

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF121418\
 Data File : VF061030.D
 Acq On : 14 Dec 2018 20:03
 Operator : VA/AP
 Sample : J6403-49RE
 Misc : 5.89g/5mL/MSVOA-F/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 TP-7-ARE

Manual Integrations
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Quant Time: Dec 15 01:17:51 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	4.87	168	193194	50.00	ug/l	-0.04
34) 1,4-Difluorobenzene	5.59	114	334186	50.00	ug/l	-0.05
63) Chlorobenzene-d5	9.77	117	288687	50.00	ug/l	-0.04
72) 1,4-Dichlorobenzene-d4	12.54	152	129427	50.00	ug/l	-0.03
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.84	65	107122	47.07	ug/l	-0.04
Spiked Amount 50.000			Recovery	=	94.14%	
35) Dibromofluoromethane	4.11	113	119796	45.19	ug/l	-0.04
Spiked Amount 50.000			Recovery	=	90.38%	
50) Toluene-d8	7.55	98	311066	39.83	ug/l	-0.04
Spiked Amount 50.000			Recovery	=	79.66%	
62) 4-Bromofluorobenzene	11.41	95	129219	36.41	ug/l	-0.03
Spiked Amount 50.000			Recovery	=	72.82%	
Target Compounds						
16) Acetone	2.23	43	21156	50.409	ug/l	96
20) Methylene Chloride	2.23	84	8074m	5.244	ug/l	

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

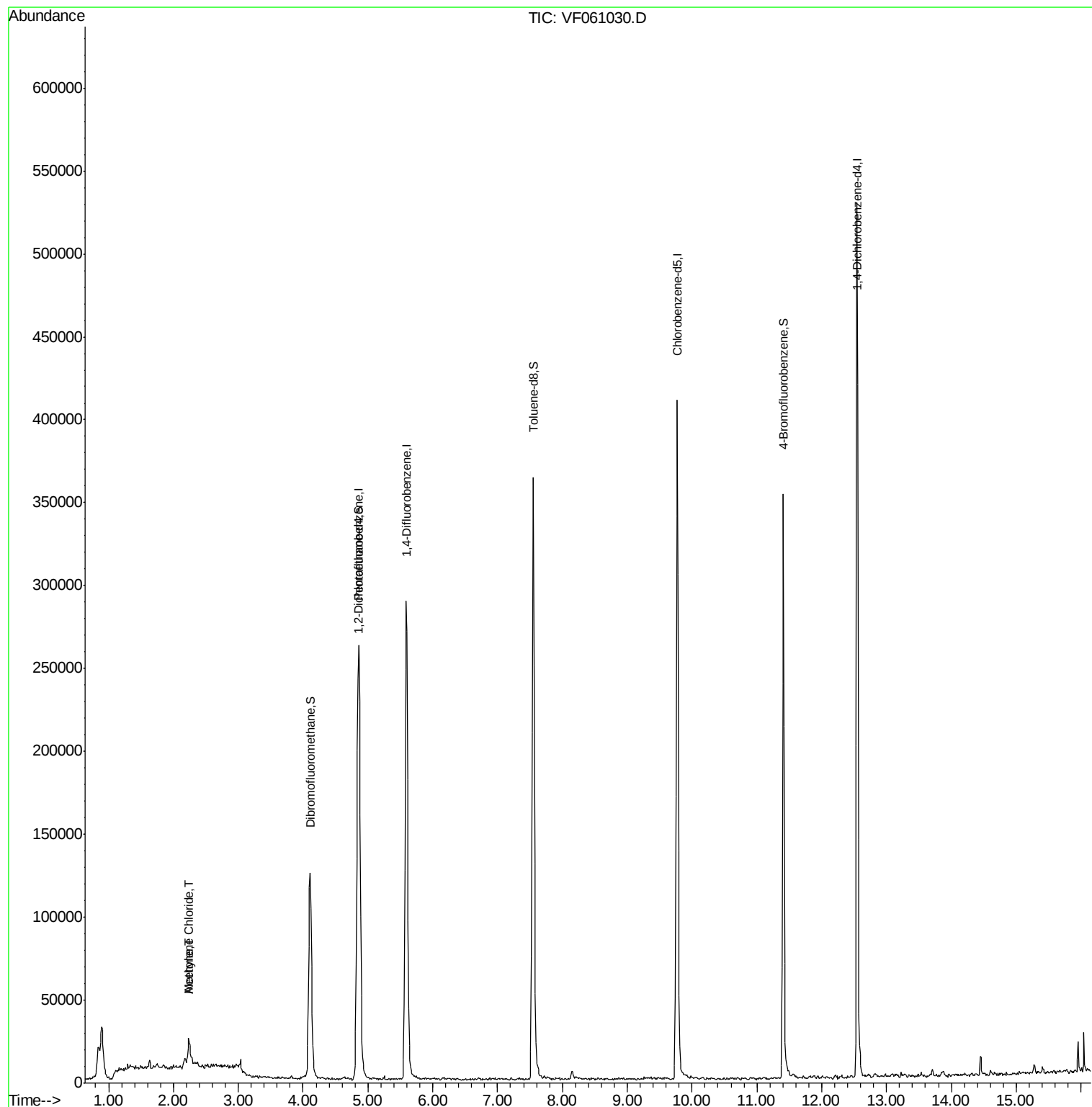
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_F\DATA\VF121418\
Data File : VF061030.D
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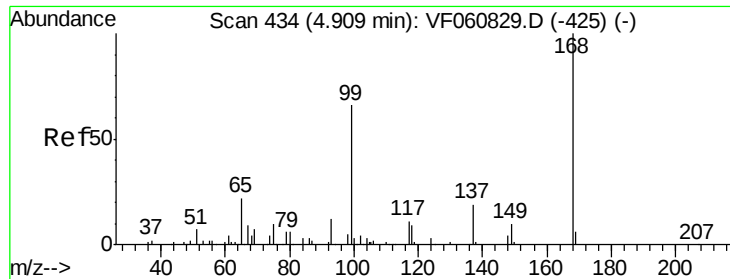
Instrument :
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Quant Time: Dec 15 01:17:51 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_F\METHODS\82F112618S.M
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.87 min Scan# 430

