Lower Upper

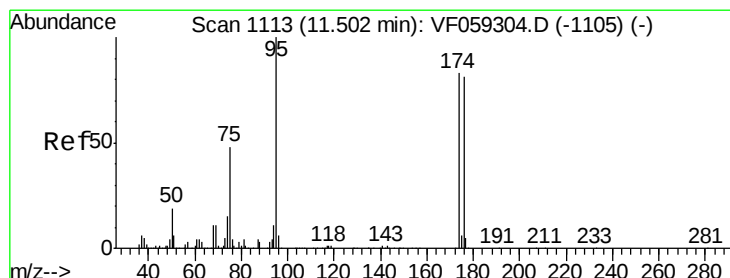
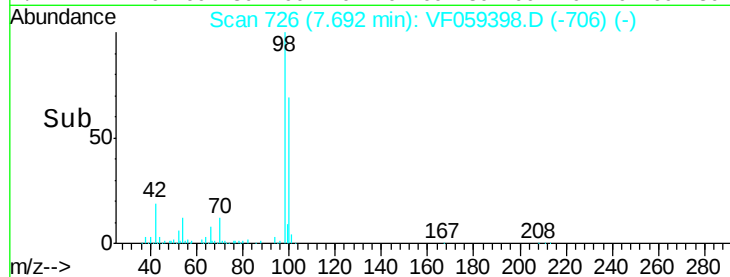
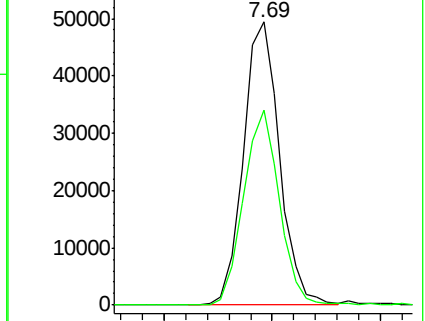
98 100

100 69.0 54.6 82.0



Abundance Ion 98.00 (97.70 to 98.70): VF0

Ion 100.00 (99.70 to 100.70): VF0



#62

4-Bromofluorobenzene

Concen: 51.32 ug/l

RT: 11.50 min Scan# 1112

Delta R.T. -0.01 min

Lab File: VF059398.D

Acq: 2 Jul 2018 20:23

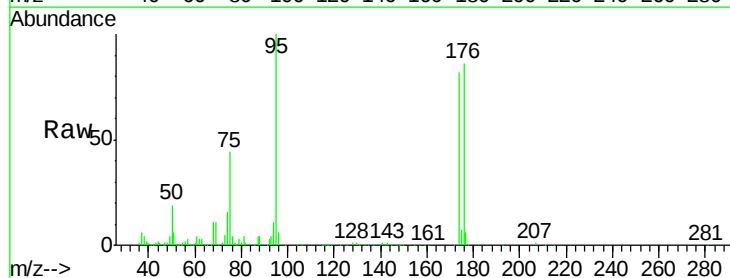
Tgt Ion: 95 Resp: 154786

Ion Ratio Lower Upper

95 100

174 82.3 0.0 165.2

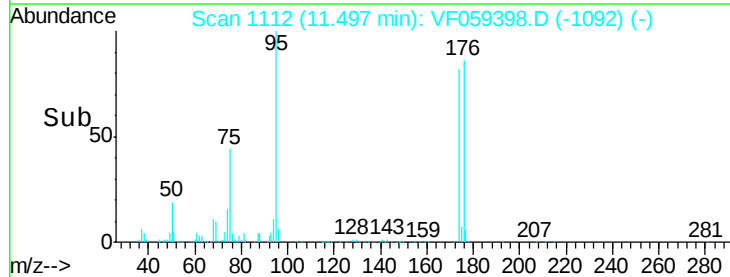
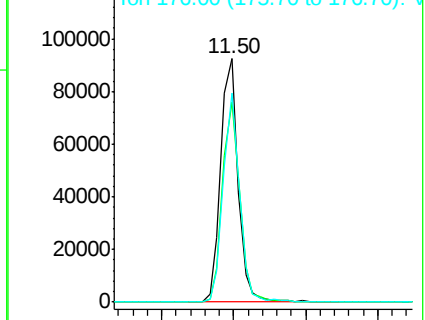
176 86.0 0.0 161.0

