

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF120718\
 Data File : VF060939.D
 Acq On : 7 Dec 2018 20:03
 Operator : VA/AP
 Sample : J6214-23
 Misc : 5.23g/5mL/MSVOA-F/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 SB-3(0-2)

Quant Time: Dec 08 03:50:40 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	4.85	168	186249	50.00	ug/l	-0.06
34) 1,4-Difluorobenzene	5.58	114	320821	50.00	ug/l	-0.06
63) Chlorobenzene-d5	9.76	117	244626	50.00	ug/l	-0.06
72) 1,4-Dichlorobenzene-d4	12.54	152	84884	50.00	ug/l	-0.04

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.82	65	118004	53.78	ug/l	-0.06
Spiked Amount	50.000		Recovery	=	107.56%	
35) Dibromofluoromethane	4.09	113	122221	48.02	ug/l	-0.06
Spiked Amount	50.000		Recovery	=	96.04%	
50) Toluene-d8	7.54	98	261905	34.93	ug/l	-0.06
Spiked Amount	50.000		Recovery	=	69.86%	
62) 4-Bromofluorobenzene	11.39	95	99977	29.34	ug/l	-0.05
Spiked Amount	50.000		Recovery	=	58.68%	

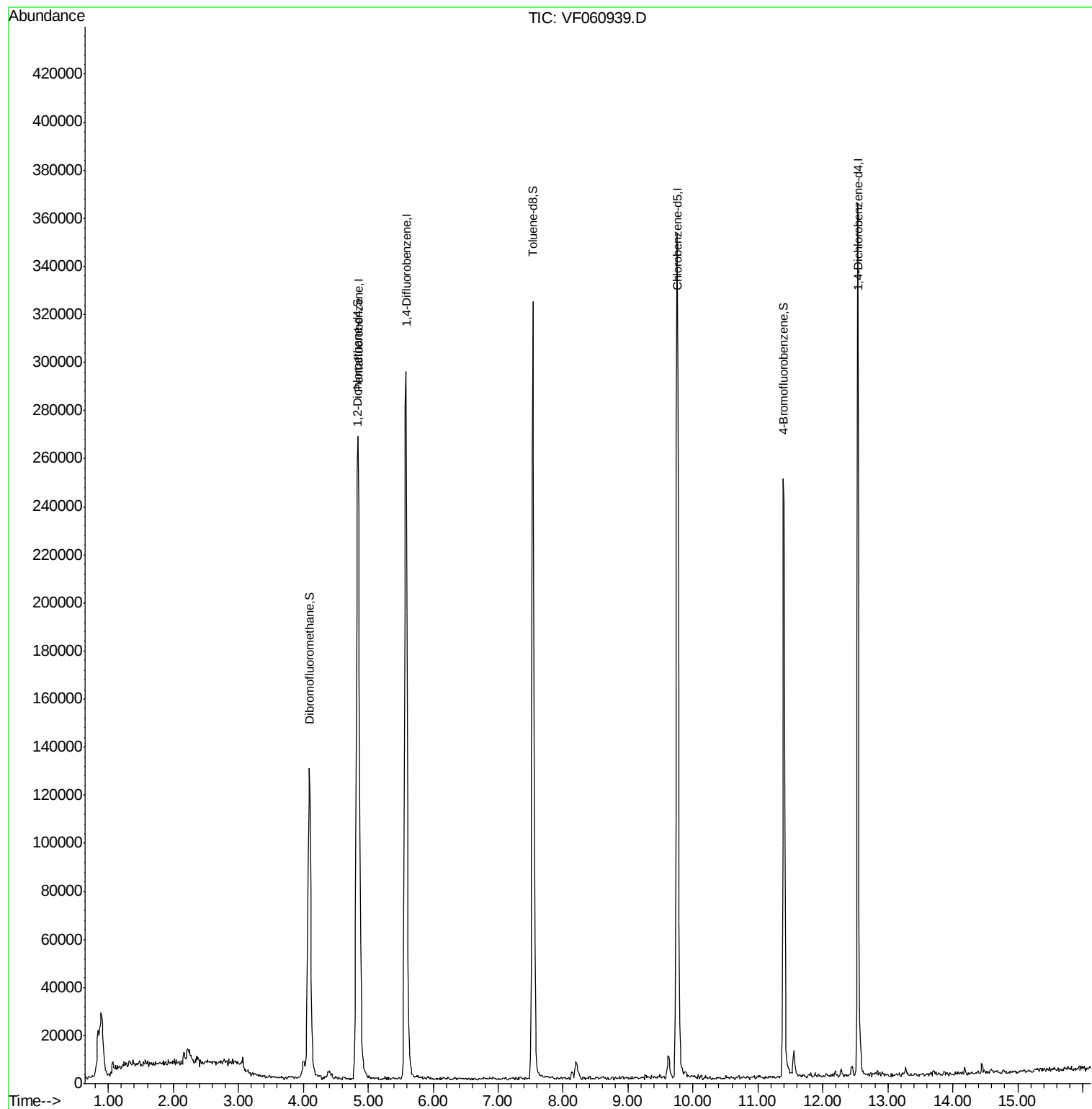
Target Compounds	Qvalue
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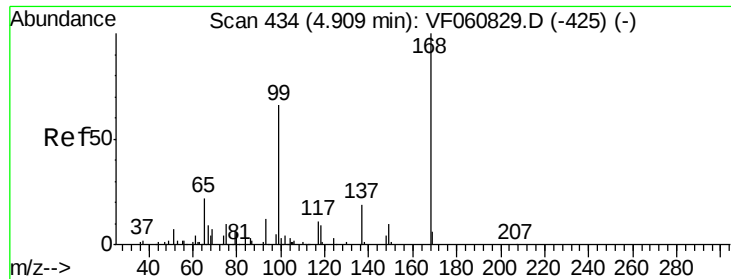
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Tue Nov 27 01:36:26 2018
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.85 min Scan# 428

