

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF100418\
 Data File : VF060451.D
 Acq On : 4 Oct 2018 22:18
 Operator : VA/AP
 Sample : J5204-01
 Misc : 6.67/5mL/MSVOA F/SOIL
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 SU-04-100318-A

Quant Time: Oct 05 01:51:15 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	268366	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.75	114	444976	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.91	117	390487	50.00	ug/l	0.02
72) 1,4-Dichlorobenzene-d4	12.63	152	186897	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	5.00	65	162662	38.74	ug/l	0.00
Spiked Amount 50.000			Recovery	=	77.48%	
35) Dibromofluoromethane	4.27	113	167523	40.07	ug/l	0.00
Spiked Amount 50.000			Recovery	=	80.14%	
50) Toluene-d8	7.69	98	319892	31.07	ug/l	0.00
Spiked Amount 50.000			Recovery	=	62.14%	
62) 4-Bromofluorobenzene	11.50	95	146869	31.24	ug/l	0.02
Spiked Amount 50.000			Recovery	=	62.48%	

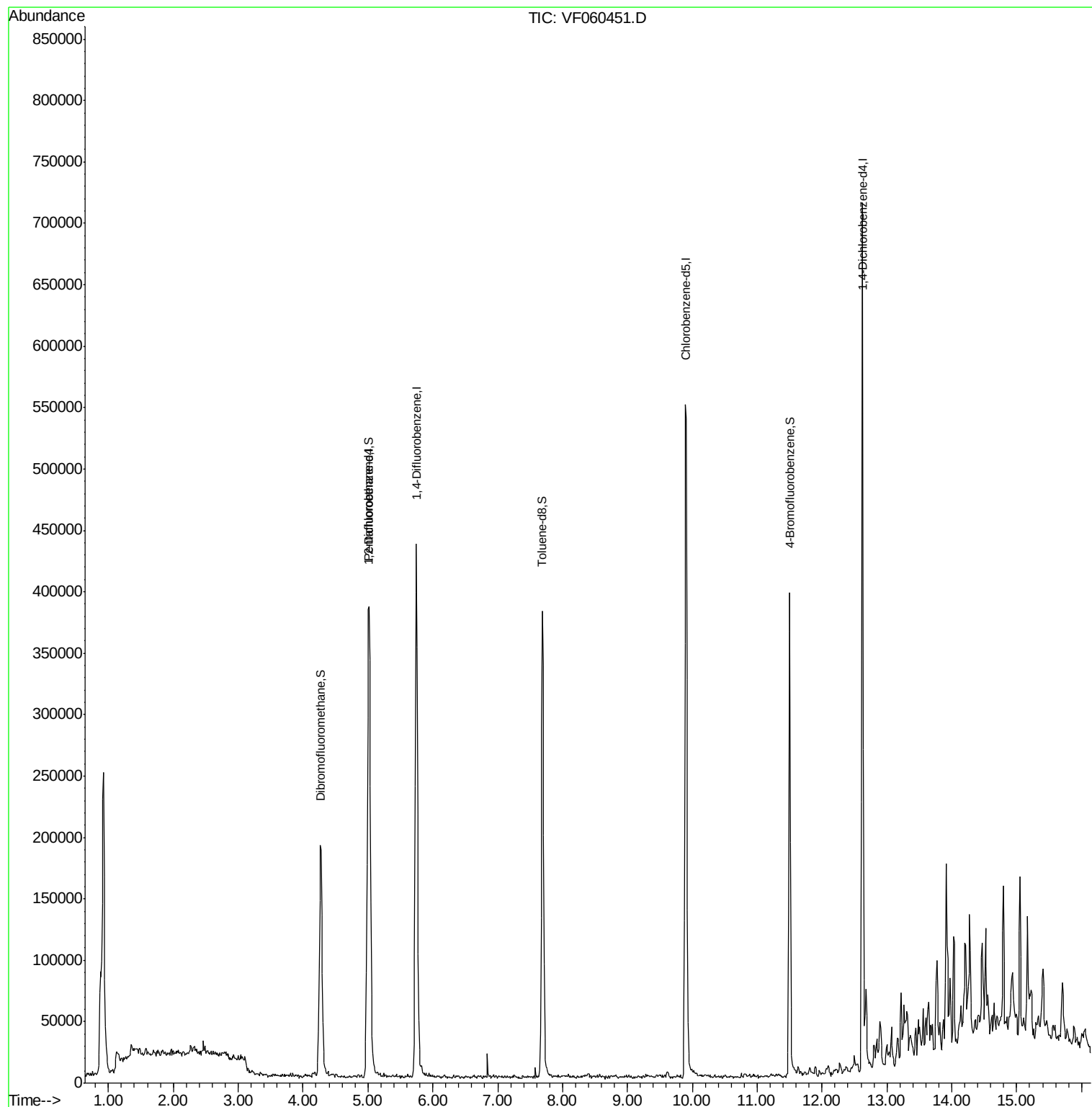
Target Compounds	Qvalue
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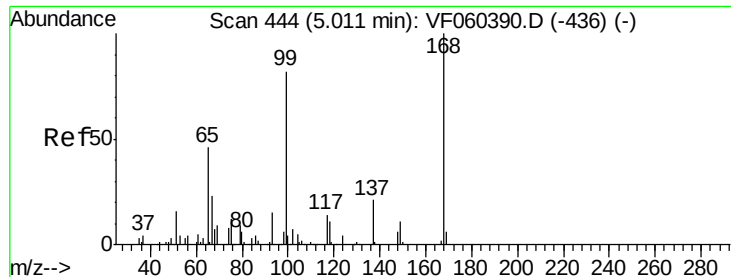
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Tue Oct 02 11:42:56 2018
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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: VF060451.D

