

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF061918\
 Data File : VF059195.D
 Acq On : 19 Jun 2018 18:15
 Operator : VA/AP
 Sample : J3554-08
 Misc : 6.22g/5mL/MSVOA-F/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 A-7(3.0)

Manual Integrations
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 6/20/2018 10:19:06 AM

Quant Time: Jun 20 04:36:17 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F060618S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 07 10:52:00 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.03	168	209057	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	5.75	114	304224	50.00	ug/l	-0.01
63) Chlorobenzene-d5	9.91	117	279460	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.63	152	165147	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.01	65	125243	49.40	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.80%	
35) Dibromofluoromethane	4.28	113	107236	50.24	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	100.48%	
50) Toluene-d8	7.71	98	278431	44.40	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.80%	
62) 4-Bromofluorobenzene	11.51	95	146034	45.40	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.80%	
Target Compounds						
20) Methylene Chloride	2.27	84	5792m	4.00	ug/l	Qvalue
59) 2-Hexanone	9.63	43	14341m	10.84	ug/l	
95) Naphthalene	14.53	128	10899	1.43	ug/l	95

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

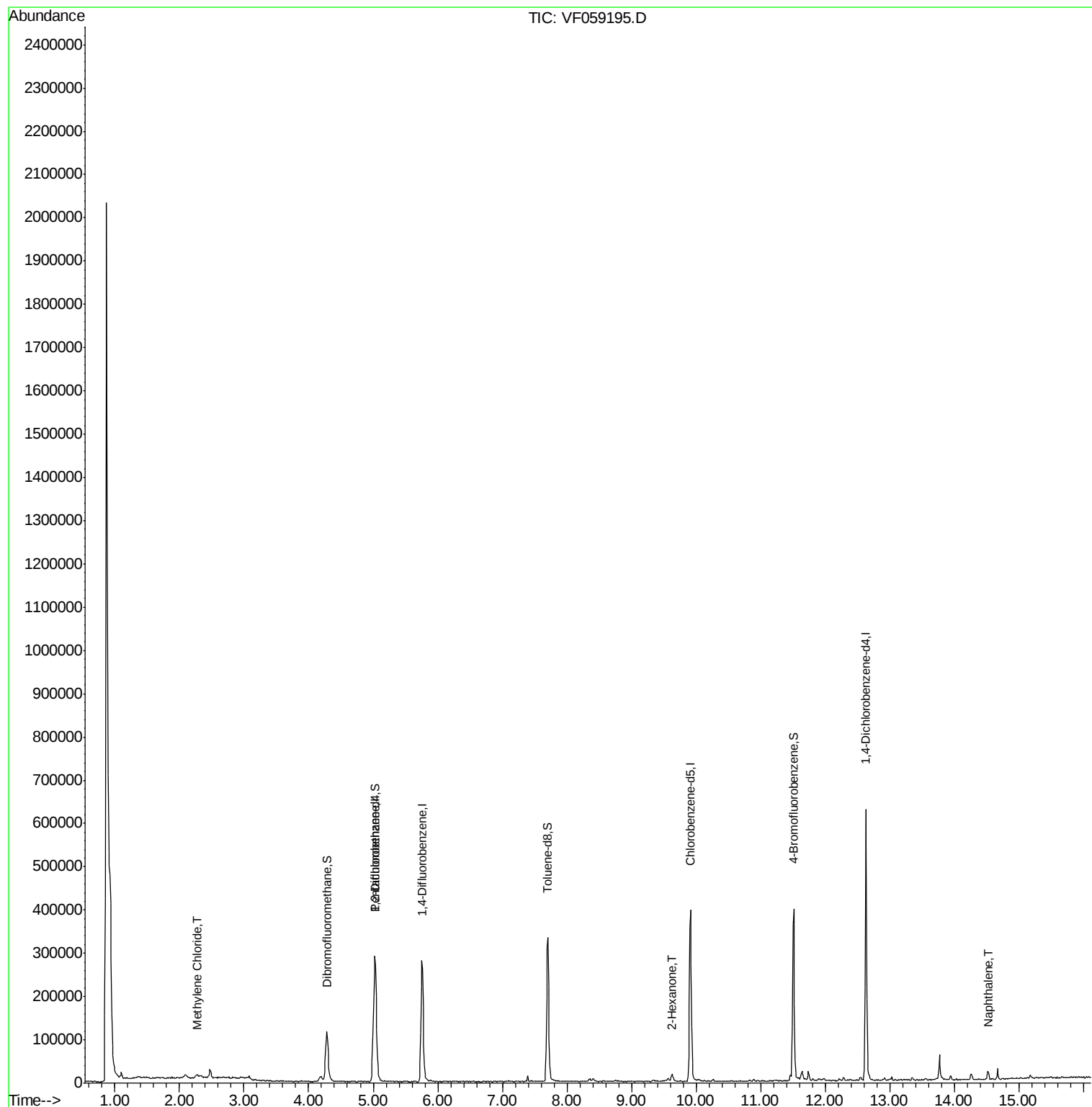
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF061918\
Data File : VF059195.D
Acq On : 19 Jun 2018 18:15
Operator : VA/AP
Sample : J3554-08
Misc : 6.22g/5mL/MSVOA-F/SOIL
ALS Vial : 6 Sample Multiplier: 1