Delta R.T. -0.06 min

Lab File: VF060939.D

Acq: 7 Dec 2018 20:03

Instrument :

MSVOA_F

ClientSampleId :

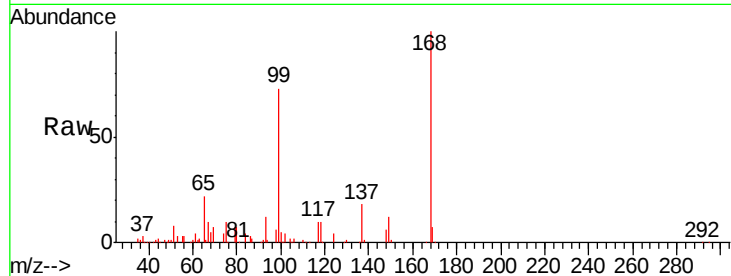
SB-3(0-2)

Tgt Ion:168 Resp: 186249

Ion Ratio Lower Upper

168 100

99 72.8 52.6 79.0



Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

4.85

60000

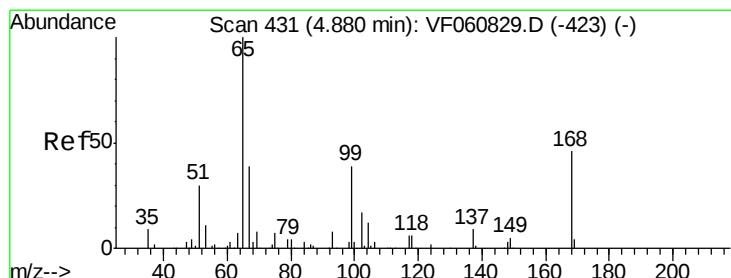
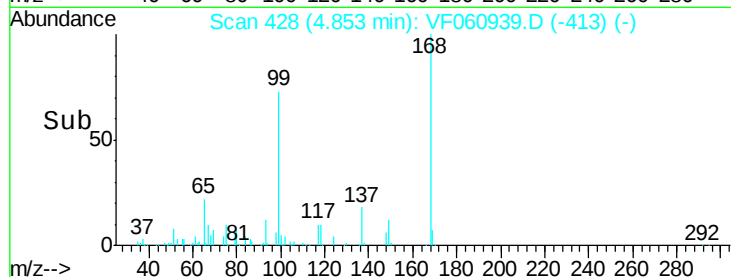
40000