Acq: 4 Oct 2018 22:18

Instrument :

MSVOA_F

ClientSampleId :

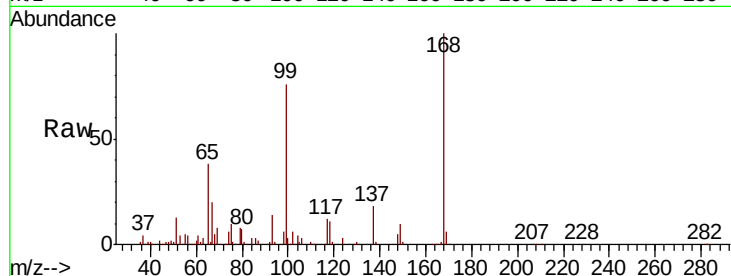
SU-04-100318-A

Tot Ion:168 Resp: 268366

Ion Ratio Lower Upper

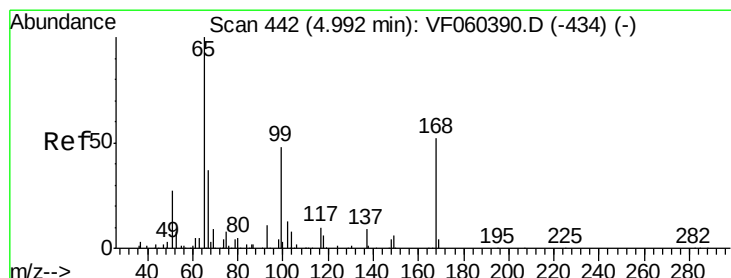
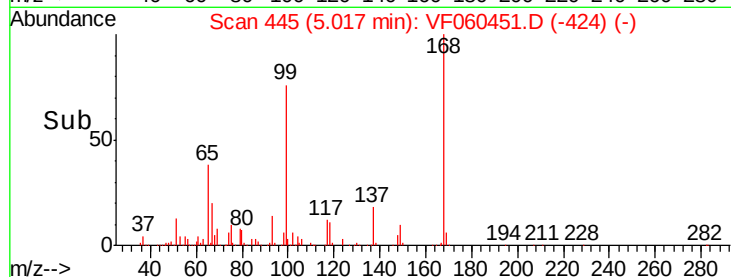
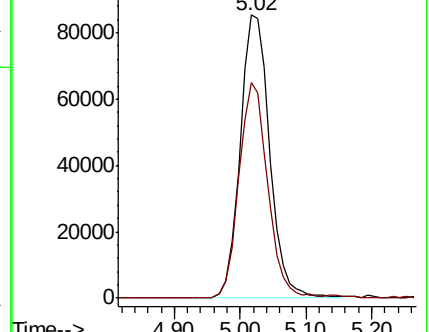
168 100