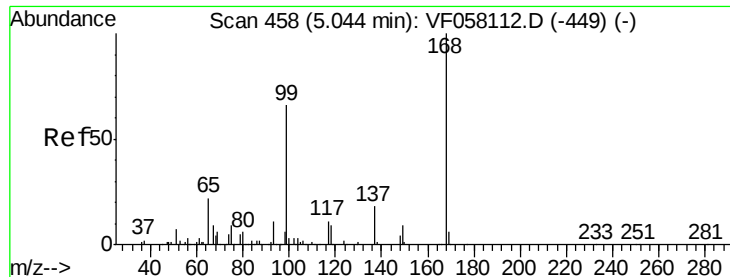
Instrument :
MSVOA_F
ClientSampleId :
A-7(3.0)

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Quant Time: Jun 20 04:36:17 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_F\METHODS\82F060618S.M
Quant Title : SW846 8260
QLast Update : Thu Jun 07 10:52:00 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.03 min Scan# 457

Delta R.T. -0.01 min

Lab File: VF059195.D

Acq: 19 Jun 2018 18:15

Instrument :

MSVOA_F

ClientSampleId :

A-7(3.0)

Tot Ion:168 Resp: 209057

Ion Ratio Lower Upper

168 100

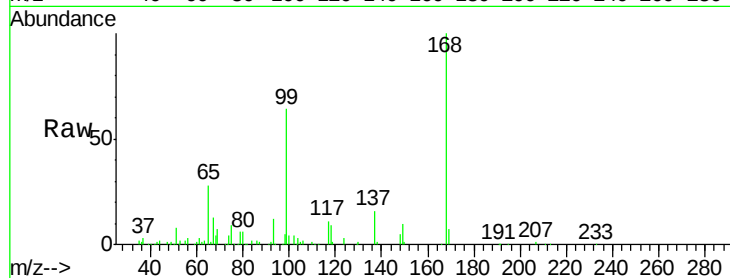
99 64.4 52.9 79.3

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Abundance Ion 168.00 (167.70 to 168.70): V

Ion 99.00 (98.70 to 99.70): VF0

5.03

80000

60000

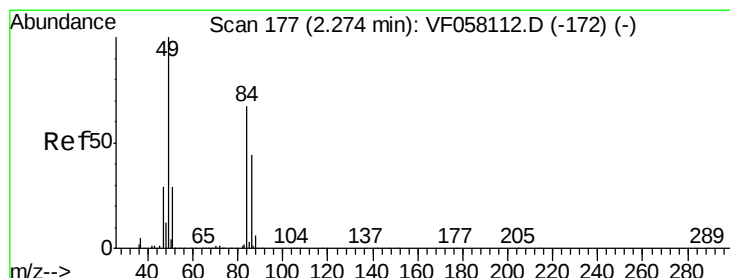
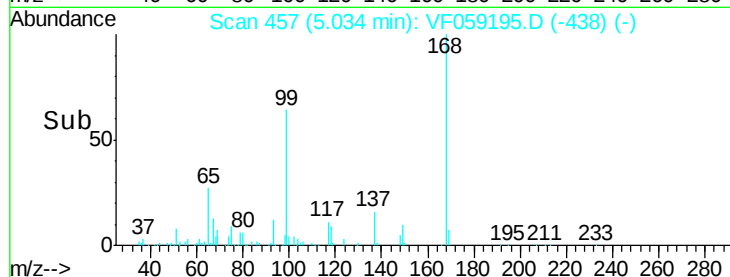
40000

