

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF121018\
 Data File : VF060959.D
 Acq On : 10 Dec 2018 17:52
 Operator : VA/AP
 Sample : J6260-07RE
 Misc : 5.05g/5mL/MSVOA-F/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 SB-03-6.5-7.0RE

Quant Time: Dec 11 06:24:16 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F112618S.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 27 01:36:26 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.86	168	104441	50.00	ug/l	-0.05
34) 1,4-Difluorobenzene	5.59	114	154989	50.00	ug/l	-0.05
63) Chlorobenzene-d5	9.78	117	125587	50.00	ug/l	-0.04
72) 1,4-Dichlorobenzene-d4	12.55	152	55646	50.00	ug/l	-0.03

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.84	65	39911	32.44	ug/l	-0.04
Spiked Amount	50.000		Recovery	=	64.88%	
35) Dibromofluoromethane	4.10	113	49654	40.38	ug/l	-0.05
Spiked Amount	50.000		Recovery	=	80.76%	
50) Toluene-d8	7.55	98	137072	37.84	ug/l	-0.05
Spiked Amount	50.000		Recovery	=	75.68%	
62) 4-Bromofluorobenzene	11.41	95	56443	34.29	ug/l	-0.03
Spiked Amount	50.000		Recovery	=	68.58%	

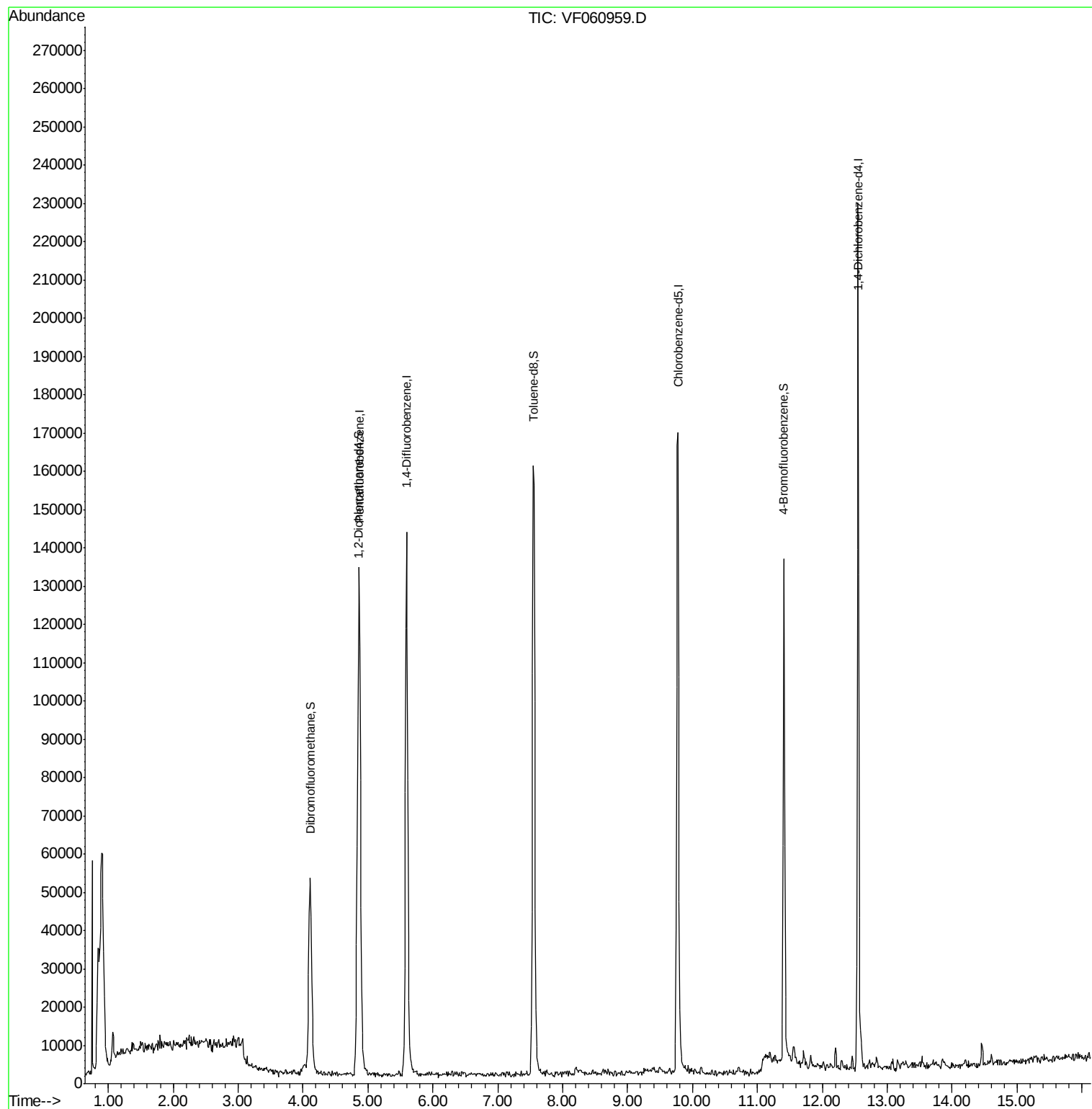
Target Compounds	Qvalue

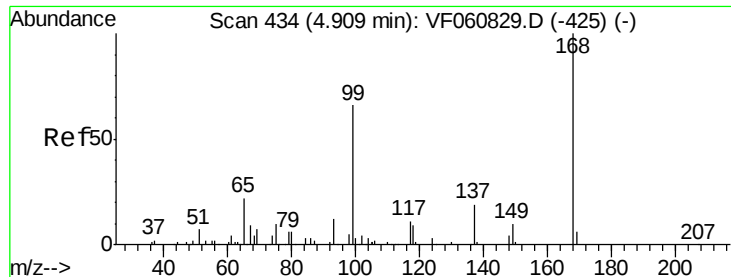
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.86 min Scan# 429

Delta R.T. -0.05 min

Lab File: VF060959.D

Acq: 10 Dec 2018 17:52

Instrument :

MSVOA_F

ClientSampleId :

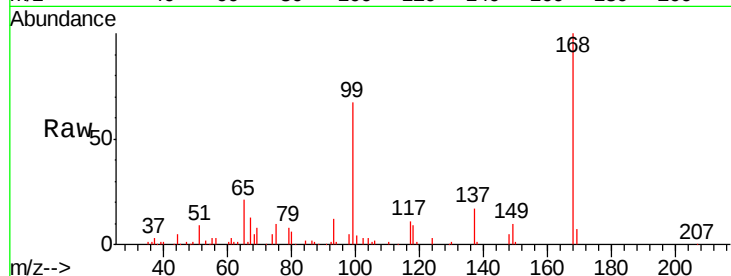
SB-03-6.5-7.0RE

Tgt Ion:168 Resp: 104441

Ion Ratio Lower Upper

168 100

99 67.4 52.6 79.0



Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

4.86

30000

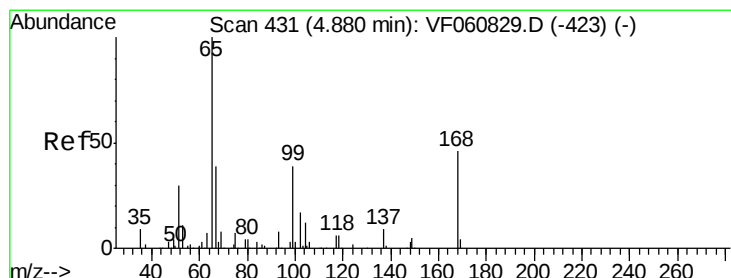
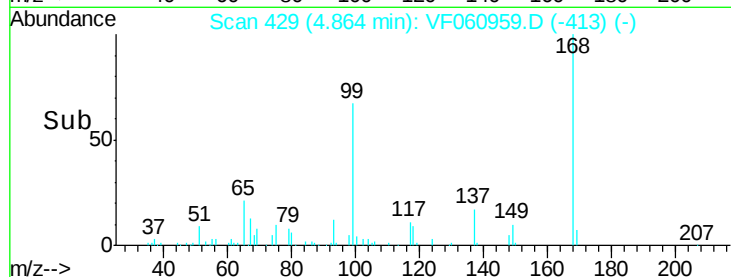
20000