Delta R.T. -0.04 min

Lab File: VF061030.D

Acq: 14 Dec 2018 20:03

Instrument :

MSVOA_F

ClientSampleId :

TP-7-ARE

Tgt Ion: 168 Resp: 193194

Ion Ratio Lower Upper

168 100

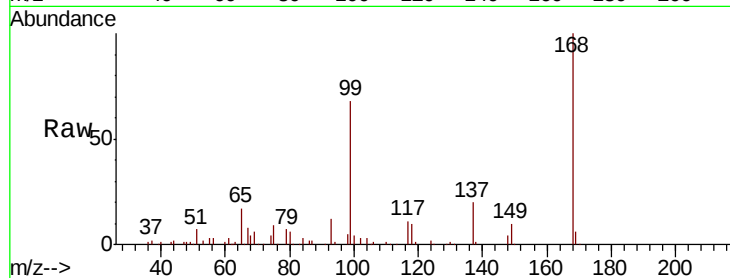
99 68.1 52.6 79.0

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Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

4.87

60000

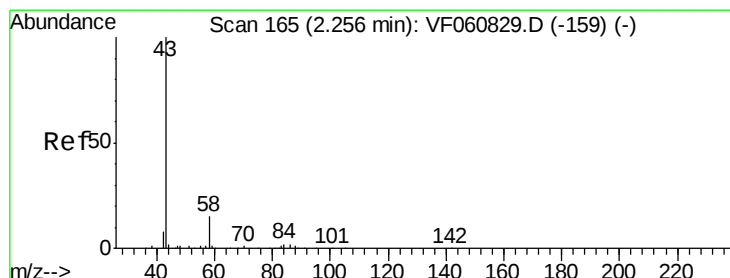
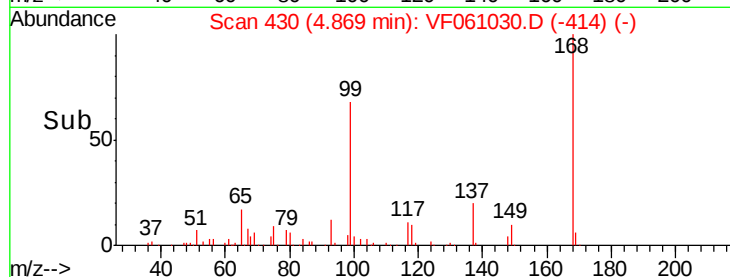
40000