99 76.0 65.3 97.9



Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0



#33

1,2-Dichloroethane-d4

Concen: 38.735 ug/l

RT: 5.00 min Scan# 443

Delta R.T. 0.01 min

Lab File: VF060451.D

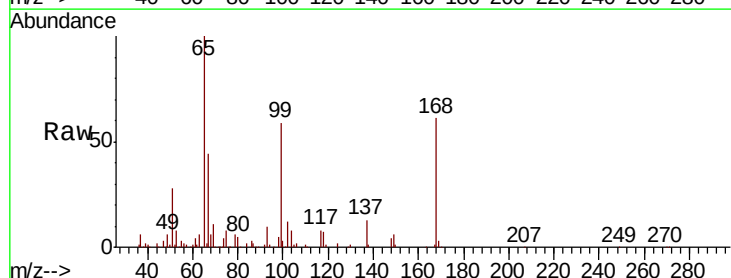
Acq: 4 Oct 2018 22:18

Tgt Ion: 65 Resp: 162662

Ion Ratio Lower Upper

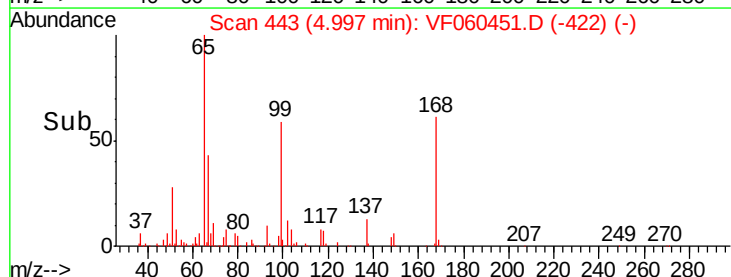
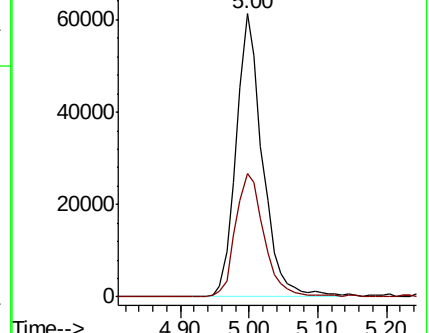
65 100

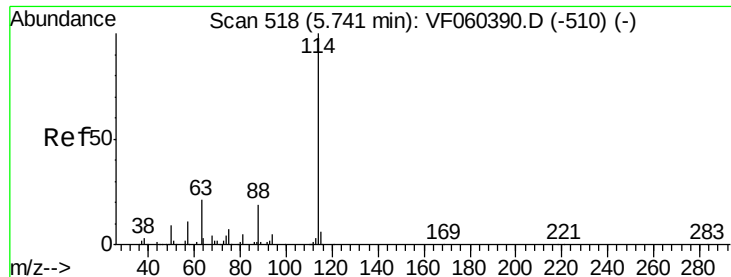
67 43.7 0.0 89.4



Abundance Ion 65.00 (64.70 to 65.70): VF0

Ion 67.00 (66.70 to 67.70): VF0

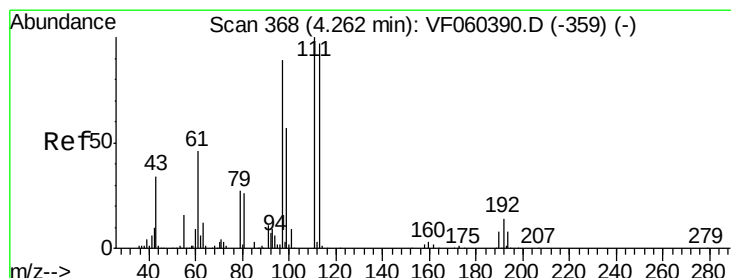
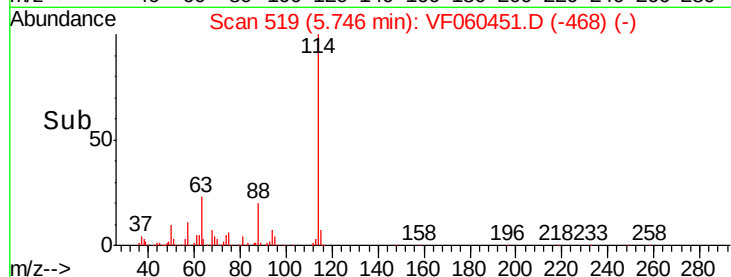
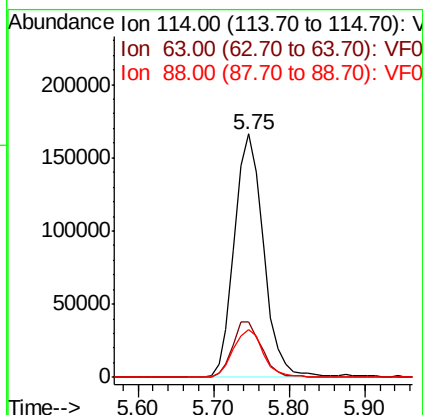
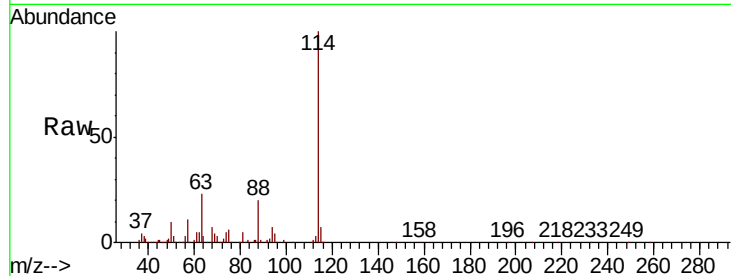