10000

0

4.70 4.80 4.90 5.00 5.10

Time-->



#33

1,2-Dichloroethane-d4

Concen: 32.439 ug/l

RT: 4.84 min Scan# 427

Delta R.T. -0.04 min

Lab File: VF060959.D

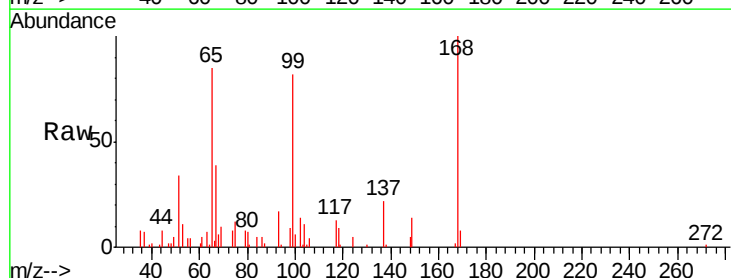
Acq: 10 Dec 2018 17:52

Tgt Ion: 65 Resp: 39911

Ion Ratio Lower Upper

65 100

67 46.0 0.0 96.4



Abundance Ion 65.00 (64.70 to 65.70): VF0

Ion 67.00 (66.70 to 67.70): VF0

15000

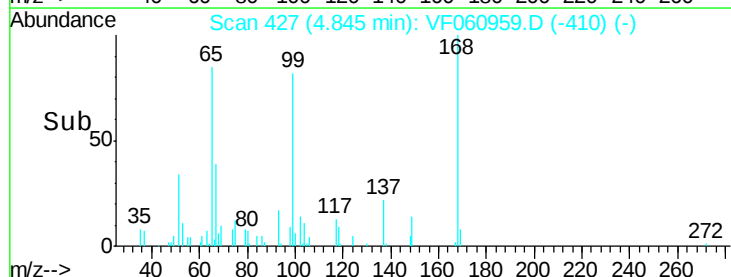
10000

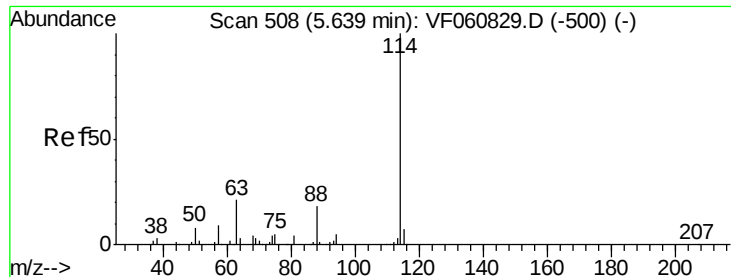
5000

0

4.70 4.80 4.90 5.00

Time-->





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.59 min Scan# 503

Delta R.T. -0.05 min

Lab File: VF060959.D

Acq: 10 Dec 2018 17:52

Instrument :

MSVOA_F

ClientSampleId :