20000

0

Time-->

4.70 4.80 4.90 5.00 5.10



#16

Acetone

Concen: 50.409 ug/l

RT: 2.23 min Scan# 163

Delta R.T. -0.02 min

Lab File: VF061030.D

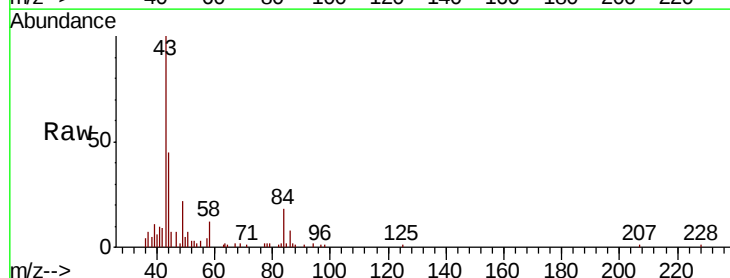
Acq: 14 Dec 2018 20:03

Tgt Ion: 43 Resp: 21156

Ion Ratio Lower Upper

43 100

58 12.5 11.4 17.2



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 58.00 (57.70 to 58.70): VF0

2.23

8000

6000

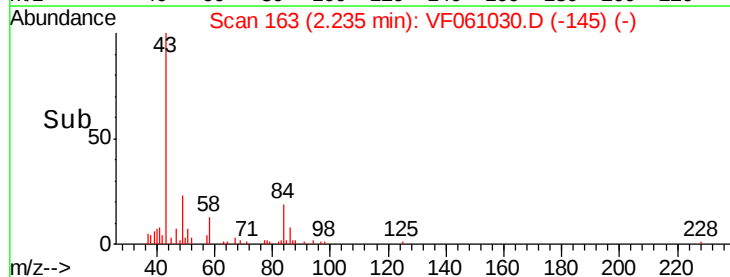
4000

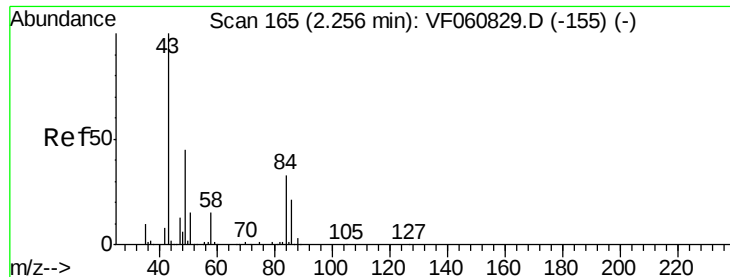
2000

0

Time-->

2.15 2.20 2.25 2.30 2.35





#20

Methylene Chloride

Concen: 5.244 ug/l m

RT: 2.23 min Scan# 163

Delta R.T. -0.02 min

Lab File: VF061030.D

Acq: 14 Dec 2018 20:03

Instrument :

MSVOA_F

ClientSampleId :

