

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF121218\
 Data File : VF061012.D
 Acq On : 12 Dec 2018 23:03
 Operator : VA/AP
 Sample : J6322-08
 Misc : 8.16g/5mL/MSVOA-F/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 SUP-5A-G-3-120718

Manual Integrations
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 12/13/2018 3:42:12 PM

Quant Time: Dec 13 03:03:18 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	223648	50.00	ug/l	-0.05
34) 1,4-Difluorobenzene	5.59	114	380844	50.00	ug/l	-0.05
63) Chlorobenzene-d5	9.77	117	349853	50.00	ug/l	-0.04
72) 1,4-Dichlorobenzene-d4	12.54	152	181969	50.00	ug/l	-0.03
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.84	65	110828	42.07	ug/l	-0.04
Spiked Amount 50.000			Recovery	=	84.14%	
35) Dibromofluoromethane	4.11	113	129606	42.90	ug/l	-0.04
Spiked Amount 50.000			Recovery	=	85.80%	
50) Toluene-d8	7.54	98	323148	36.31	ug/l	-0.05
Spiked Amount 50.000			Recovery	=	72.62%	
62) 4-Bromofluorobenzene	11.41	95	153624	37.98	ug/l	-0.03
Spiked Amount 50.000			Recovery	=	75.96%	
Target Compounds						
20) Methylene Chloride	2.18	84	36844m	20.672	ug/l	
52) Toluene	7.62	92	17045	2.600	ug/l	93

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

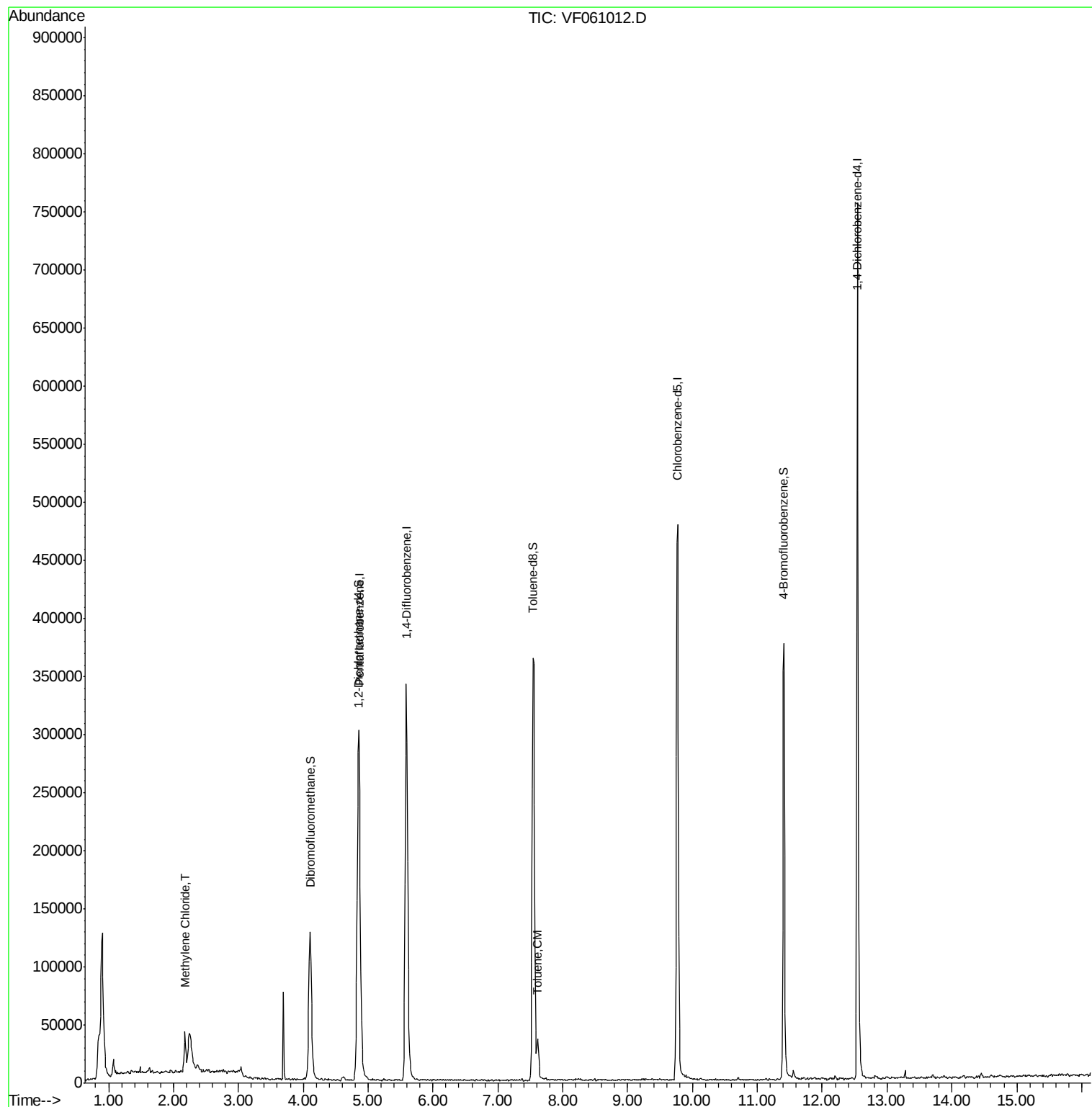
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF121218\
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Quant Time: Dec 13 03:03:18 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_F\METHODS\82F112618S.M
Quant Title : SW846 8260
QLast Update : Tue Nov 27 01:36:26 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.86 min Scan# 429