20000

0

4.90 5.00 5.10 5.20

Time-->



#20

Methylene Chloride

Concen: 4.00 ug/l m

RT: 2.27 min Scan# 177

Delta R.T. -0.00 min

Lab File: VF059195.D

Acq: 19 Jun 2018 18:15

Tgt Ion: 84 Resp: 5792

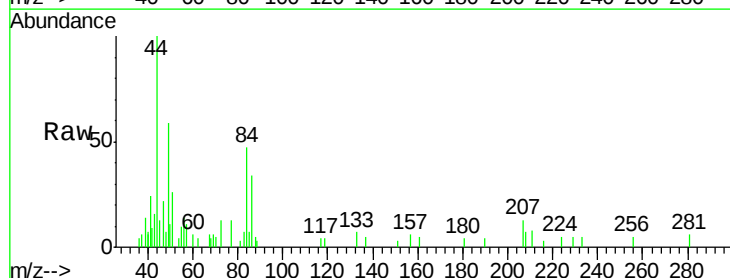
Ion Ratio Lower Upper

84 100

49 124.9 121.0 181.4

51 54.4 35.8 53.6#

86 72.2 53.2 79.8



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

3000

2500

2000

1500

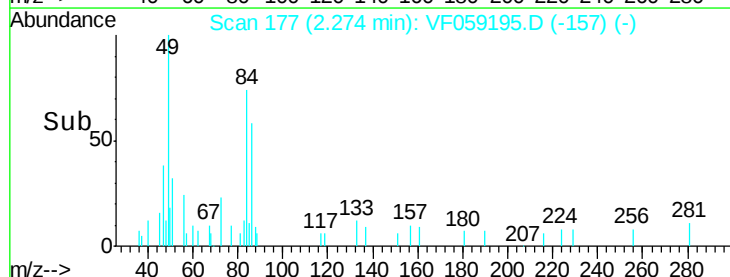
1000

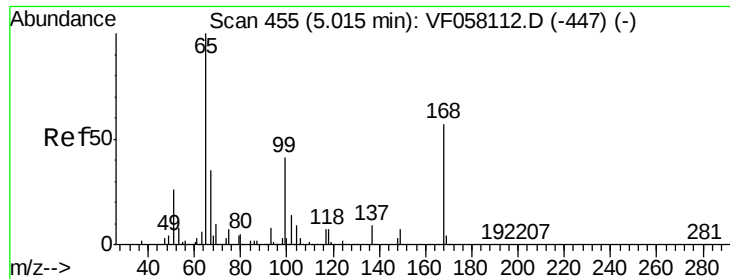
500

0

2.20 2.30 2.40

Time-->





#33

1,2-Dichloroethane-d4

Concen: 49.40 ug/l

RT: 5.01 min Scan# 455

Delta R.T. -0.00 min

Lab File: VF059195.D

Acq: 19 Jun 2018 18:15

Instrument :

MSVOA_F

ClientSampled :

A-7(3.0)

Tot Ion: 65 Resp: 125243

Ion Ratio Lower Upper

65 100

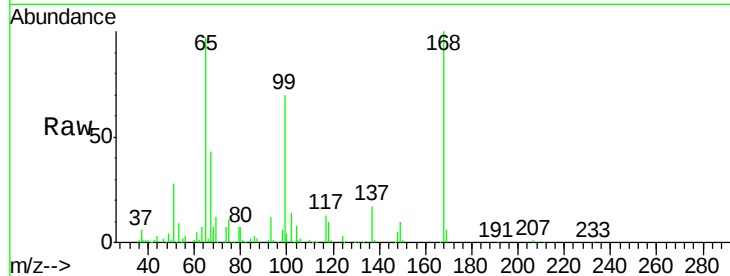
67 44.1 0.0 97.0

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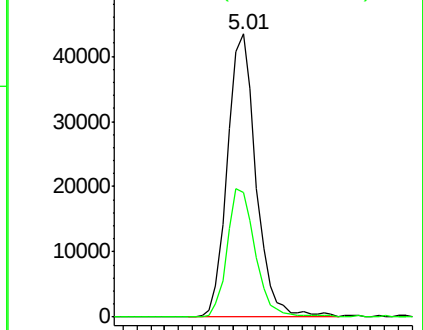
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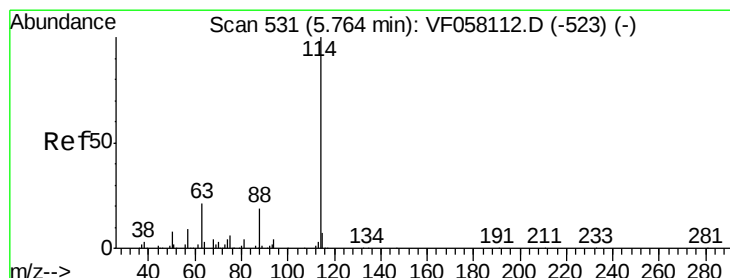
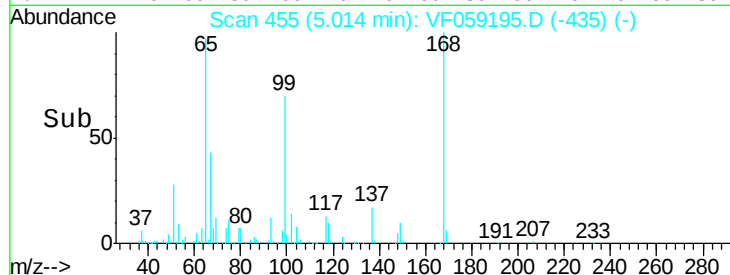