TP-7-ARE

Tgt Ion: 84 Resp: 8074

Ion Ratio Lower Upper

84 100

49 122.4 111.3 166.9

51 37.4 38.0 57.0#

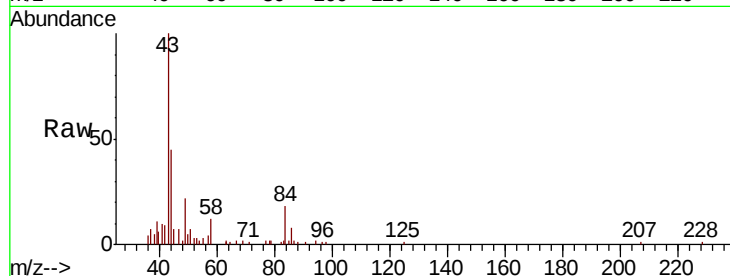
86 43.9 49.8 74.8#

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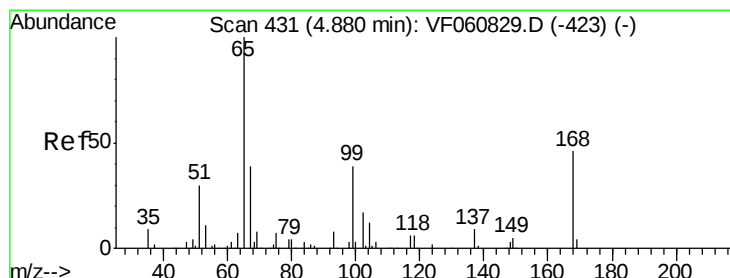
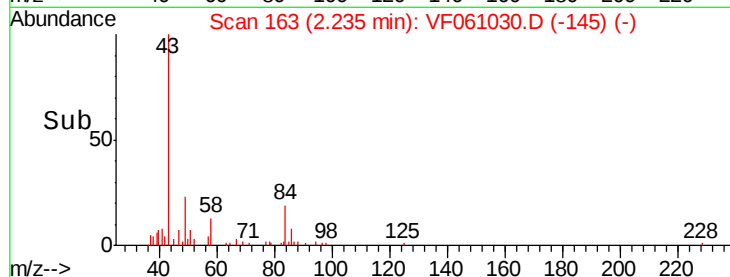
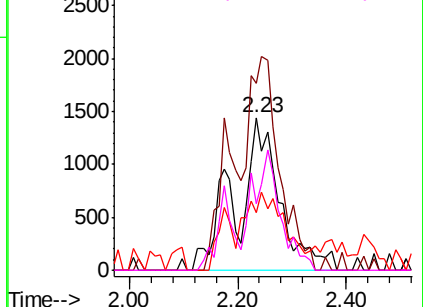
Abundance

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



#33

1,2-Dichloroethane-d4

Concen: 47.068 ug/l

RT: 4.84 min Scan# 427

Delta R.T. -0.04 min

Lab File: VF061030.D

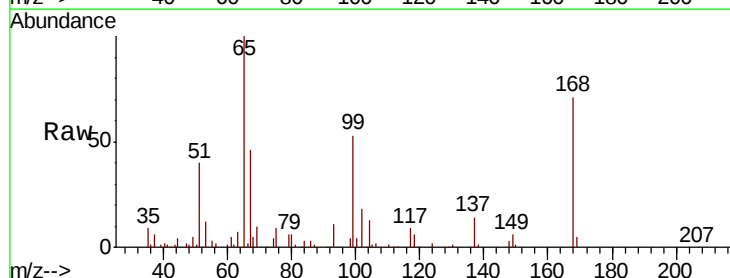
Acq: 14 Dec 2018 20:03

Tgt Ion: 65 Resp: 107122

Ion Ratio Lower Upper

65 100

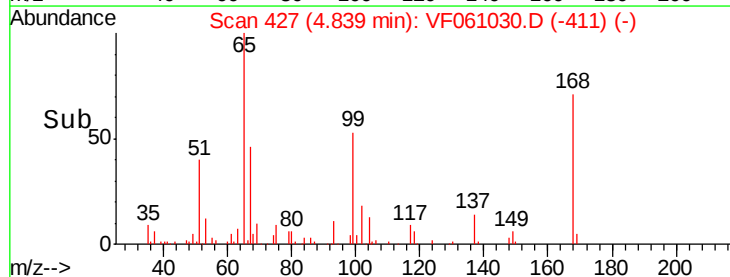
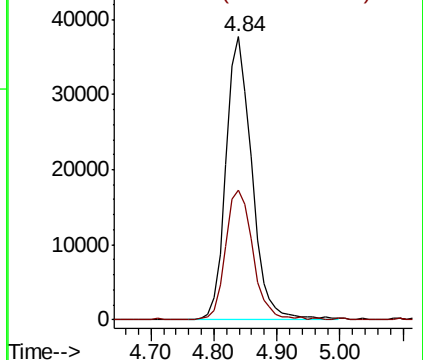
67 45.9 0.0 96.4