Delta R.T. -0.05 min

Lab File: VF061012.D

Acq: 12 Dec 2018 23:03

Instrument :

MSVOA_F

ClientSampleId :

SUP-5A-G-3-120718

Tot Ion:168 Resp: 223648

Ion Ratio Lower Upper

168 100

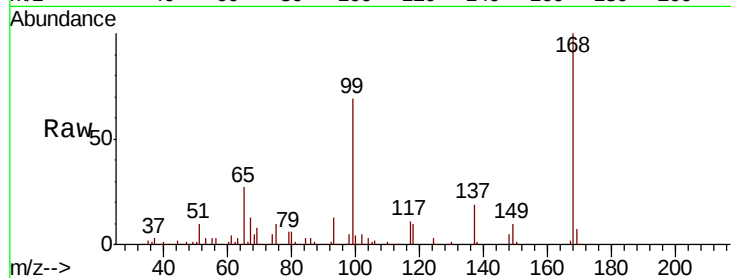
99 69.3 52.6 79.0

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Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

4.86

80000

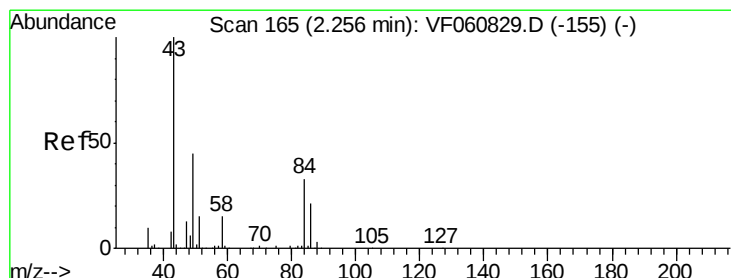
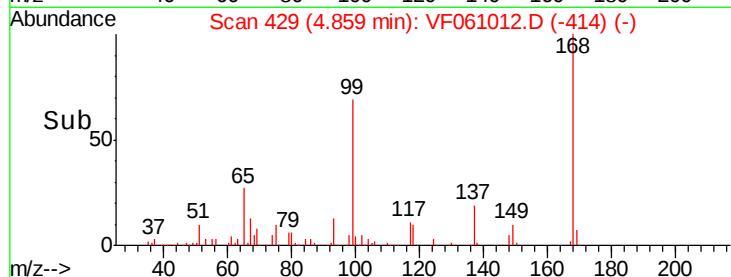
60000