SB-03-6.5-7.0RE

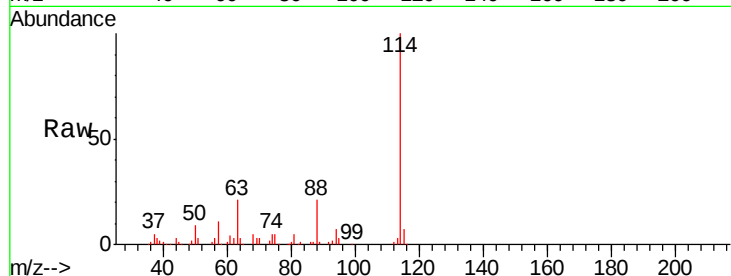
Tgt Ion:114 Resp: 154989

Ion Ratio Lower Upper

114 100

63 21.2 0.0 41.6

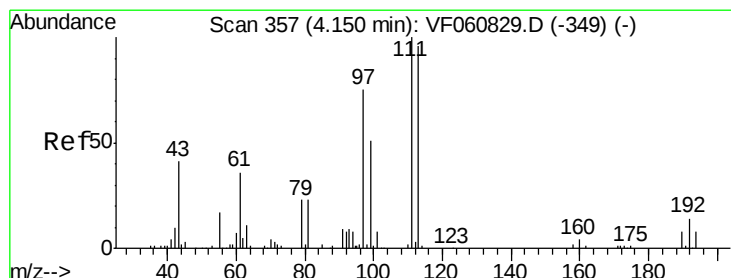
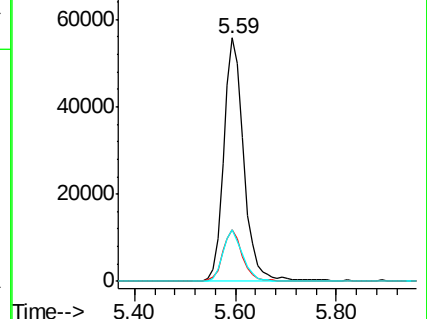
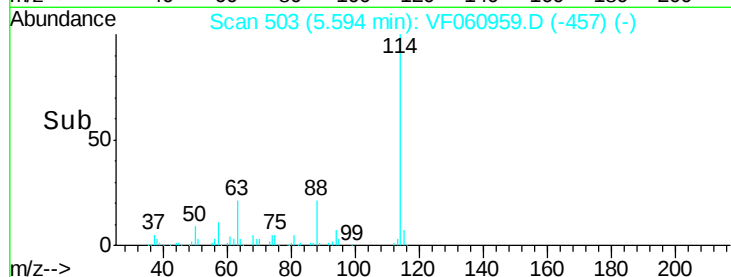
88 21.3 0.0 36.6



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: 40.383 ug/l

RT: 4.10 min Scan# 352

Delta R.T. -0.05 min

Lab File: VF060959.D

Acq: 10 Dec 2018 17:52

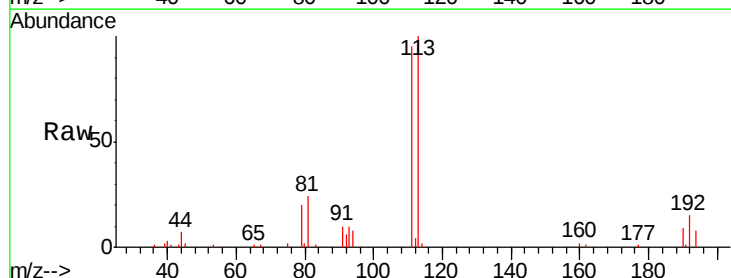
Tgt Ion:113 Resp: 49654

Ion Ratio Lower Upper

113 100

111 95.5 83.0 124.6

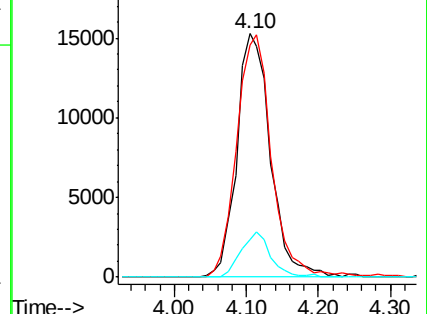
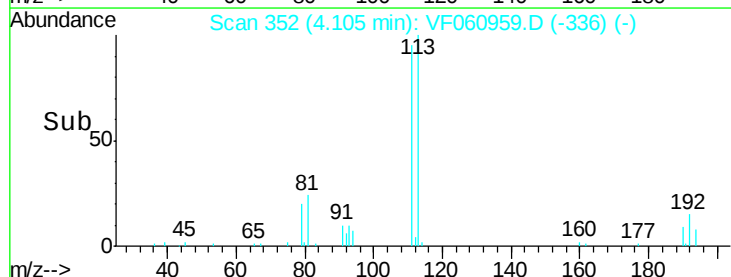
192 15.5 12.3 18.5

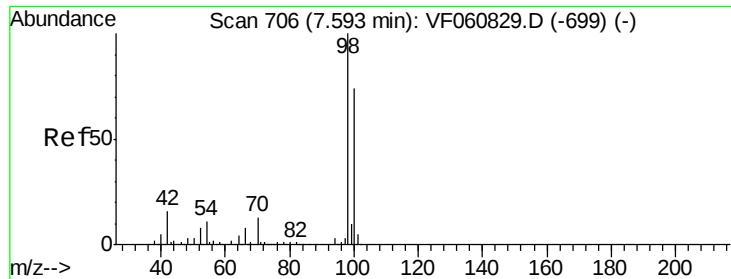


Abundance Ion 113.00 (112.70 to 113.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 192.00 (191.70 to 192.70): V