Abundance Ion 65.00 (64.70 to 65.70): VF0

Ion 67.00 (66.70 to 67.70): VF0



Time-->



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 5.75 min Scan# 530

Delta R.T. -0.01 min

Lab File: VF059195.D

Acq: 19 Jun 2018 18:15

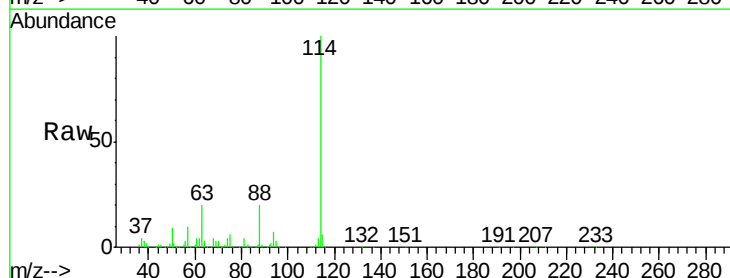
Tgt Ion: 114 Resp: 304224

Ion Ratio Lower Upper

114 100

63 20.4 0.0 41.6

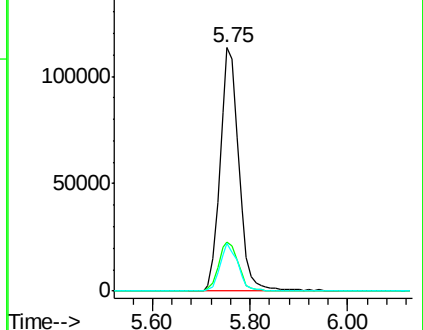
88 19.6 0.0 38.8



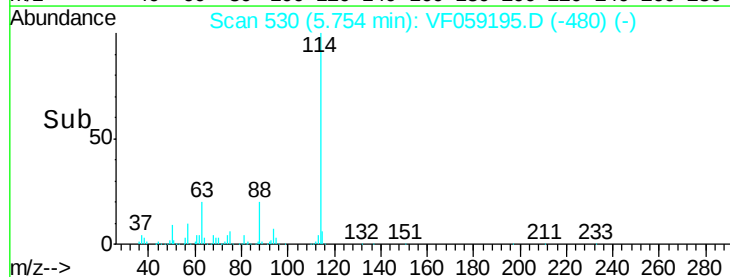
Abundance Ion 114.00 (113.70 to 114.70): V