20000

0

4.70 4.80 4.90 5.00

Time-->



#33

1,2-Dichloroethane-d4

Concen: 53.783 ug/l

RT: 4.82 min Scan# 425

Delta R.T. -0.06 min

Lab File: VF060939.D

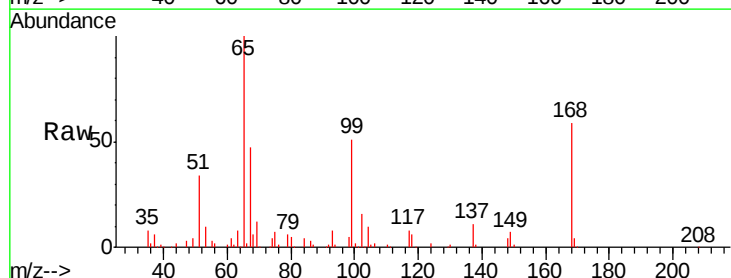
Acq: 7 Dec 2018 20:03

Tgt Ion: 65 Resp: 118004

Ion Ratio Lower Upper

65 100

67 46.5 0.0 96.4



Abundance Ion 65.00 (64.70 to 65.70): VF0

Ion 67.00 (66.70 to 67.70): VF0

4.82

40000

30000

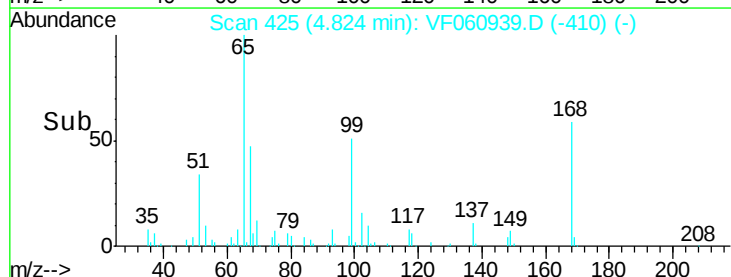
20000

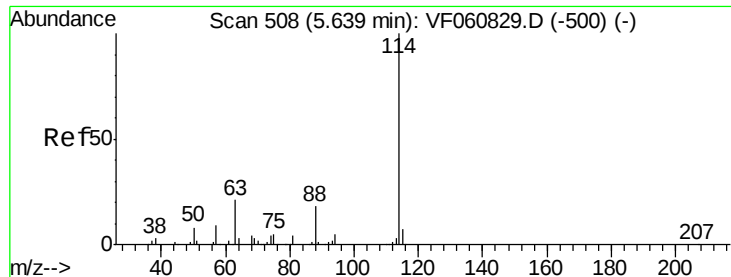
10000

0

4.70 4.80 4.90 5.00

Time-->





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.58 min Scan# 502

Delta R.T. -0.06 min

Lab File: VF060939.D

Acq: 7 Dec 2018 20:03

Instrument :

MSVOA_F

ClientSampleId :

SB-3(0-2)

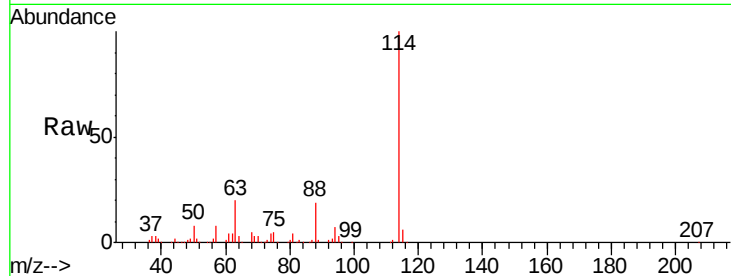
Tgt Ion:114 Resp: 320821

Ion Ratio Lower Upper

114 100

63 20.2 0.0 41.6

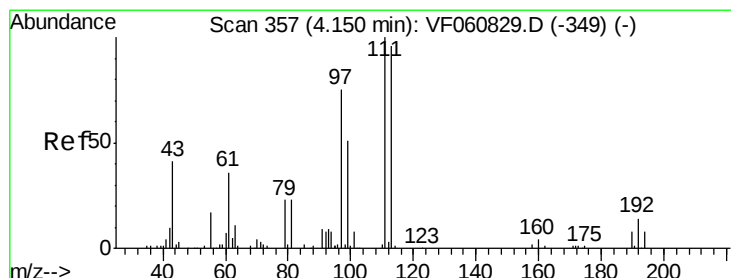
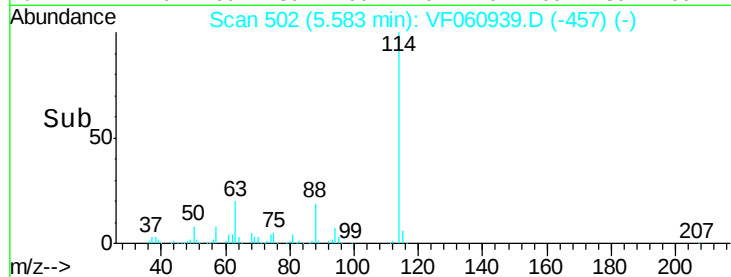
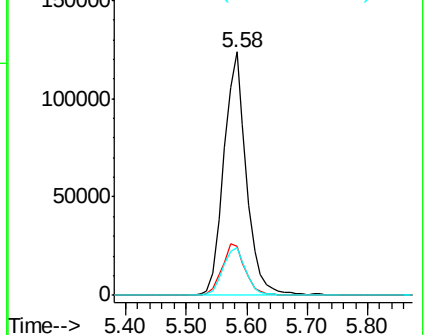
88 19.5 0.0 36.6