#50

Toluene-d8

Concen: 37.845 ug/l

RT: 7.55 min Scan# 701

Delta R.T. -0.05 min

Lab File: VF060959.D

Acq: 10 Dec 2018 17:52

Instrument :

MSVOA_F

ClientSampleId :

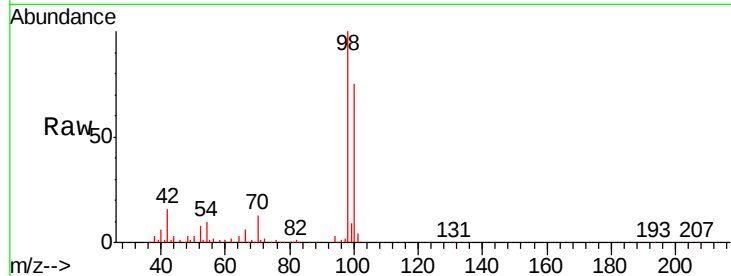
SB-03-6.5-7.0RE

Tgt Ion: 98 Resp: 137072

Ion Ratio Lower Upper

98 100

100 75.0 59.3 88.9



Abundance Ion 98.00 (97.70 to 98.70): VF0

Ion 100.00 (99.70 to 100.70): VF

60000

50000

40000

30000

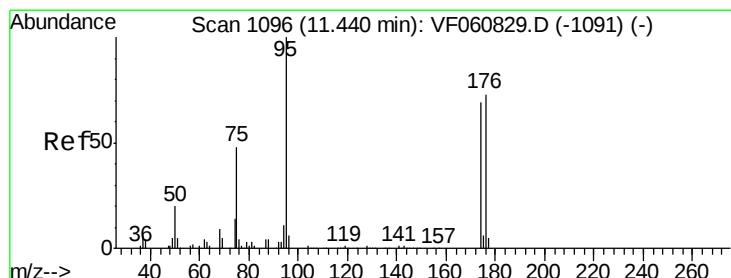
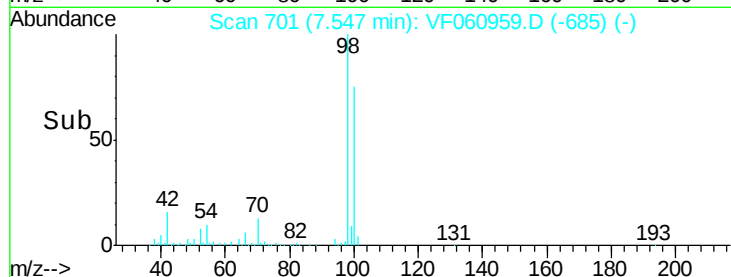
20000