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.75 min Scan# 519
 Delta R.T. 0.01 min
 Lab File: VF060451.D
 Acq: 4 Oct 2018 22:18

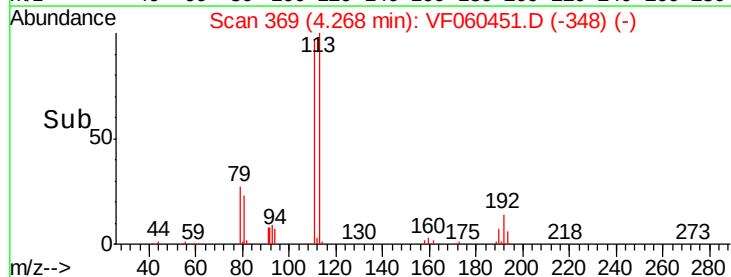
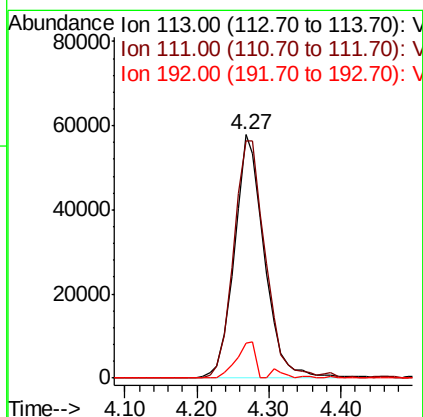
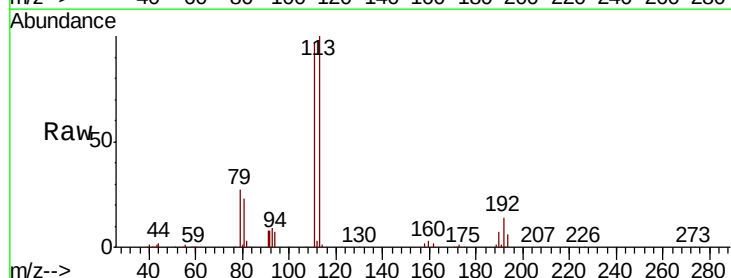
Instrument :
 MSVOA_F
 ClientSampleId :
 SU-04-100318-A

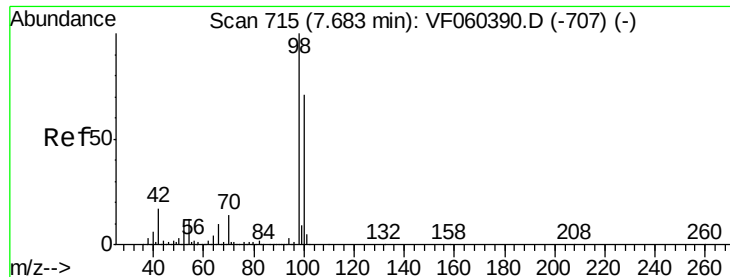
Tot Ion:114 Resp: 444976
 Ion Ratio Lower Upper
 114 100
 63 22.9 0.0 42.2
 88 19.6 0.0 38.8