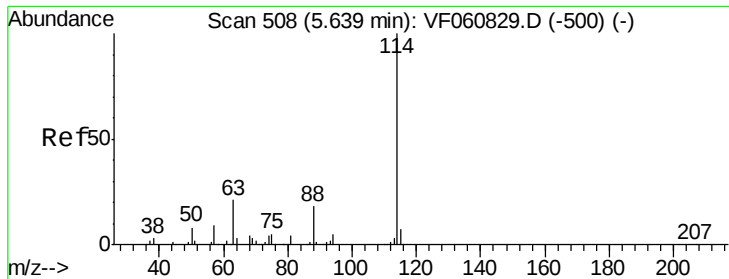


Abundance

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: 5.59 min Scan# 503

Delta R.T. -0.05 min

Lab File: VF061030.D

Acq: 14 Dec 2018 20:03

Instrument :

MSVOA_F

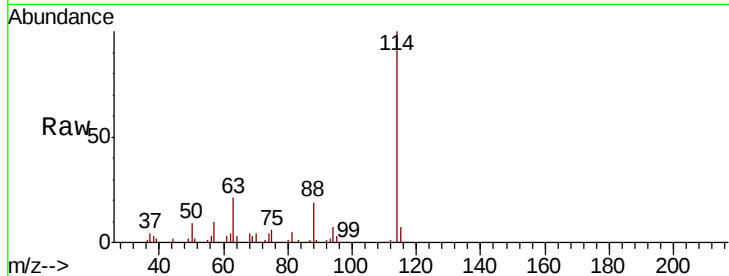
ClientSampleId :

TP-7-ARE

Tgt Ion:	114	Resp:	334186
Ion Ratio	Lower	Upper	
114	100		
63	21.3	0.0	41.6
88	19.3	0.0	36.6

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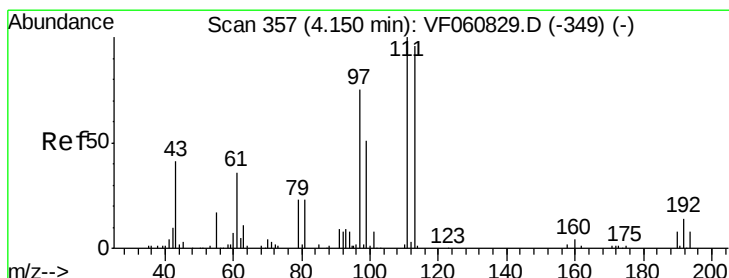
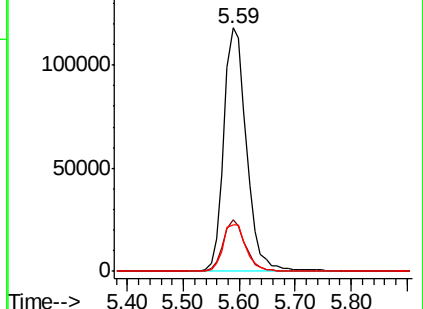
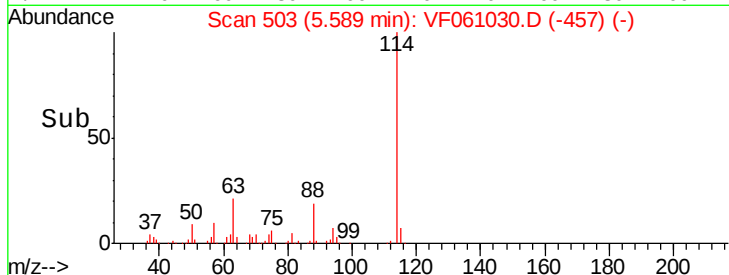
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Abundance Ion 114.00 (113.70 to 114.70): V

