

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF100518\
 Data File : VF060470.D
 Acq On : 5 Oct 2018 22:23
 Operator : VA/AP
 Sample : J5084-11
 Misc : 6.12/5mL/MSVOA F/SOIL
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 B-2(13-13.5)

Quant Time: Oct 06 05:26:49 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F100118S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 02 11:42:56 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.02	168	188824	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.74	114	305048	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.90	117	267125	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.62	152	167829	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.00	65	133976	45.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.68%	
35) Dibromofluoromethane	4.27	113	126167	44.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.06%	
50) Toluene-d8	7.69	98	212004	30.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	60.08%	
62) 4-Bromofluorobenzene	11.49	95	107975	33.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	67.02%	

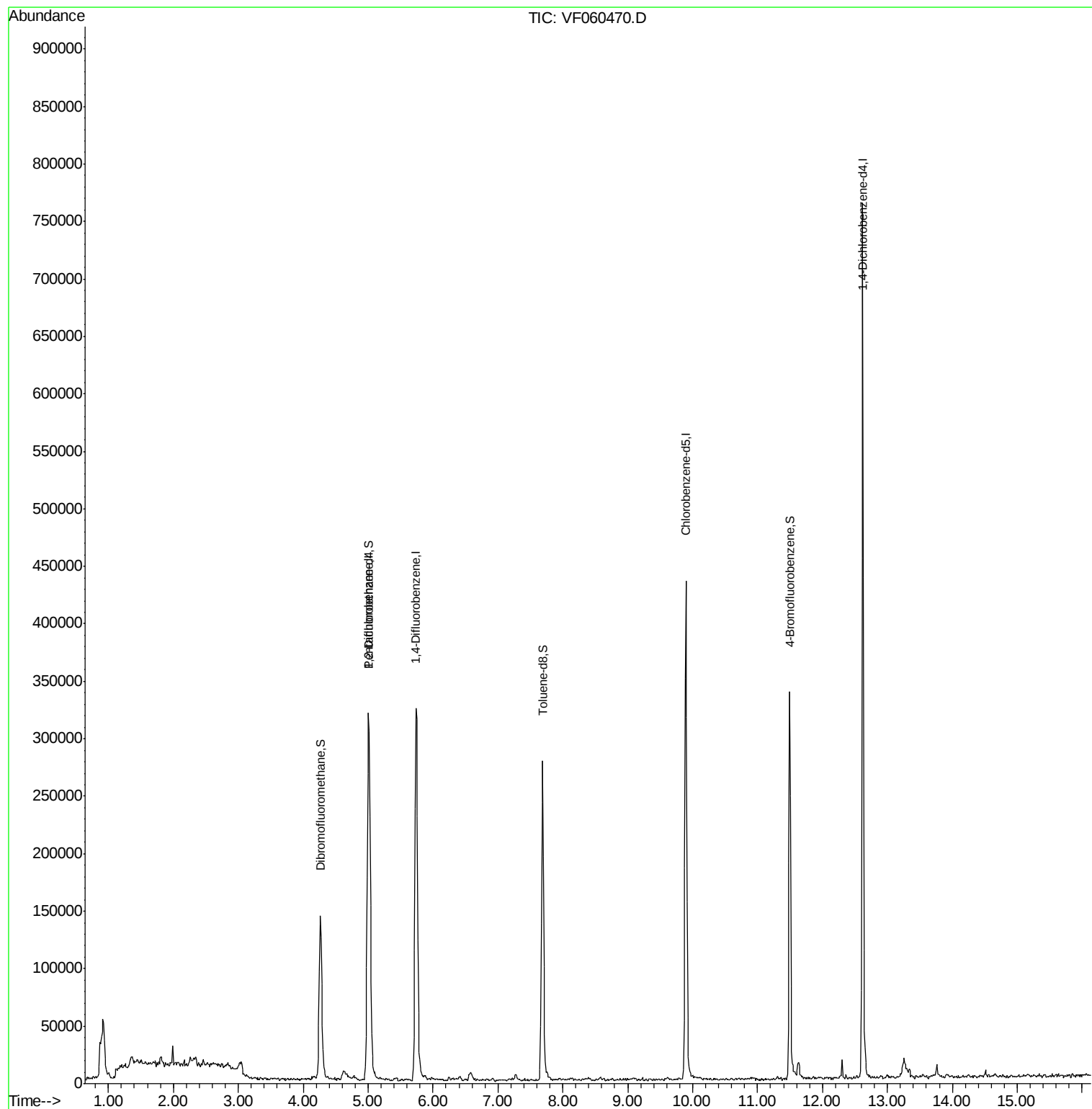
Target Compounds	Qvalue
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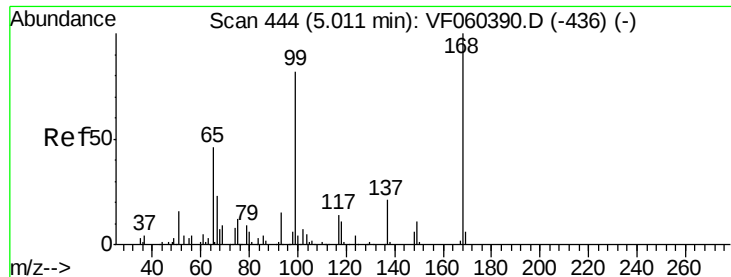
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.02 min Scan# 445