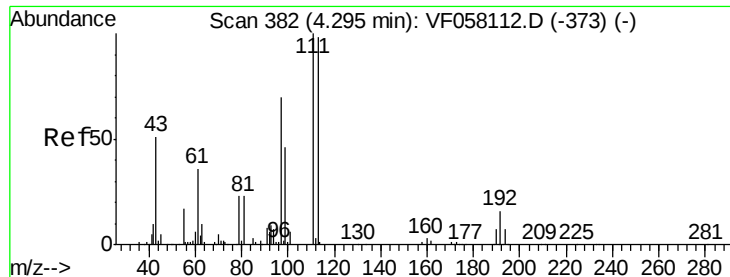
Ion 63.00 (62.70 to 63.70): VF0

Ion 88.00 (87.70 to 88.70): VF0



Time-->





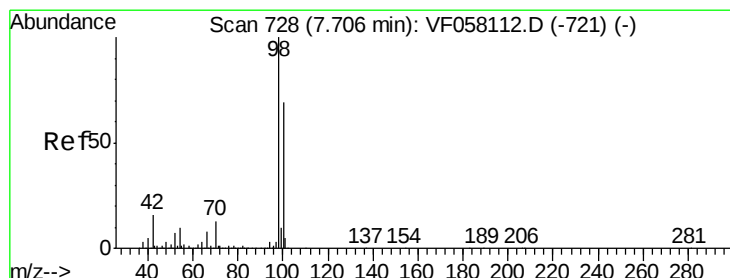
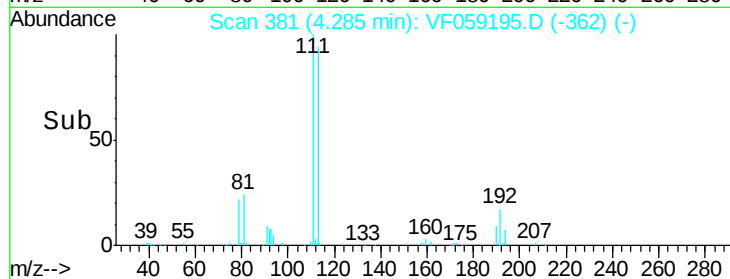
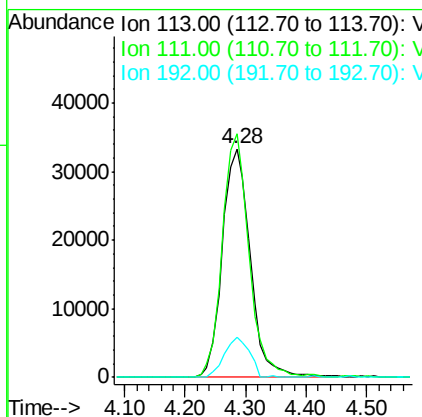
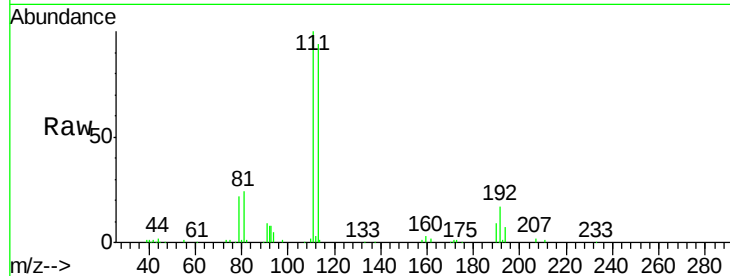
#35
 Dibromofluoromethane
 Concen: 50.24 ug/l
 RT: 4.28 min Scan# 381
 Delta R.T. -0.01 min
 Lab File: VF059195.D
 Acq: 19 Jun 2018 18:15

Instrument :
 MSVOA_F
 ClientSampleId :
 A-7(3.0)

Tot Ion	Ratio	Lower	Upper
113	100		
111	105.2	81.3	121.9
192	17.4	12.7	19.1

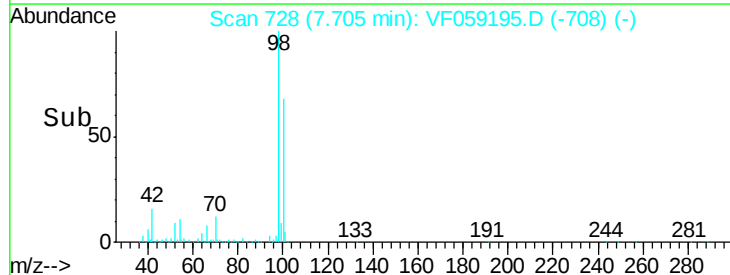
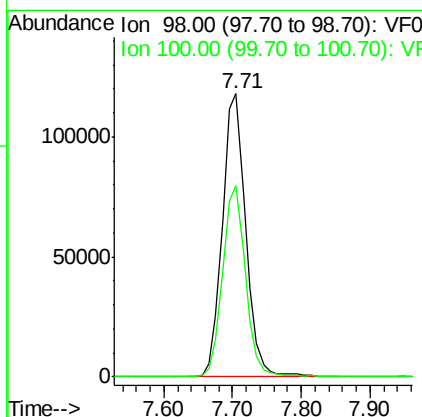
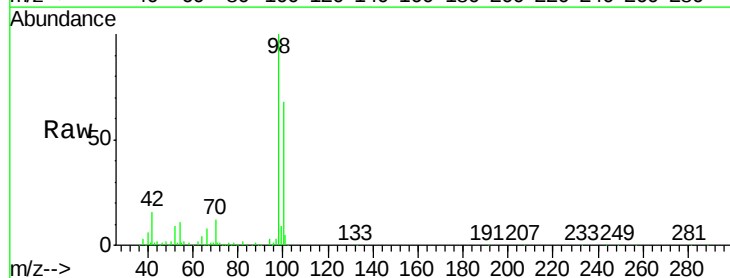
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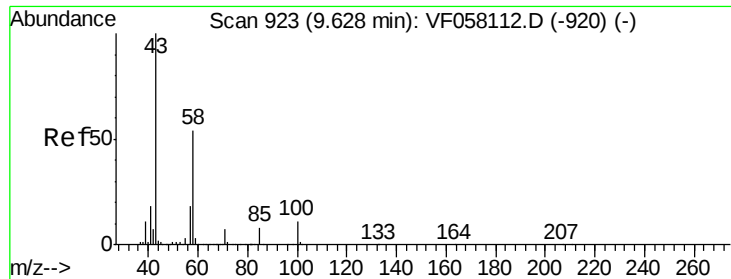
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#50
 Toluene-d8
 Concen: 44.40 ug/l
 RT: 7.71 min Scan# 728
 Delta R.T. -0.00 min
 Lab File: VF059195.D
 Acq: 19 Jun 2018 18:15