Ion 63.00 (62.70 to 63.70): VF0

Ion 88.00 (87.70 to 88.70): VF0



#35

Dibromofluoromethane

Concen: 45.186 ug/l

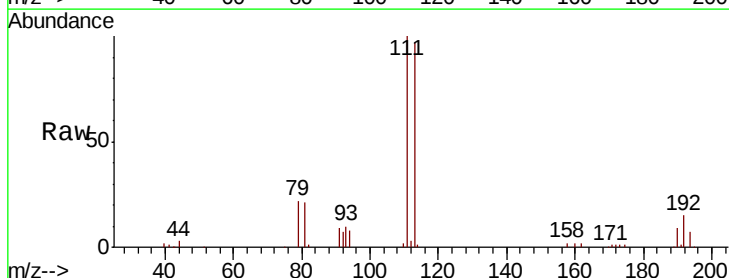
RT: 4.11 min Scan# 353

Delta R.T. -0.04 min

Lab File: VF061030.D

Acq: 14 Dec 2018 20:03

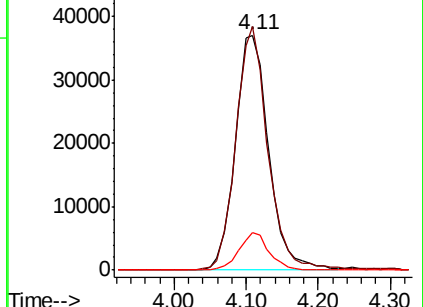
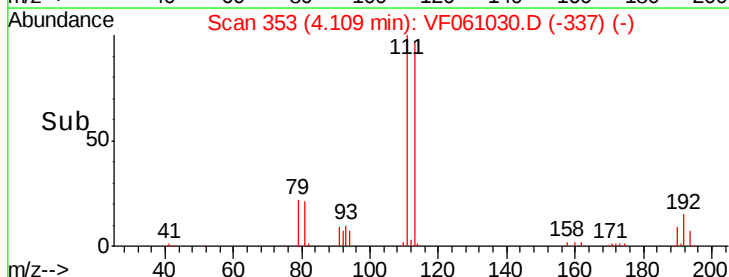
Tgt Ion:	113	Resp:	119796
Ion Ratio	Lower	Upper	
113	100		
111	103.6	83.0	124.6
192	16.0	12.3	18.5

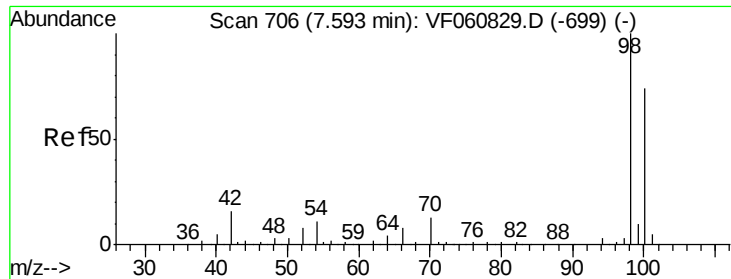


Abundance Ion 113.00 (112.70 to 113.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 192.00 (191.70 to 192.70): V