#35
 Dibromofluoromethane
 Concen: 40.075 ug/l
 RT: 4.27 min Scan# 369
 Delta R.T. 0.01 min
 Lab File: VF060451.D
 Acq: 4 Oct 2018 22:18

Tgt Ion:113 Resp: 167523
 Ion Ratio Lower Upper
 113 100
 111 97.4 82.3 123.5
 192 14.3 11.8 17.6





#50

Toluene-d8

Concen: 31.072 ug/l

RT: 7.69 min Scan# 716

Delta R.T. 0.01 min

Lab File: VF060451.D

Acq: 4 Oct 2018 22:18

Instrument :

MSVOA_F

ClientSampleId :

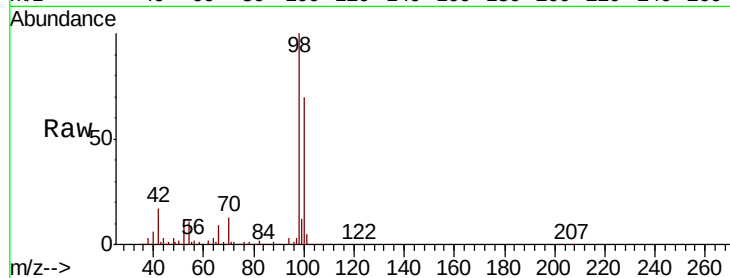
SU-04-100318-A

Tot Ion: 98 Resp: 319892

Ion Ratio Lower Upper

98 100

100 70.2 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

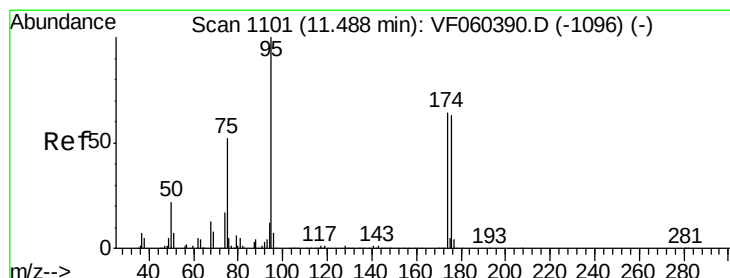
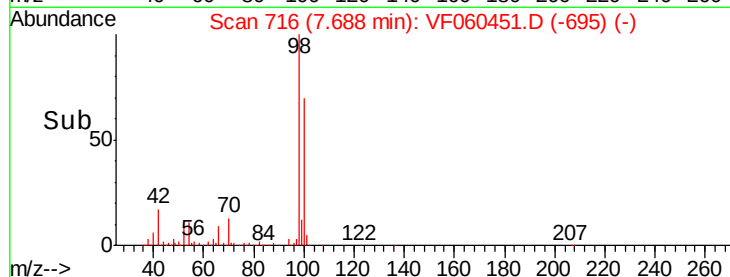
150000

