

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF061818\
 Data File : VF059188.D
 Acq On : 18 Jun 2018 21:02
 Operator : VA/AP
 Sample : J3538-07
 Misc : 5.03g/5mL/MSVOA-F/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 SS-T-5-STONE

Manual Integrations
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Quant Time: Jun 19 04:27:54 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	263394	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	5.75	114	424776	50.00	ug/l	-0.01
63) Chlorobenzene-d5	9.91	117	370264	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.62	152	215808	50.00	ug/l	-0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.00	65	174843	54.73	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	109.46%	
35) Dibromofluoromethane	4.28	113	159945	53.66	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	107.32%	
50) Toluene-d8	7.70	98	385028	43.97	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	87.94%	
62) 4-Bromofluorobenzene	11.50	95	188386	41.95	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	83.90%	
Target Compounds						
20) Methylene Chloride	2.27	84	8119m	4.446	ug/l	Qvalue

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

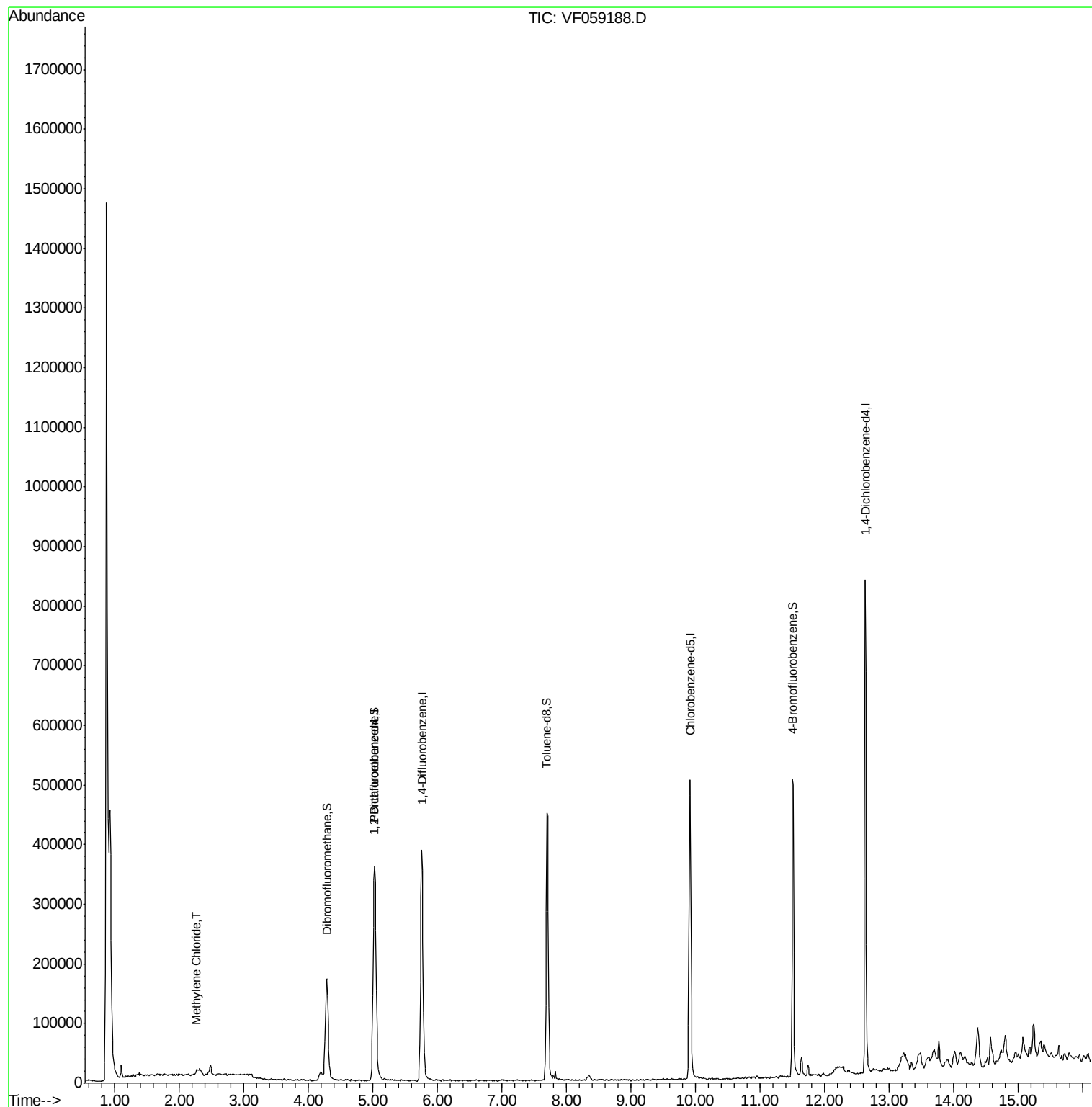
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF061818\
Data File : VF059188.D
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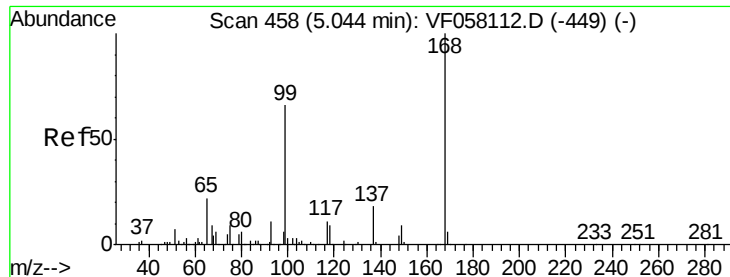
Instrument :
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Quant Time: Jun 19 04:27:54 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_F\METHODS\82F060618S.M
Quant Title : SW846 8260
QLast Update : Thu Jun 07 10:52:00 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.03 min Scan# 457