40000

20000

0

Time-->



#20

Methylene Chloride

Concen: 20.672 ug/l m

RT: 2.18 min Scan# 157

Delta R.T. -0.08 min

Lab File: VF061012.D

Acq: 12 Dec 2018 23:03

Tgt Ion: 84 Resp: 36844

Ion Ratio Lower Upper

84 100

49 136.9 111.3 166.9

51 44.2 38.0 57.0

86 56.3 49.8 74.8

Abundance Ion 84.00 (83.70 to 84.70): VF0

Ion 49.00 (48.70 to 49.70): VF0

Ion 51.00 (50.70 to 51.70): VF0

Ion 86.00 (85.70 to 86.70): VF0

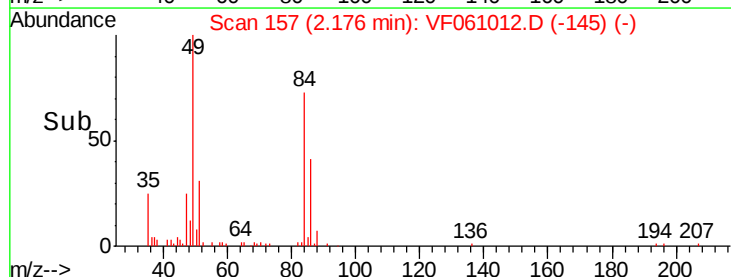
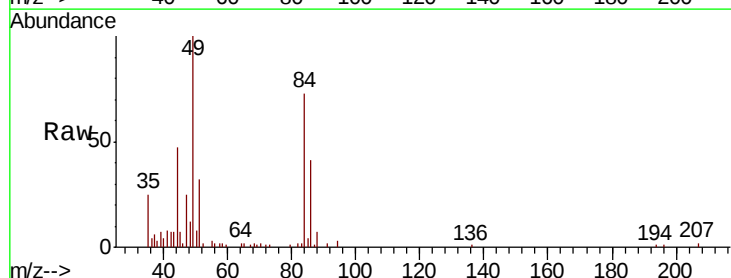
15000

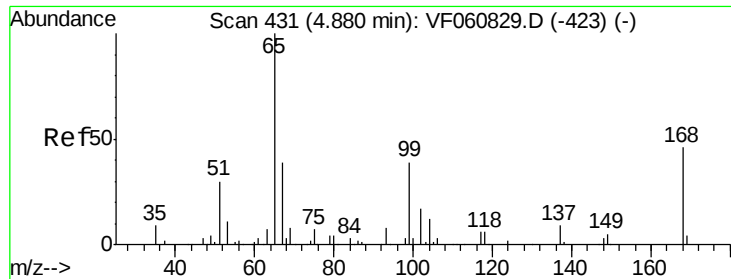
10000

5000

0

Time-->





#33

1,2-Dichloroethane-d4

Concen: 42.066 ug/l

RT: 4.84 min Scan# 427

Delta R.T. -0.04 min

Lab File: VF061012.D

Acq: 12 Dec 2018 23:03

Instrument :

MSVOA_F

ClientSampleId :