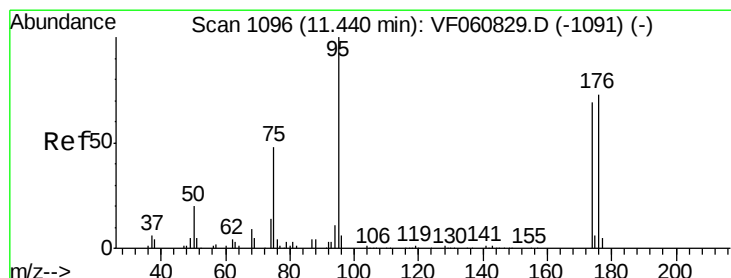
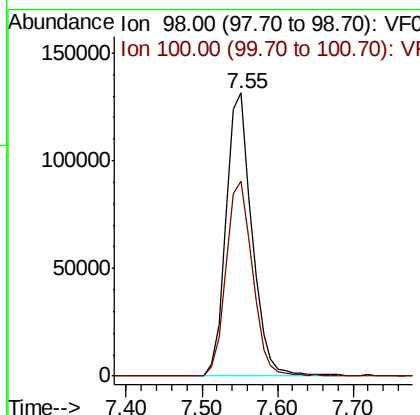
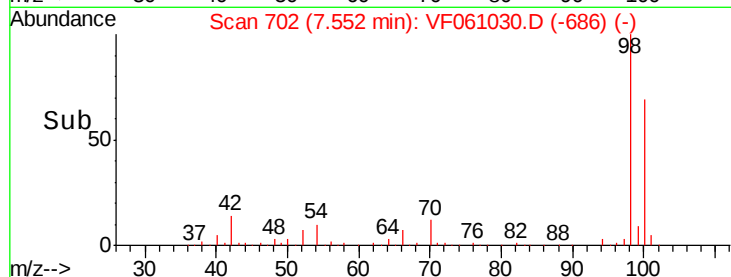
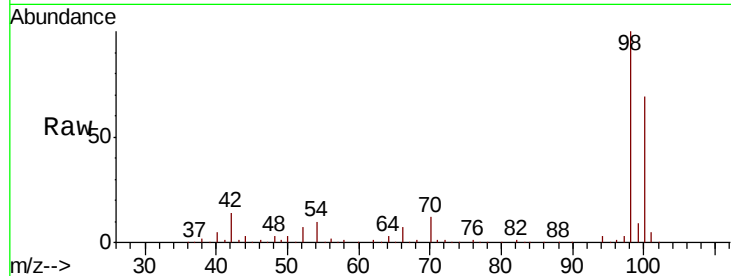
#50
Toluene-d8
Concen: 39.831 ug/l
RT: 7.55 min Scan# 702
Delta R.T. -0.04 min
Lab File: VF061030.D
Acq: 14 Dec 2018 20:03

Instrument :
MSVOA_F
ClientSampleId :
TP-7-ARE

Tgt Ion	Ratio	Resp	Lower	Upper
98	100	311066		
100	68.7	59.3	88.9	

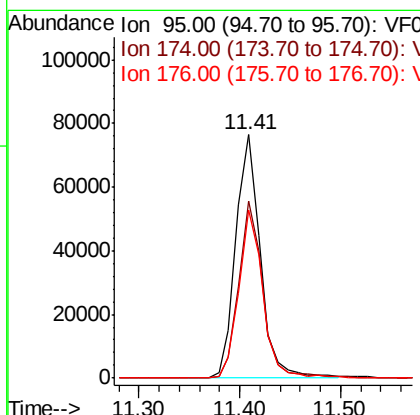
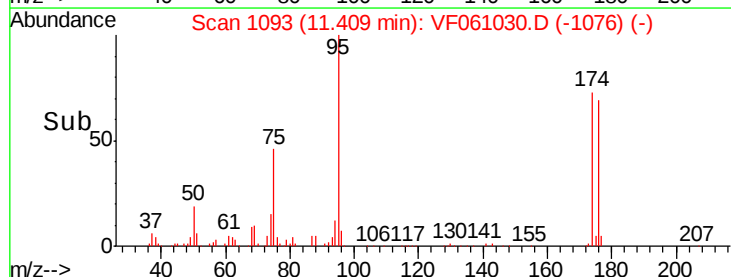
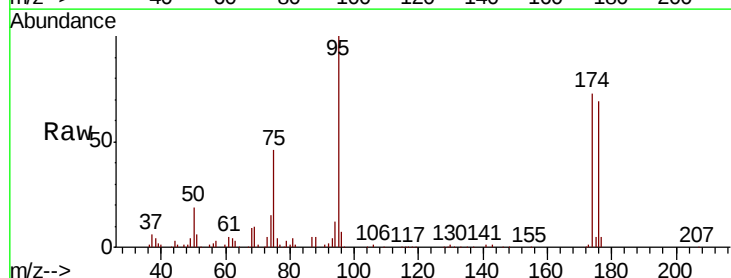
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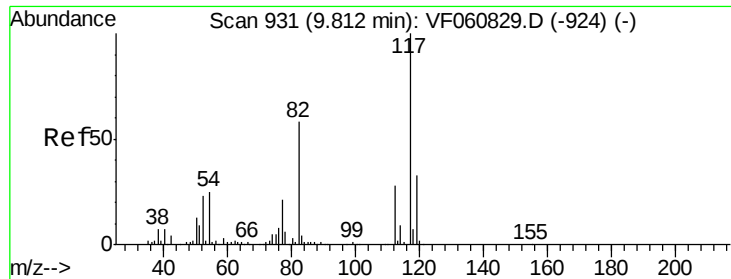
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#62
4-Bromofluorobenzene
Concen: 36.406 ug/l
RT: 11.41 min Scan# 1093
Delta R.T. -0.03 min
Lab File: VF061030.D
Acq: 14 Dec 2018 20:03