Delta R.T. 0.01 min

Lab File: VF060470.D

Acq: 5 Oct 2018 22:23

Instrument :

MSVOA_F

ClientSampleId :

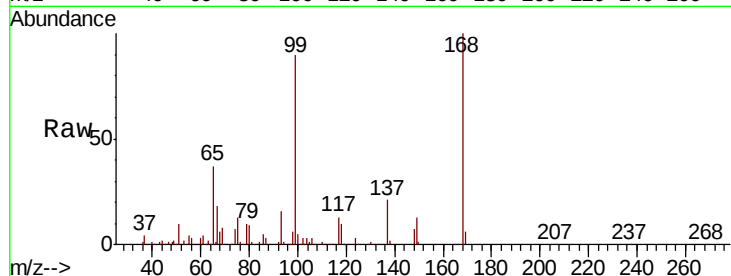
B-2(13-13.5)

Tot Ion:168 Resp: 188824

Ion Ratio Lower Upper

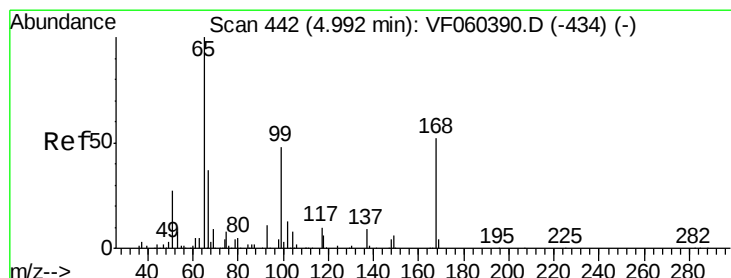
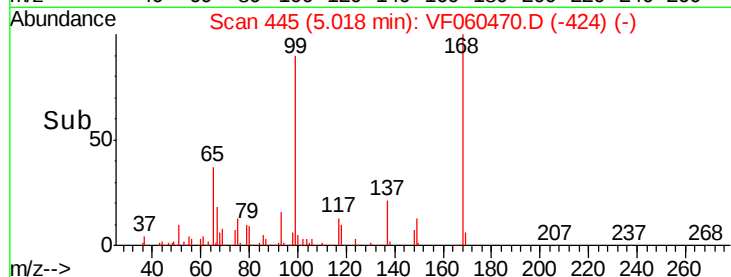
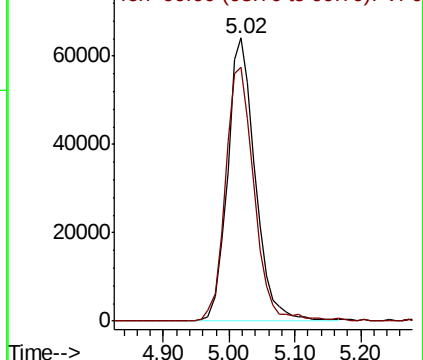
168 100