Tgt Ion	Ratio	Lower	Upper
98	100		
100	67.6	55.6	83.4





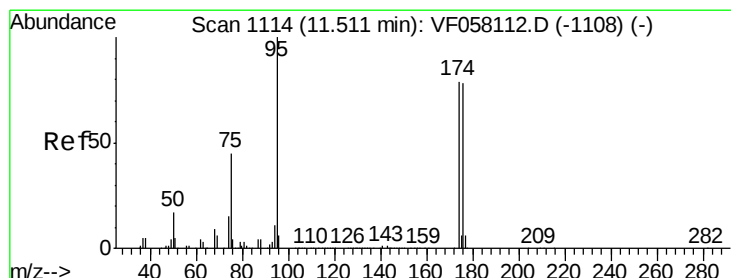
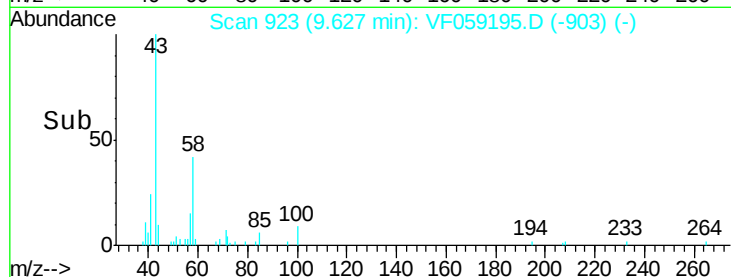
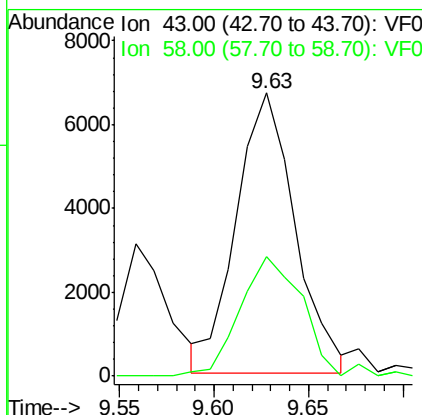
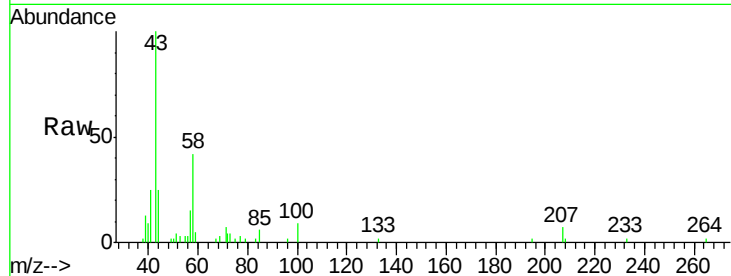
#59
2-Hexanone
Concen: 10.84 ug/l m
RT: 9.63 min Scan# 923
Delta R.T. -0.00 min
Lab File: VF059195.D
Acq: 19 Jun 2018 18:15

Instrument :
MSVOA_F
ClientSampleId :
A-7(3.0)