100000

50000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 31.244 ug/l

RT: 11.50 min Scan# 1103

Delta R.T. 0.02 min

Lab File: VF060451.D

Acq: 4 Oct 2018 22:18

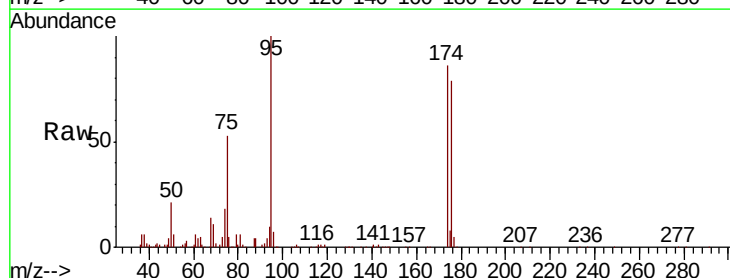
Tgt Ion: 95 Resp: 146869

Ion Ratio Lower Upper

95 100

174 86.2 0.0 129.0

176 79.4 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

11.50

100000

80000

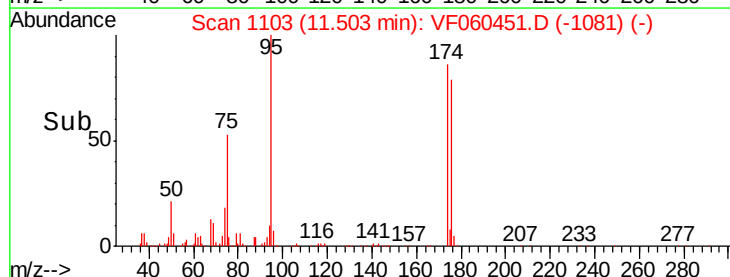
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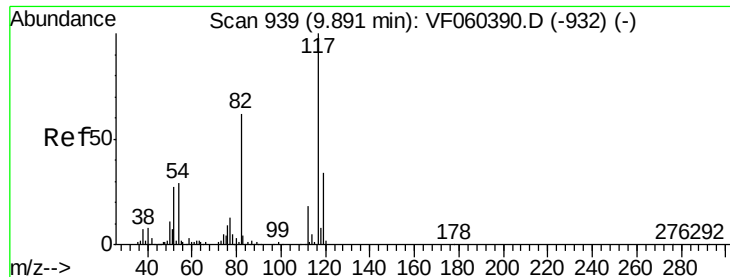
40000

20000

0

Time-->

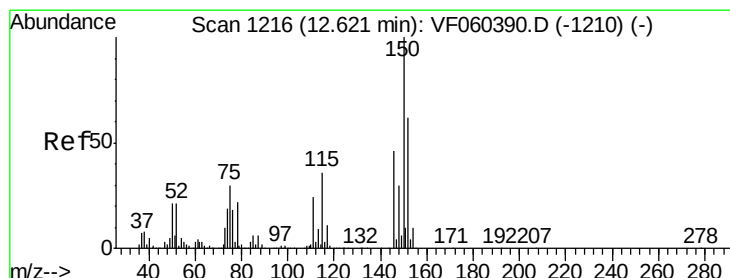
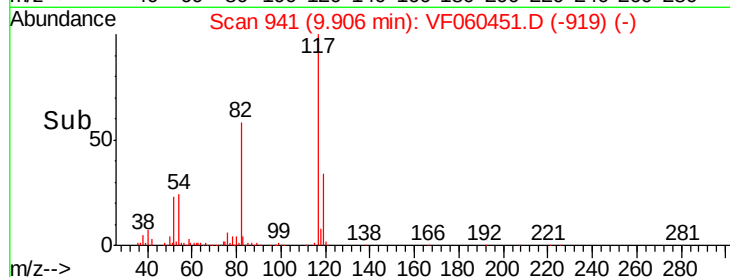
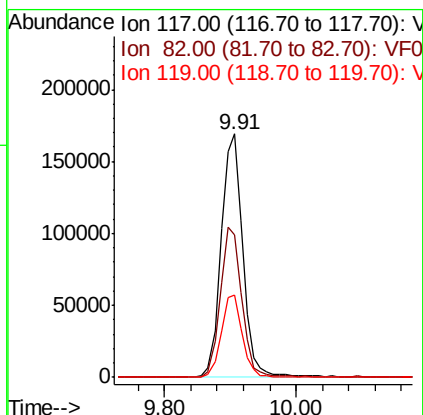
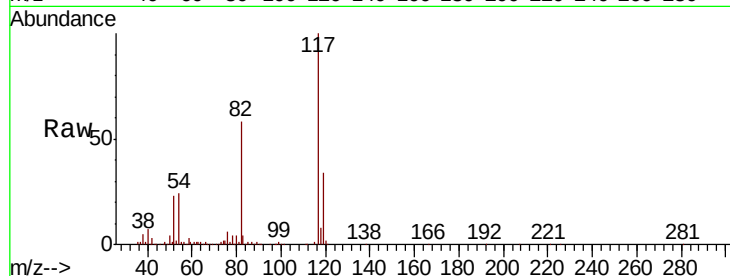




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.91 min Scan# 941
Delta R.T. 0.02 min
Lab File: VF060451.D
Acq: 4 Oct 2018 22:18

Instrument :
MSVOA_F
ClientSampleId :
SU-04-100318-A

Tot Ion	Ratio	Lower	Upper
117	100		
82	58.4	49.5	74.3
119	34.0	27.0	40.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.63 min Scan# 1217
Delta R.T. 0.01 min
Lab File: VF060451.D
Acq: 4 Oct 2018 22:18

Tgt Ion	Ratio	Lower	Upper
152	100		
115	58.0	28.6	85.8
150	156.0	0.0	324.6