99 89.7 65.3 97.9



Abundance Ion 168.00 (167.70 to 168.70): V

Ion 99.00 (98.70 to 99.70): VF0



#33

1,2-Dichloroethane-d4

Concen: 45.344 ug/l

RT: 5.00 min Scan# 443

Delta R.T. 0.01 min

Lab File: VF060470.D

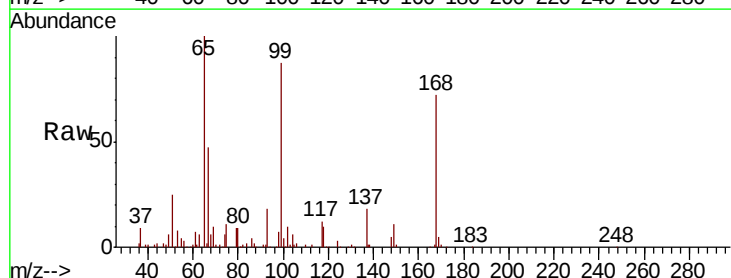
Acq: 5 Oct 2018 22:23

Tgt Ion: 65 Resp: 133976

Ion Ratio Lower Upper

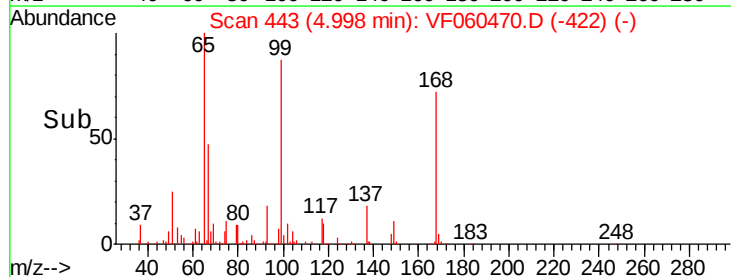
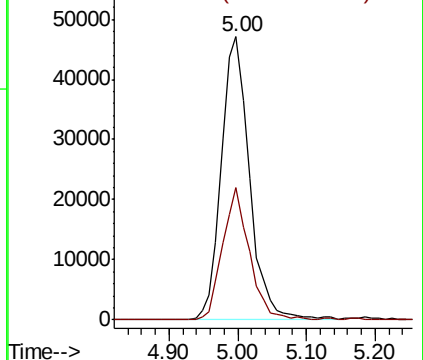
65 100

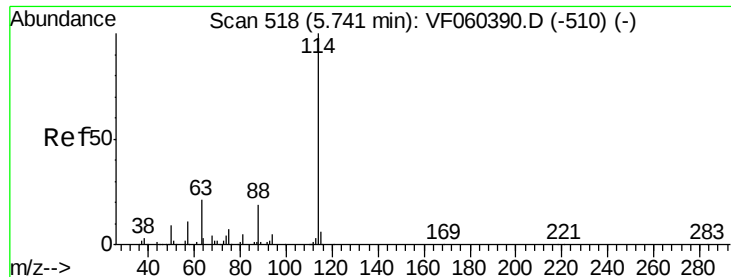
67 46.9 0.0 89.4



Abundance Ion 65.00 (64.70 to 65.70): VF0

Ion 67.00 (66.70 to 67.70): VF0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.74 min Scan# 518

Delta R.T. -0.00 min

Lab File: VF060470.D

Acq: 5 Oct 2018 22:23

Instrument :

MSVOA_F

ClientSampleId :

B-2(13-13.5)