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: 48.021 ug/l

RT: 4.09 min Scan# 351

Delta R.T. -0.06 min

Lab File: VF060939.D

Acq: 7 Dec 2018 20:03

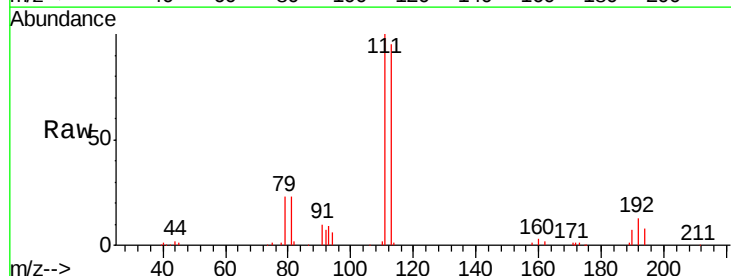
Tgt Ion:113 Resp: 122221

Ion Ratio Lower Upper

113 100

111 104.7 83.0 124.6

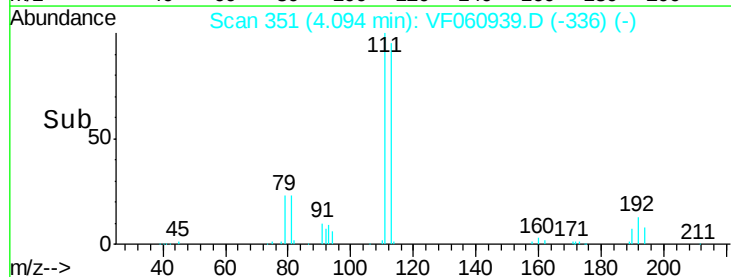
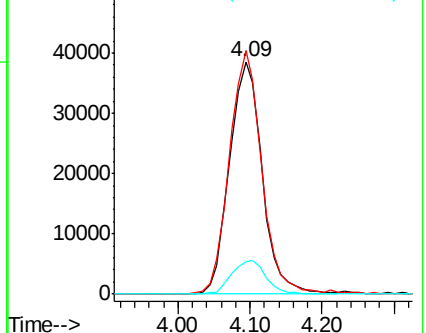
192 13.9 12.3 18.5

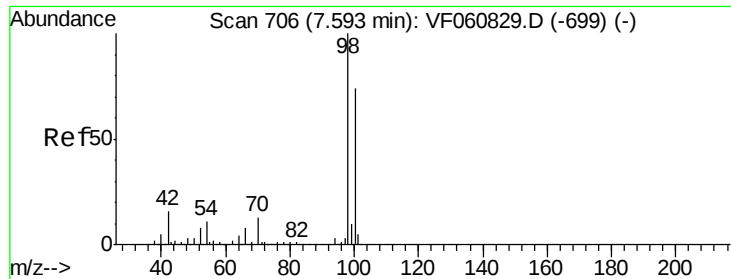


Abundance Ion 113.00 (112.70 to 113.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 192.00 (191.70 to 192.70): V





#50

Toluene-d8

Concen: 34.933 ug/l

RT: 7.54 min Scan# 700

Delta R.T. -0.06 min

Lab File: VF060939.D

Acq: 7 Dec 2018 20:03

Instrument :

MSVOA_F

ClientSampleId :