Tot Ion	Ratio	Lower	Upper
43	100		
58	42.1	26.3	78.8

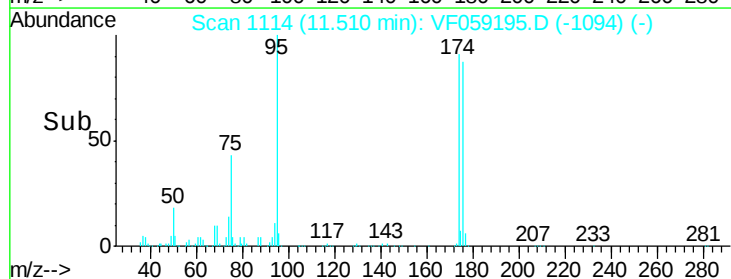
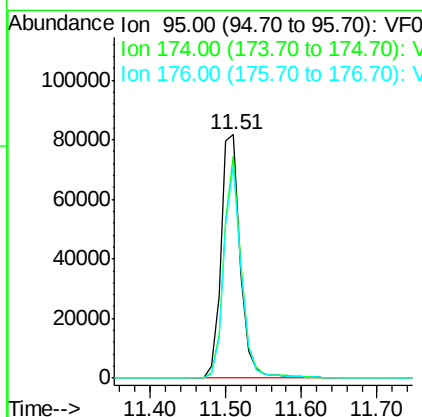
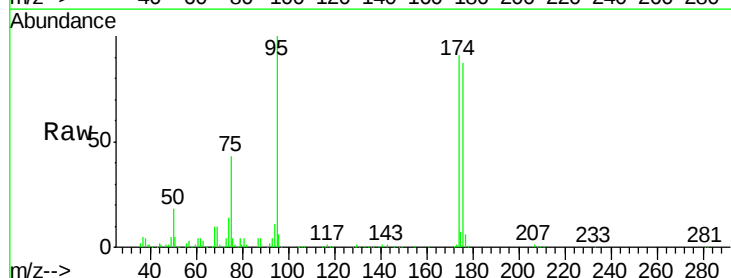
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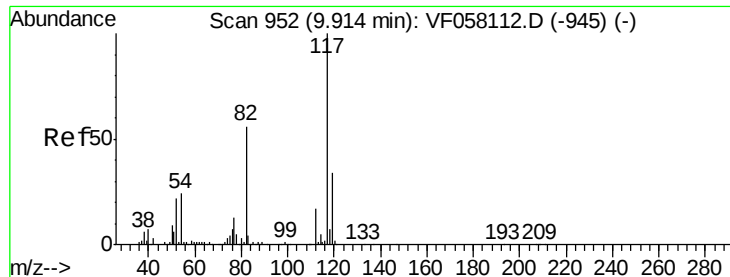
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#62
4-Bromofluorobenzene
Concen: 45.40 ug/l
RT: 11.51 min Scan# 1114
Delta R.T. -0.00 min
Lab File: VF059195.D
Acq: 19 Jun 2018 18:15

Tgt Ion	Ratio	Lower	Upper
95	100		
174	91.0	0.0	157.8
176	87.5	0.0	155.8





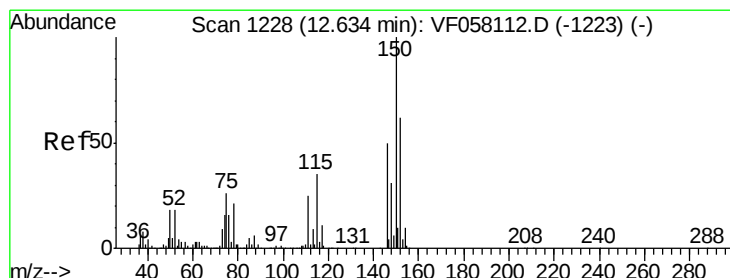
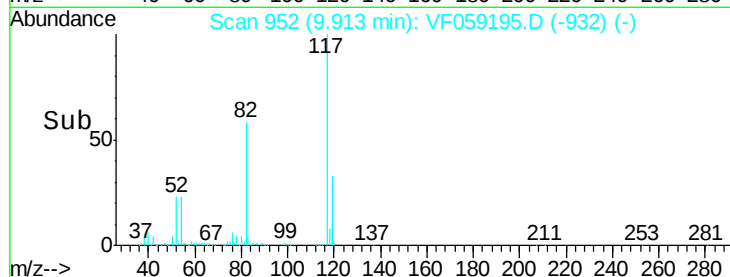
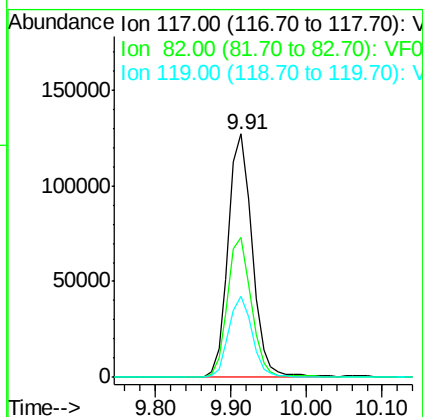
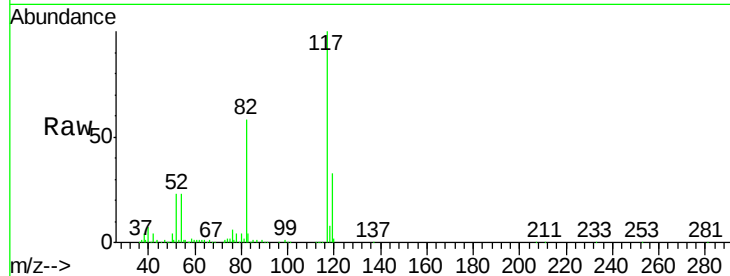
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.91 min Scan# 952
Delta R.T. -0.00 min
Lab File: VF059195.D
Acq: 19 Jun 2018 18:15