SUP-5A-G-3-120718

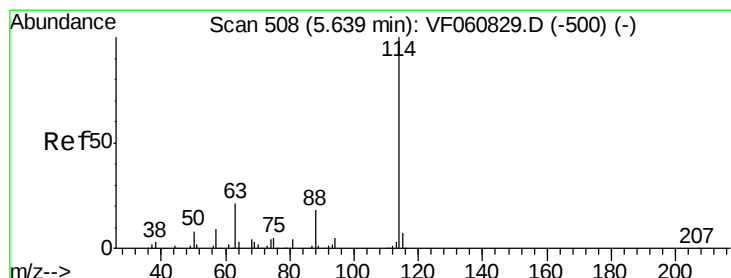
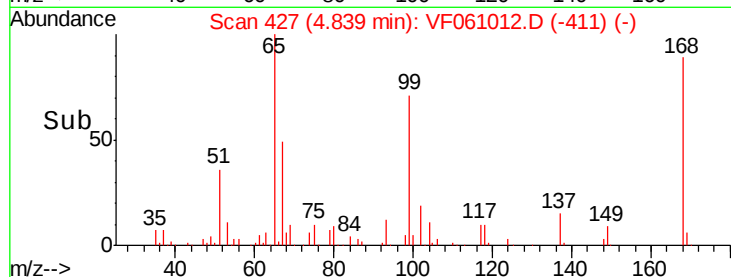
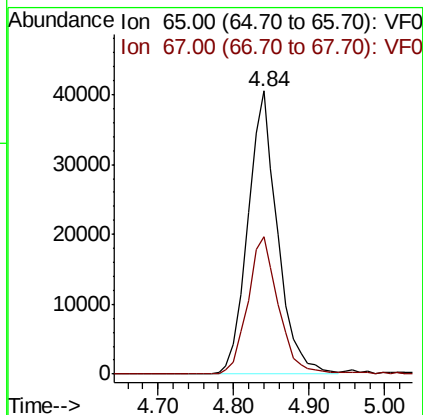
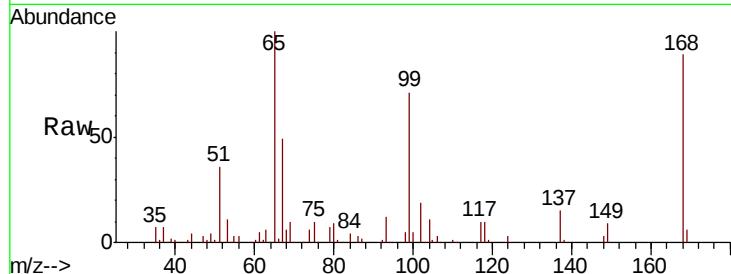
Tot Ion: 65 Resp: 110828
Ion Ratio Lower Upper

65 100

67 48.6 0.0 96.4

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.59 min Scan# 503

Delta R.T. -0.05 min

Lab File: VF061012.D

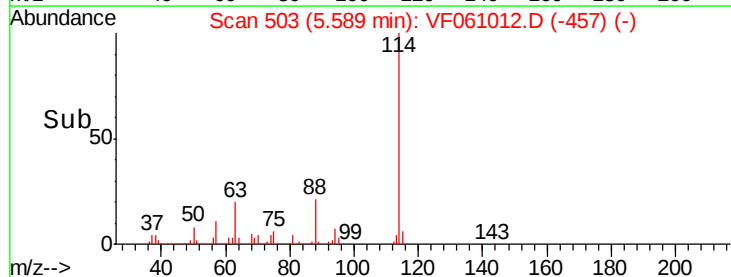
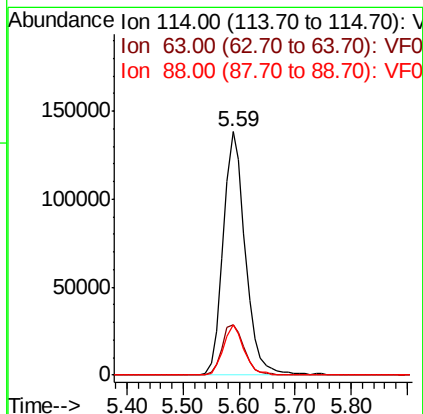
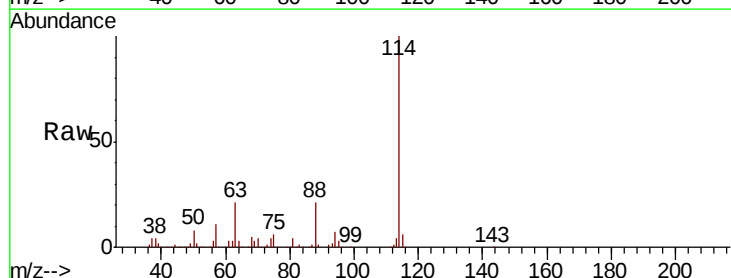
Acq: 12 Dec 2018 23:03