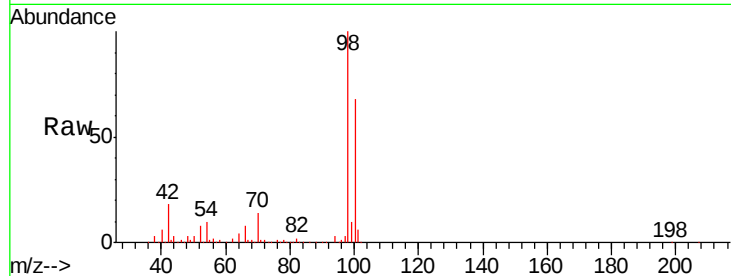
SB-3(0-2)

Tgt Ion: 98 Resp: 261905

Ion Ratio Lower Upper

98 100

100 68.2 59.3 88.9



Abundance Ion 98.00 (97.70 to 98.70): VF0

Ion 100.00 (99.70 to 100.70): VF

7.54

120000

100000

80000

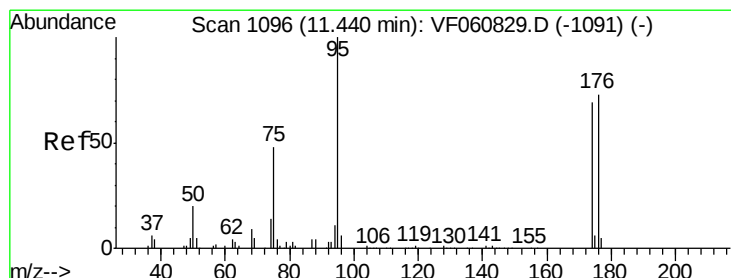
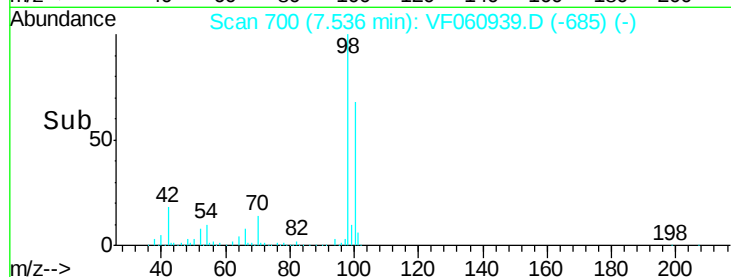
60000