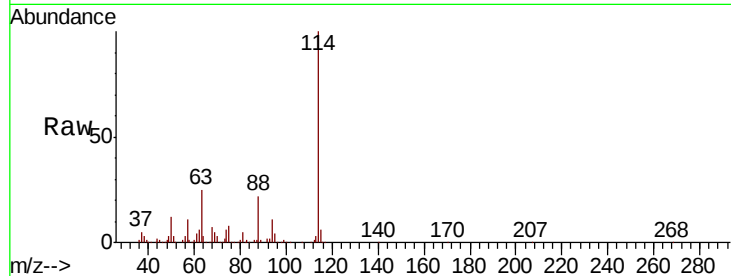
Tot Ion:114 Resp: 305048

Ion Ratio Lower Upper

114 100

63 24.9 0.0 42.2

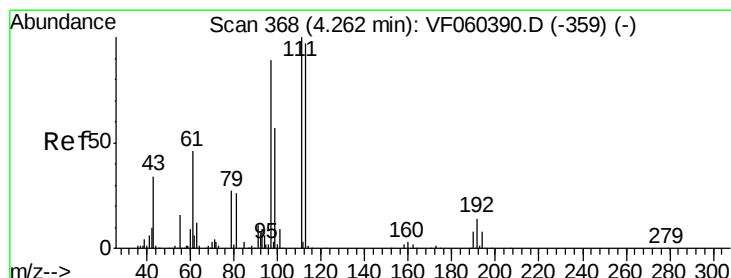
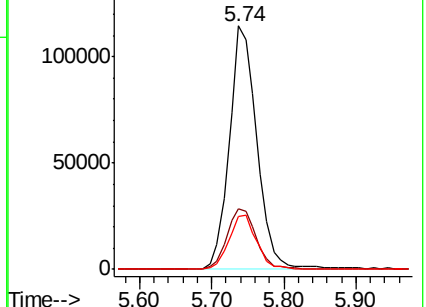
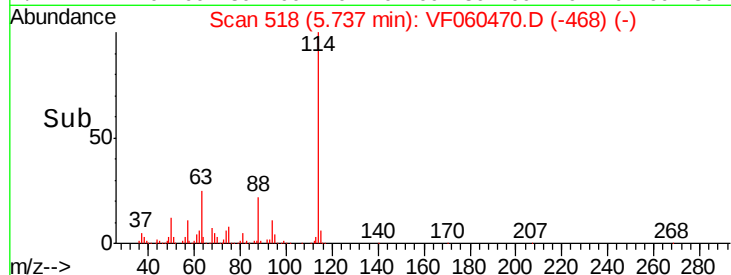
88 21.7 0.0 38.8



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: 44.026 ug/l

RT: 4.27 min Scan# 369

Delta R.T. 0.01 min

Lab File: VF060470.D

Acq: 5 Oct 2018 22:23

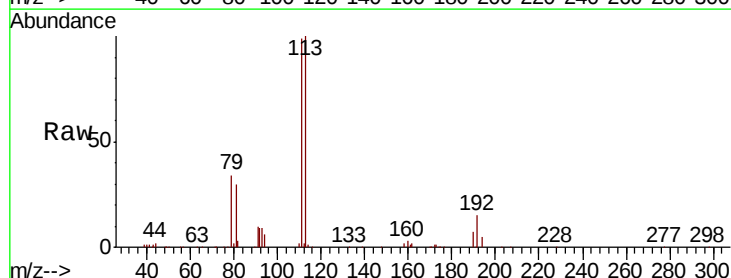
Tgt Ion:113 Resp: 126167

Ion Ratio Lower Upper

113 100

111 99.0 82.3 123.5

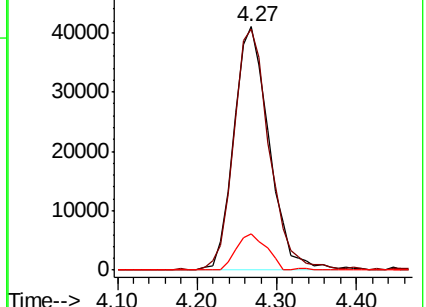
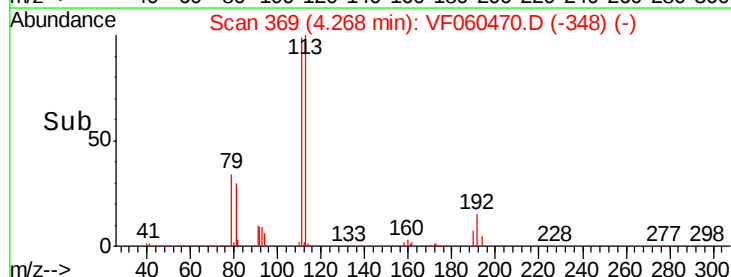
192 14.7 11.8 17.6

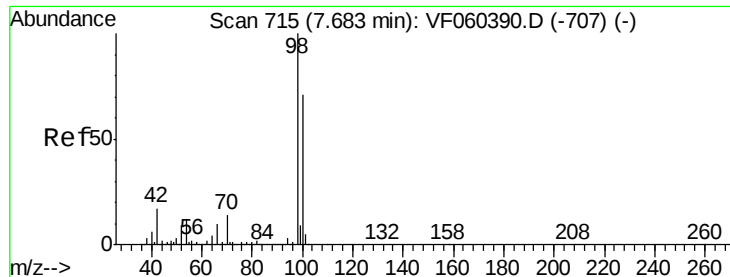


Abundance Ion 113.00 (112.70 to 113.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 192.00 (191.70 to 192.70): V