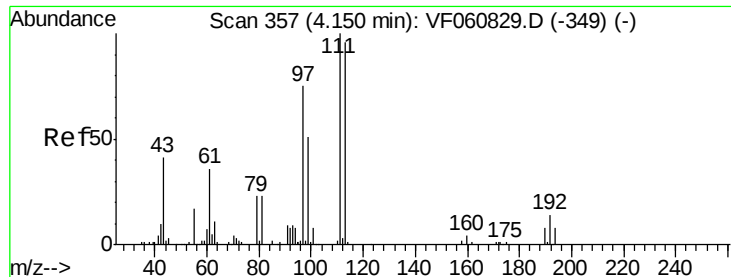
Tgt Ion: 114 Resp: 380844
Ion Ratio Lower Upper

114 100

63 20.5 0.0 41.6

88 20.6 0.0 36.6





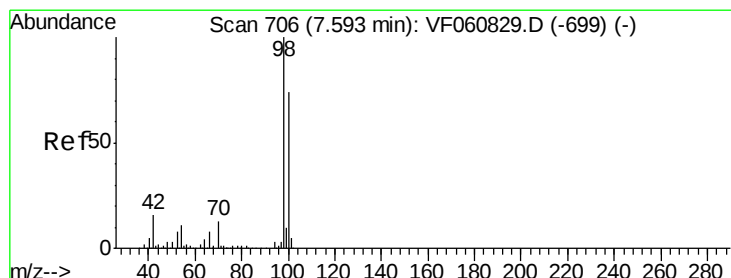
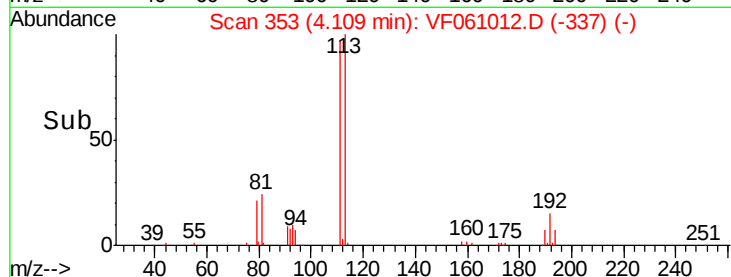
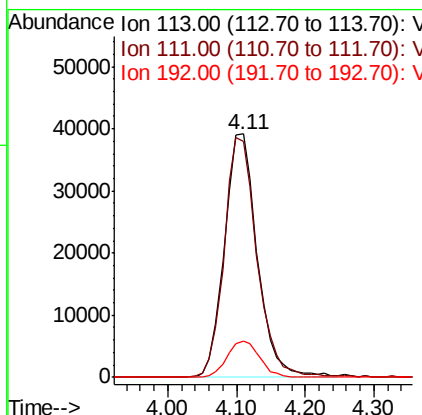
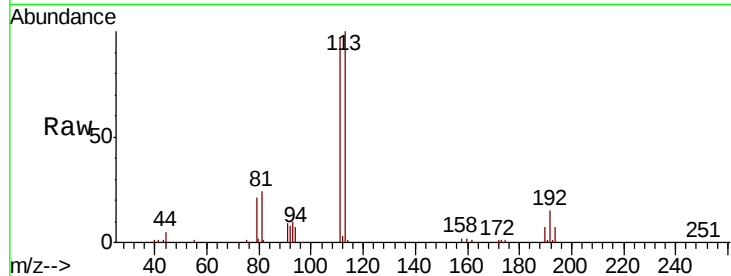
#35
Dibromofluoromethane
Concen: 42.897 ug/l
RT: 4.11 min Scan# 353
Delta R.T. -0.04 min
Lab File: VF061012.D
Acq: 12 Dec 2018 23:03

Instrument :
MSVOA_F
ClientSampleId :
SUP-5A-G-3-120718

Tot Ion	Ratio	Resp	Lower	Upper
113	100	129606		
111	96.8	83.0	124.6	
192	15.1	12.3	18.5	