Tgt Ion	Ratio	Resp	Lower	Upper
95	100	129219		
174	72.8	0.0	138.2	
176	69.0	0.0	146.2	





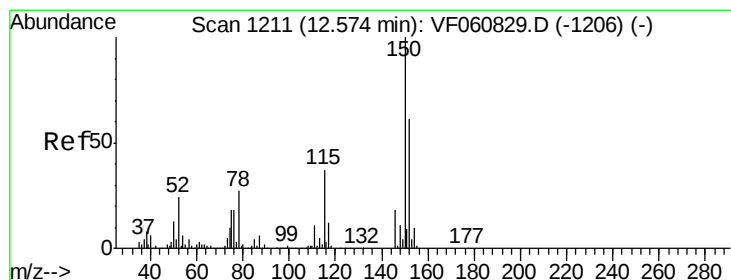
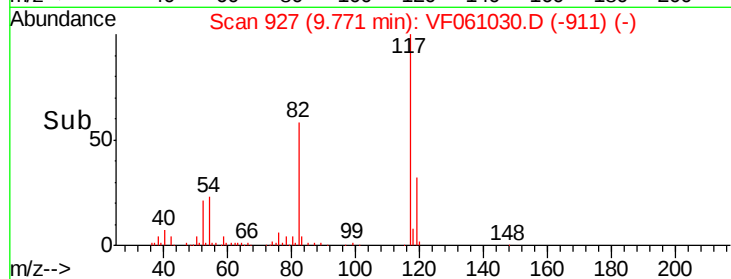
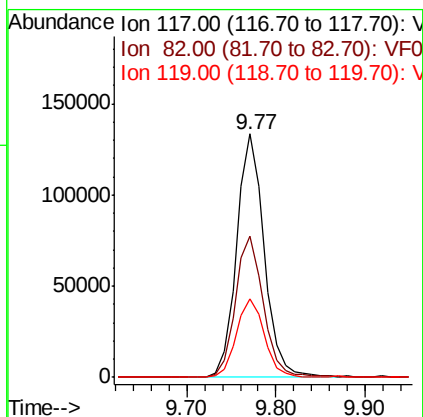
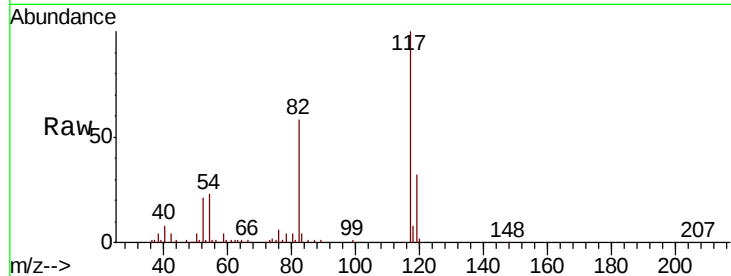
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.77 min Scan# 927
Delta R.T. -0.04 min
Lab File: VF061030.D
Acq: 14 Dec 2018 20:03

Instrument :
MSVOA_F
ClientSampleId :
TP-7-ARE

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	288687		
82	58.1	46.6	69.8	
119	32.3	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: VF061030.D
Acq: 14 Dec 2018 20:03

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	129427		
115	64.4	30.1	90.5	
150	152.9	0.0	327.6	