10000

0

7.40 7.50 7.60 7.70

Time-->



#62

4-Bromofluorobenzene

Concen: 34.289 ug/l

RT: 11.41 min Scan# 1093

Delta R.T. -0.03 min

Lab File: VF060959.D

Acq: 10 Dec 2018 17:52

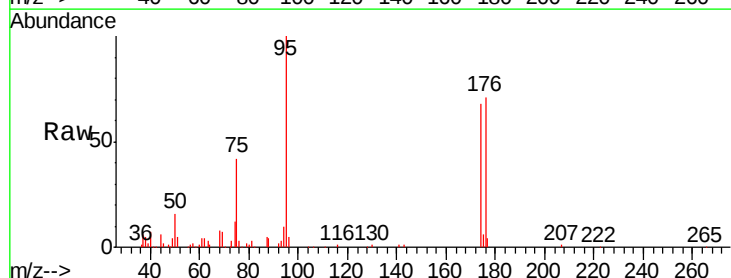
Tgt Ion: 95 Resp: 56443

Ion Ratio Lower Upper

95 100

174 68.5 0.0 138.2

176 70.5 0.0 146.2



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

40000

30000

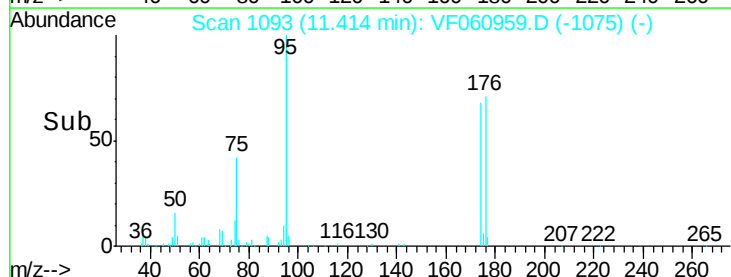
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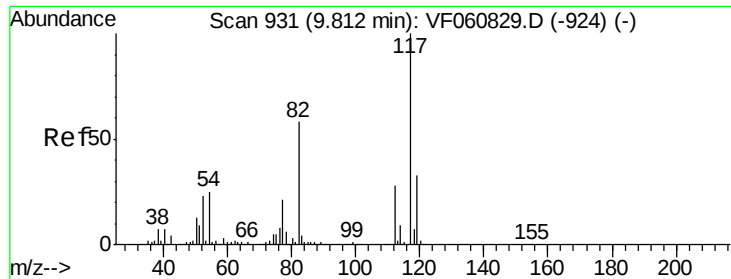
10000

0

11.30 11.40 11.50

Time-->

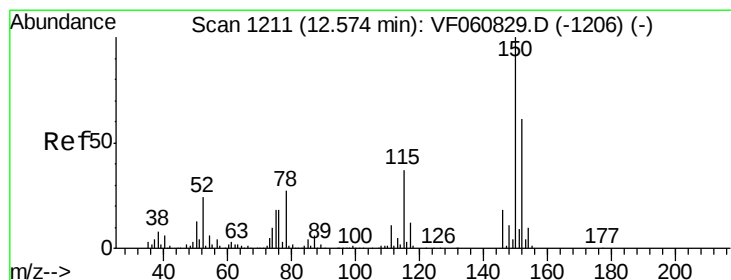
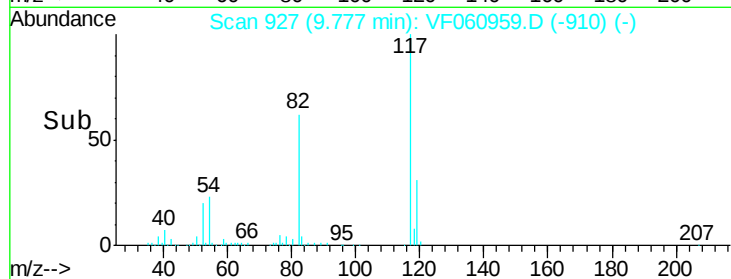
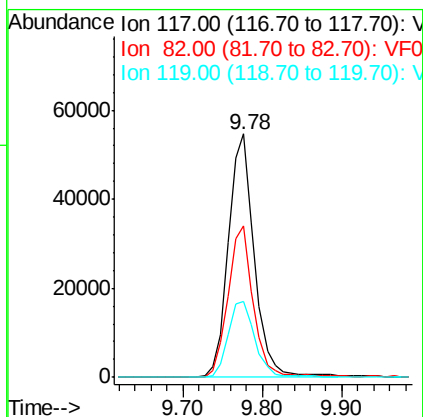
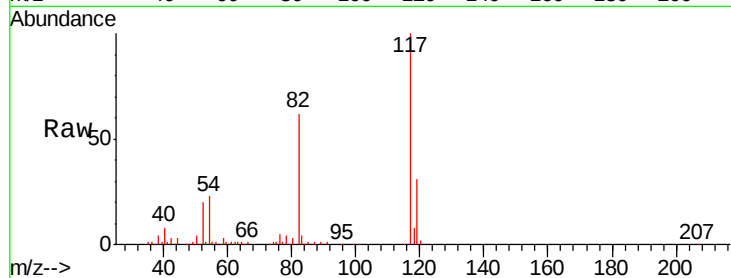




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.78 min Scan# 927
Delta R.T. -0.04 min
Lab File: VF060959.D
Acq: 10 Dec 2018 17:52

Instrument :
MSVOA_F
ClientSampleId :
SB-03-6.5-7.0RE

Tgt Ion	Ratio	Lower	Upper
117	100		
82	62.2	46.6	69.8
119	31.2	26.4	39.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.55 min Scan# 1208
Delta R.T. -0.03 min
Lab File: VF060959.D
Acq: 10 Dec 2018 17:52

Tgt Ion	Ratio	Lower	Upper
152	100		
115	61.3	30.1	90.5
150	158.0	0.0	327.6