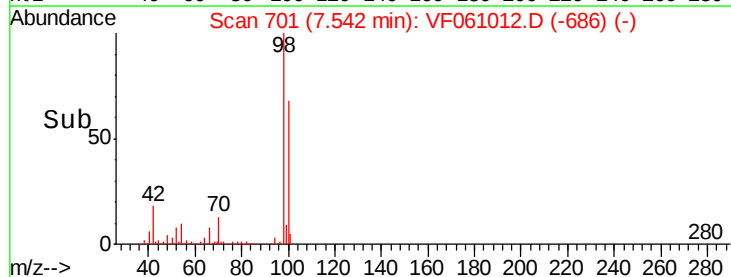
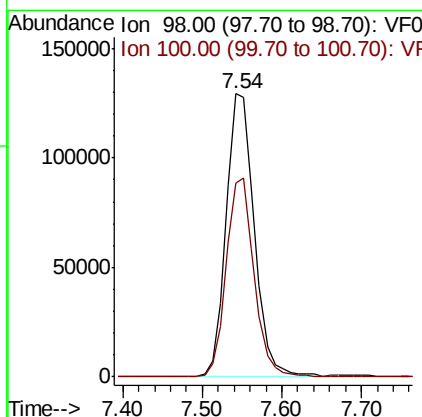
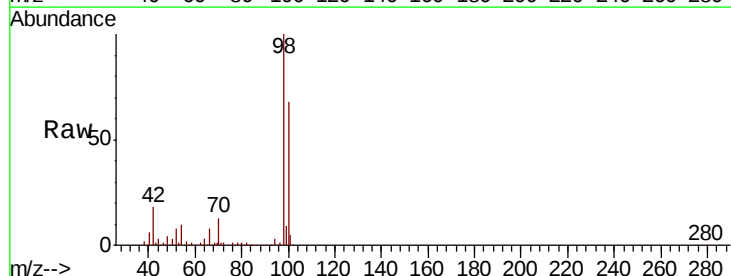
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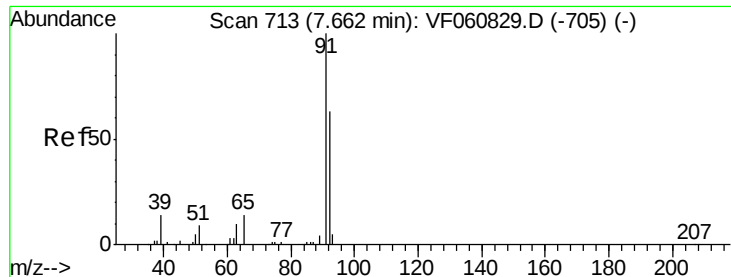
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#50
Toluene-d8
Concen: 36.309 ug/l
RT: 7.54 min Scan# 701
Delta R.T. -0.05 min
Lab File: VF061012.D
Acq: 12 Dec 2018 23:03

Tgt Ion	Ratio	Resp	Lower	Upper
98	100	323148		
100	68.4	59.3	88.9	





#52

Toluene

Concen: 2.600 ug/l

RT: 7.62 min Scan# 709

Delta R.T. -0.04 min

Lab File: VF061012.D

Acq: 12 Dec 2018 23:03

Instrument :

MSVOA_F

ClientSampleId :