#50

Toluene-d8

Concen: 30.039 ug/l

RT: 7.69 min Scan# 716

Delta R.T. 0.01 min

Lab File: VF060470.D

Acq: 5 Oct 2018 22:23

Instrument :

MSVOA_F

ClientSampleId :

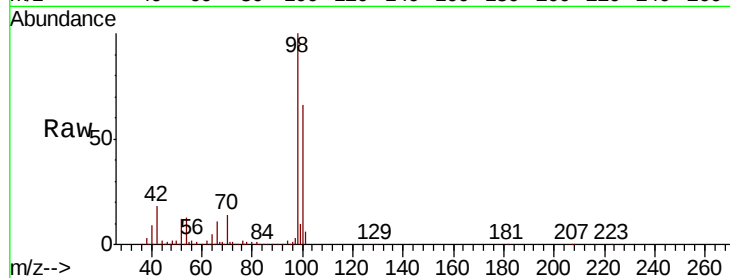
B-2(13-13.5)

Tot Ion: 98 Resp: 212004

Ion Ratio Lower Upper

98 100

100 65.9 56.5 84.7



Abundance Ion 98.00 (97.70 to 98.70): VF0

Ion 100.00 (99.70 to 100.70): VF

7.69

100000

80000

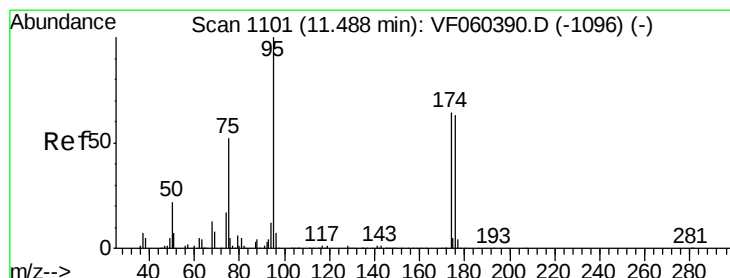
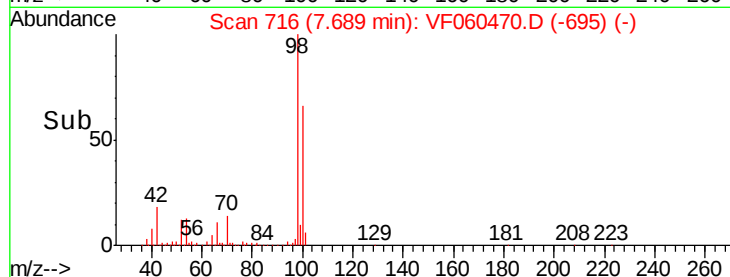
60000