Instrument :
MSVOA_F
ClientSampleId :
A-7(3.0)

Tot Ion	Ratio	Resp	Lower	Upper
117	100	279460		
82	57.6	45.2	67.8	
119	33.3	27.5	41.3	

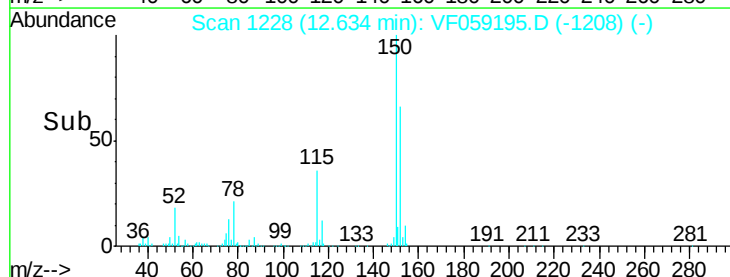
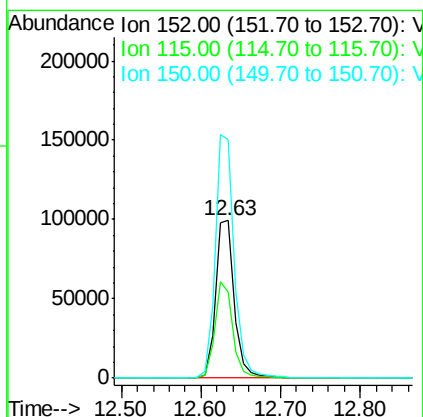
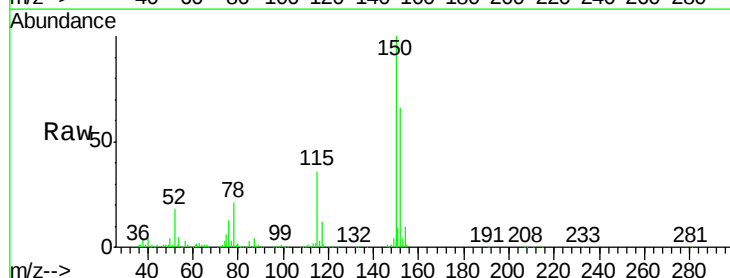
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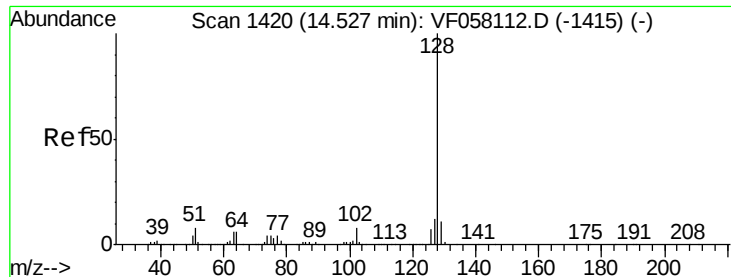
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#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.63 min Scan# 1228
Delta R.T. -0.00 min
Lab File: VF059195.D
Acq: 19 Jun 2018 18:15

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	165147		
115	55.0	28.5	85.5	
150	150.9	0.0	323.8	





#95
Naphthalene
Concen: 1.43 ug/l
RT: 14.53 min Scan# 1420
Delta R.T. -0.00 min
Lab File: VF059195.D
Acq: 19 Jun 2018 18:15

Instrument :
MSVOA_F
ClientSampleId :
A-7(3.0)

Tot Ion	Ratio	Resp Lower	Resp Upper
128	100		
127	14.3	9.9	14.9
129	9.3	8.7	13.1

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