SUP-5A-G-3-120718

Tot Ion: 92 Resp: 17045

Ion Ratio Lower Upper

92 100

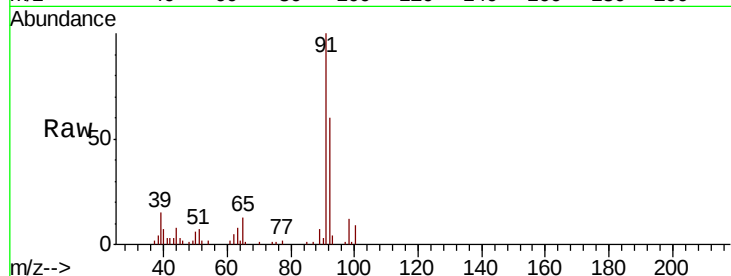
91 166.6 126.2 189.2

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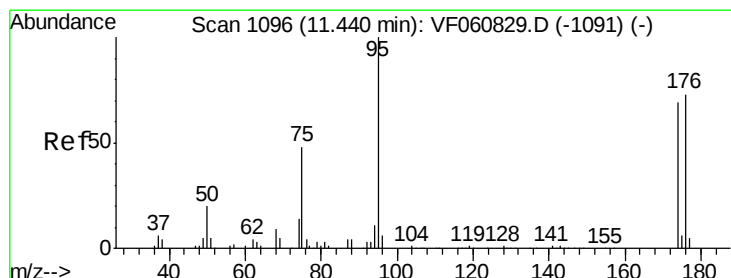
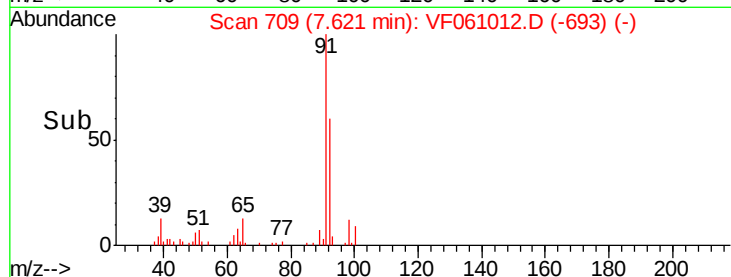
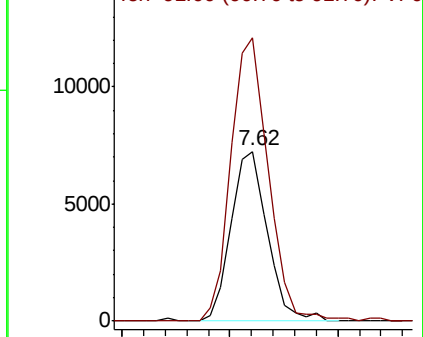
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Abundance Ion 92.00 (91.70 to 92.70): VF0

Ion 91.00 (90.70 to 91.70): VF0



#62

4-Bromofluorobenzene

Concen: 37.980 ug/l

RT: 11.41 min Scan# 1093

Delta R.T. -0.03 min

Lab File: VF061012.D

Acq: 12 Dec 2018 23:03

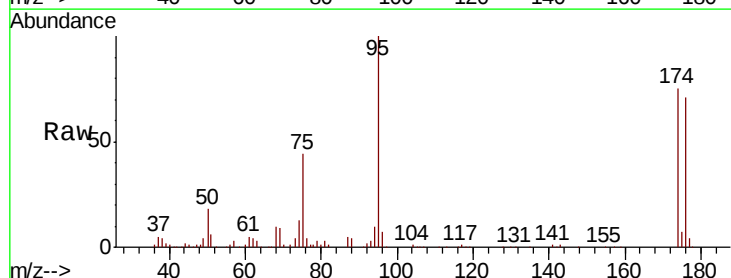
Tgt Ion: 95 Resp: 153624

Ion Ratio Lower Upper

95 100

174 74.9 0.0 138.2

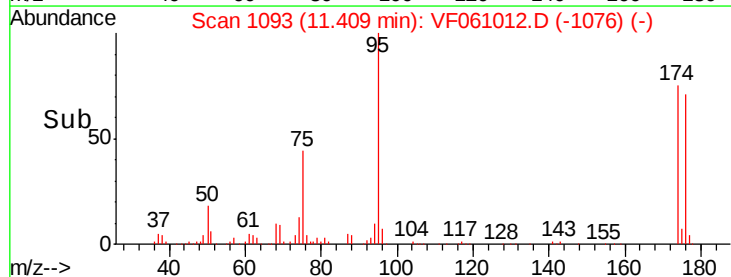
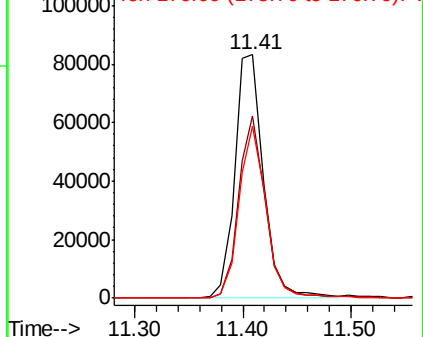
176 70.7 0.0 146.2