40000

20000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 29.341 ug/l

RT: 11.39 min Scan# 1091

Delta R.T. -0.05 min

Lab File: VF060939.D

Acq: 7 Dec 2018 20:03

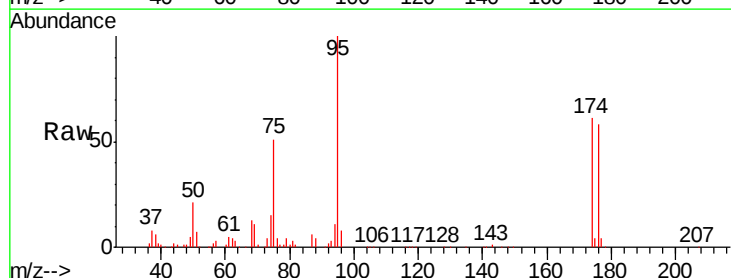
Tgt Ion: 95 Resp: 99977

Ion Ratio Lower Upper

95 100

174 60.7 0.0 138.2

176 57.9 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

11.39

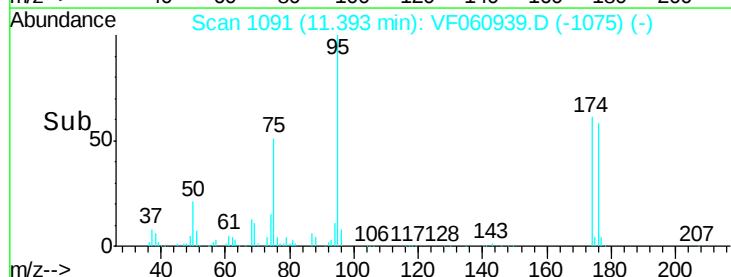
60000

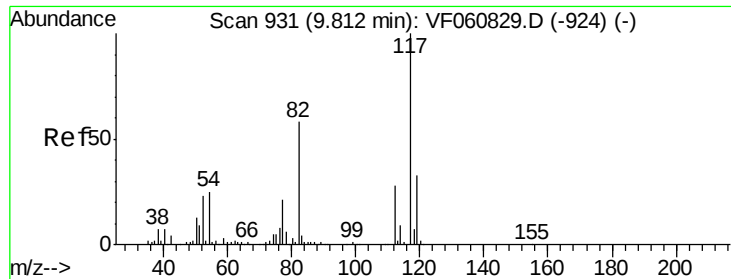
40000

20000

0

Time-->

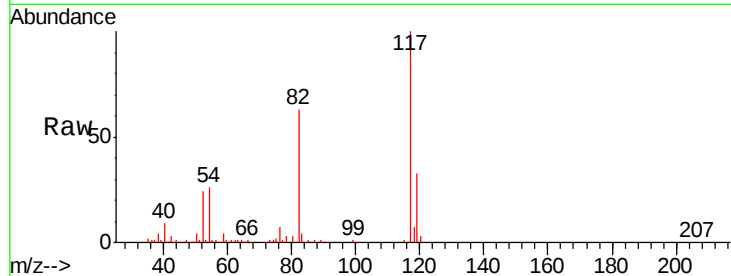




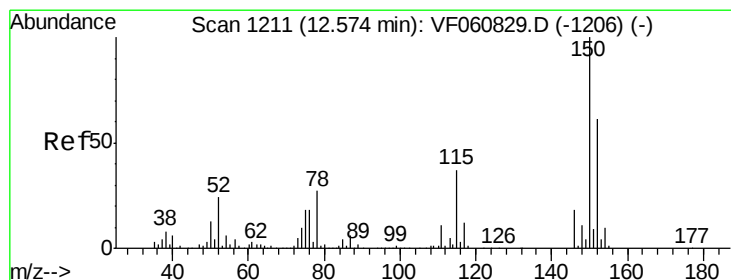
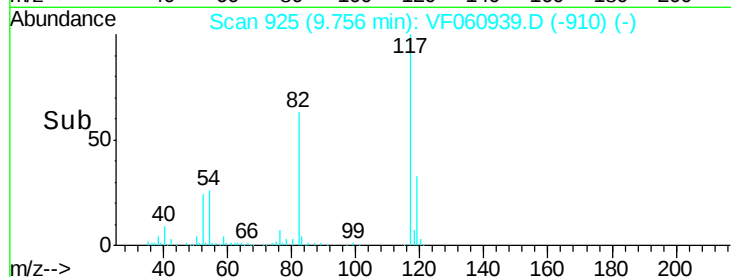
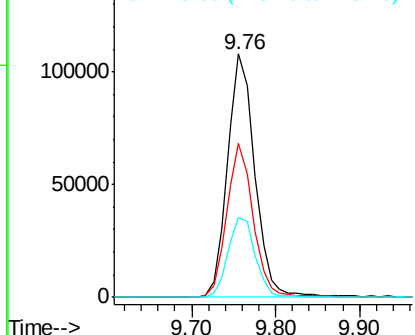
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.76 min Scan# 925
Delta R.T. -0.06 min
Lab File: VF060939.D
Acq: 7 Dec 2018 20:03

Instrument :
MSVOA_F
ClientSampleId :
SB-3(0-2)

Tgt Ion	Ratio	Lower	Upper
117	100		
82	63.5	46.6	69.8
119	32.9	26.4	39.6

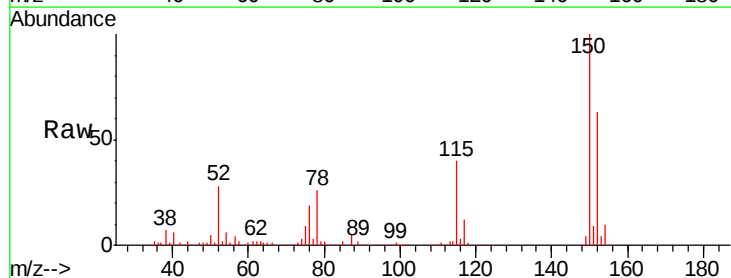


Abundance Ion 117.00 (116.70 to 117.70): V
Ion 82.00 (81.70 to 82.70): VF0
Ion 119.00 (118.70 to 119.70): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.54 min Scan# 1207
Delta R.T. -0.04 min
Lab File: VF060939.D
Acq: 7 Dec 2018 20:03

Tgt Ion	Ratio	Lower	Upper
152	100		
115	64.2	30.1	90.5
150	158.9	0.0	327.6



Abundance Ion 152.00 (151.70 to 152.70): V
Ion 115.00 (114.70 to 115.70): V
Ion 150.00 (149.70 to 150.70): V