40000

20000

0

Time--> 7.50 7.60 7.70 7.80



#62

4-Bromofluorobenzene

Concen: 33.506 ug/l

RT: 11.49 min Scan# 1102

Delta R.T. 0.01 min

Lab File: VF060470.D

Acq: 5 Oct 2018 22:23

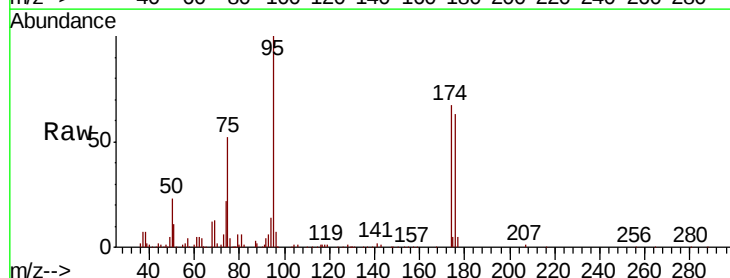
Tgt Ion: 95 Resp: 107975

Ion Ratio Lower Upper

95 100

174 67.4 0.0 129.0

176 62.8 0.0 125.6



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

11.49

80000

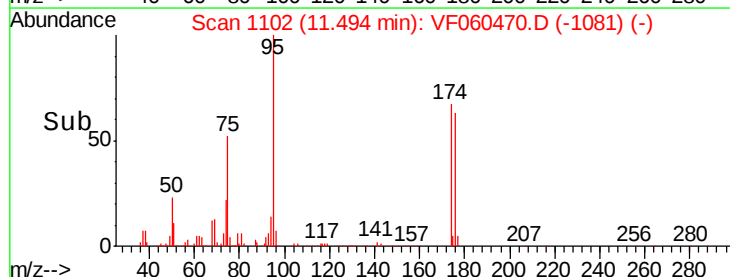
60000

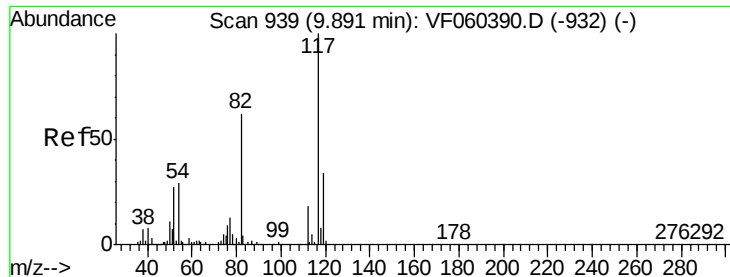
40000

20000

0

Time--> 11.40 11.50 11.60

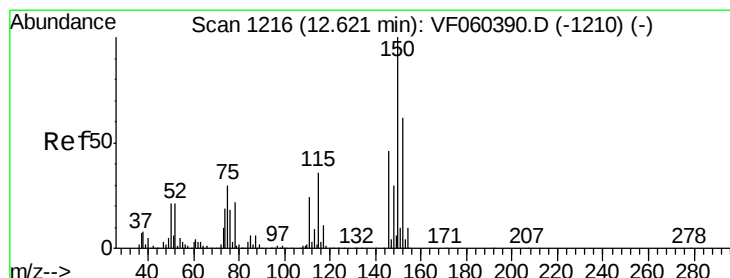
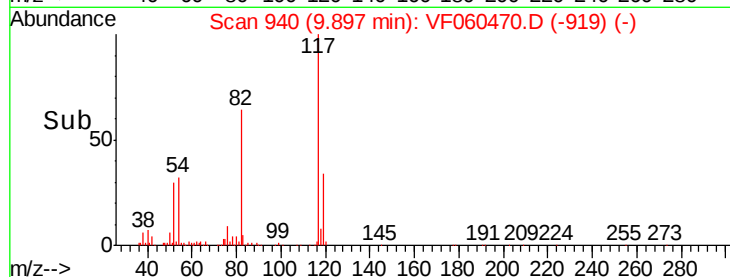
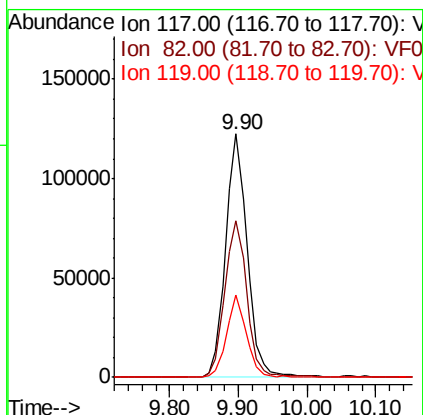
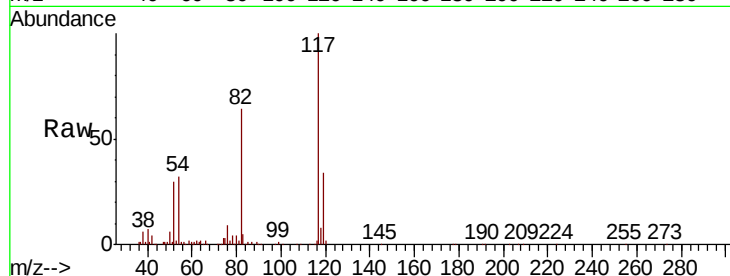




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.90 min Scan# 940
Delta R.T. 0.01 min
Lab File: VF060470.D
Acq: 5 Oct 2018 22:23

Instrument :
MSVOA_F
ClientSampleId :
B-2(13-13.5)

Tot Ion	Ratio	Lower	Upper
117	100		
82	64.2	49.5	74.3
119	33.6	27.0	40.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.62 min Scan# 1216
Delta R.T. -0.00 min
Lab File: VF060470.D
Acq: 5 Oct 2018 22:23

Tgt Ion	Ratio	Lower	Upper
152	100		
115	61.8	28.6	85.8
150	154.7	0.0	324.6