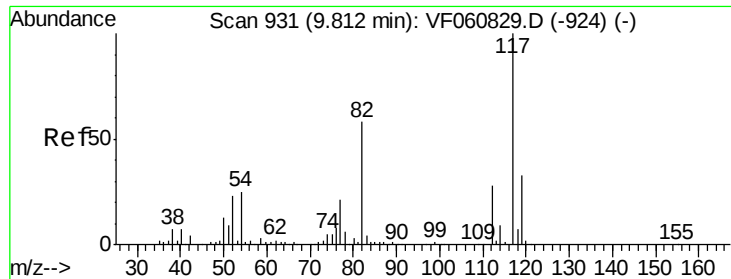


Abundance Ion 95.00 (94.70 to 95.70): VF0

Ion 174.00 (173.70 to 174.70): V

Ion 176.00 (175.70 to 176.70): V





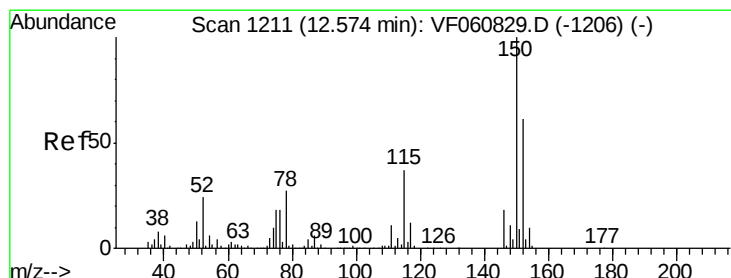
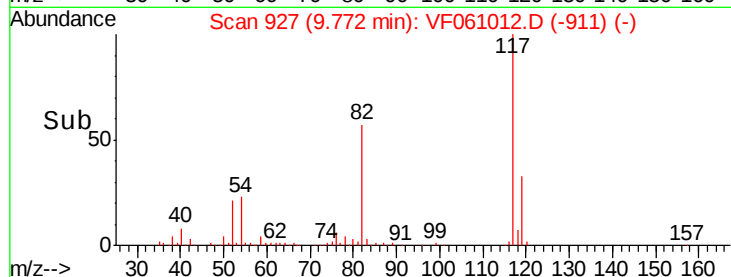
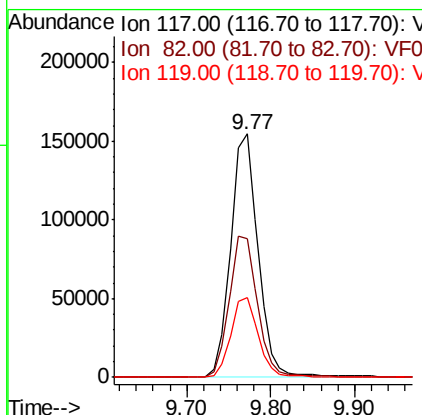
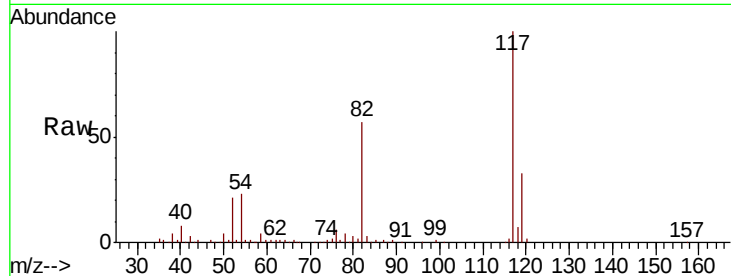
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.77 min Scan# 927
Delta R.T. -0.04 min
Lab File: VF061012.D
Acq: 12 Dec 2018 23:03

Instrument :
MSVOA_F
ClientSampleId :
SUP-5A-G-3-120718

Tot Ion	Ratio	Resp	Lower	Upper
117	100	349853		
82	56.8	46.6	69.8	
119	32.7	26.4	39.6	

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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.54 min Scan# 1208
Delta R.T. -0.03 min
Lab File: VF061012.D
Acq: 12 Dec 2018 23:03

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	181969		
115	61.1	30.1	90.5	
150	152.0	0.0	327.6	