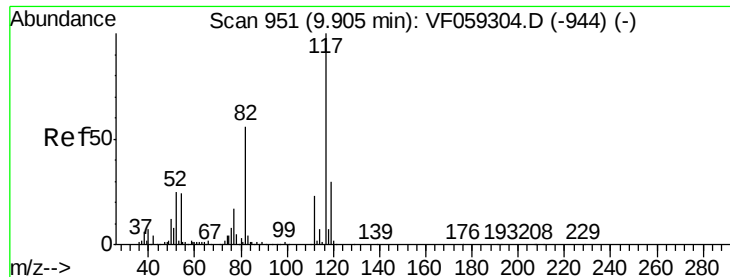


Abundance Ion 95.00 (94.70 to 95.70): VF0

Ion 174.00 (173.70 to 174.70): V

Ion 176.00 (175.70 to 176.70): V

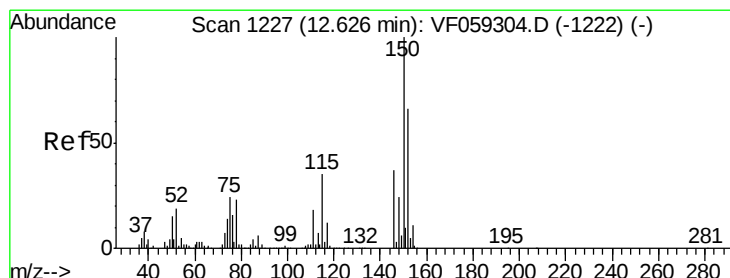
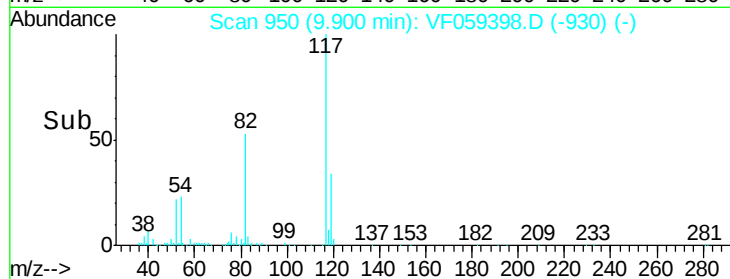
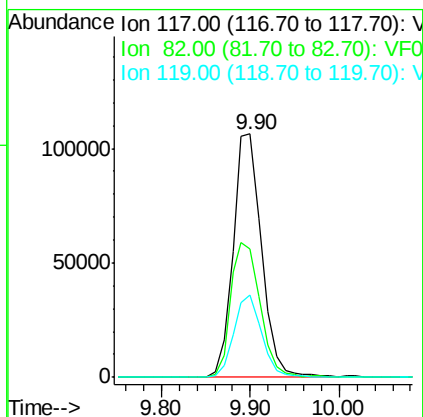
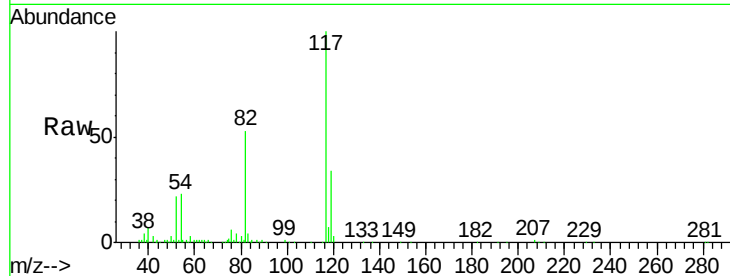




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.90 min Scan# 950
Delta R.T. -0.01 min
Lab File: VF059398.D
Acq: 2 Jul 2018 20:23

Instrument :
MSVOA_F
ClientSampled :
CF-4(3.0)RE

Tot Ion:117 Resp: 238416
Ion Ratio Lower Upper
117 100
82 52.8 44.6 66.8
119 33.9 24.1 36.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.62 min Scan# 1226
Delta R.T. -0.01 min
Lab File: VF059398.D
Acq: 2 Jul 2018 20:23

Tgt Ion:152 Resp: 146020
Ion Ratio Lower Upper
152 100
115 58.3 27.1 81.3
150 153.9 0.0 305.2