Delta R.T. -0.01 min

Lab File: VF059188.D

Acq: 18 Jun 2018 21:02

Instrument :

MSVOA_F

ClientSampleId :

SS-T-5-STONE

Tot Ion:168 Resp: 263394

Ion Ratio Lower Upper

168 100

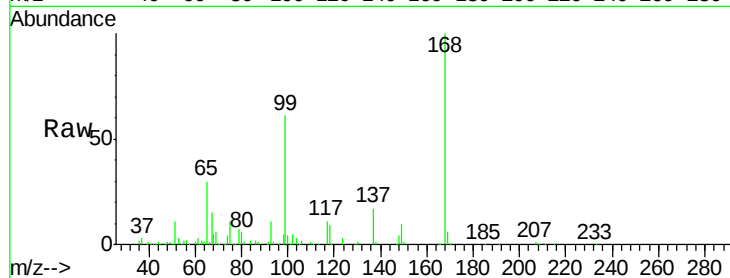
99 61.3 52.9 79.3

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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

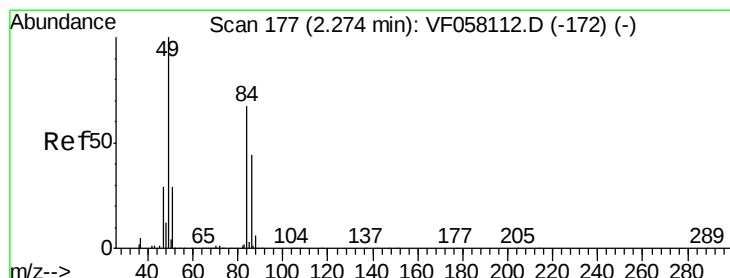
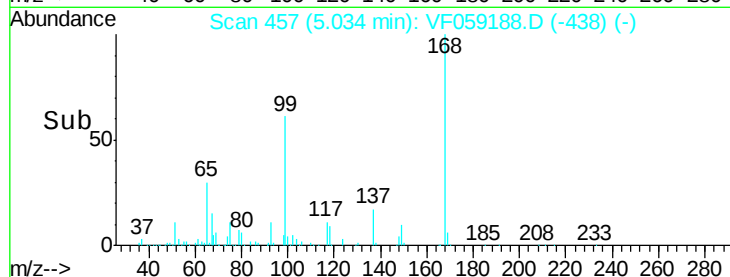
60000

40000

20000

0

Time-->



#20

Methylene Chloride

Concen: 4.446 ug/l m

RT: 2.27 min Scan# 177

Delta R.T. -0.00 min

Lab File: VF059188.D

Acq: 18 Jun 2018 21:02

Tgt Ion: 84 Resp: 8119

Ion Ratio Lower Upper

84 100

49 120.1 121.0 181.4#

51 36.3 35.8 53.6

86 64.4 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

4000

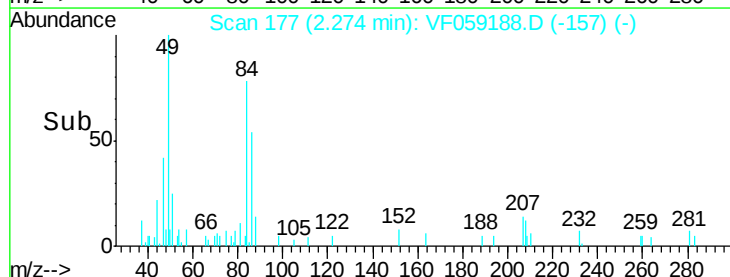
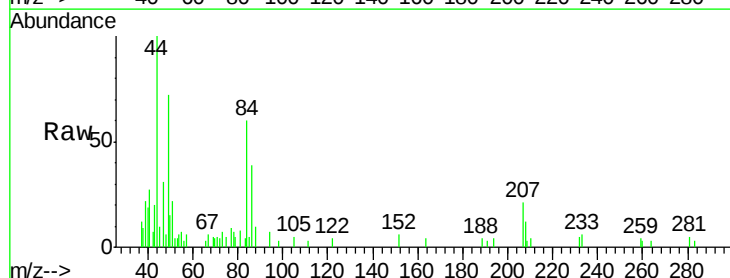
3000

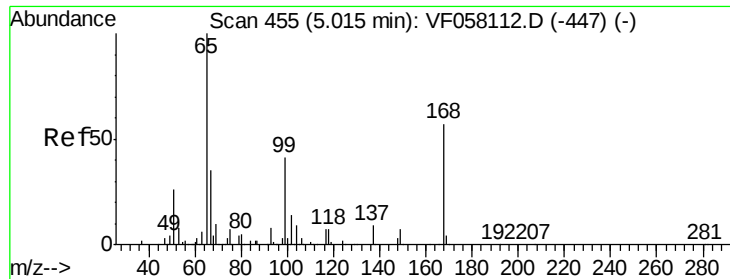
2000

1000

0

Time-->





#33

1,2-Dichloroethane-d4

Concen: 54.734 ug/l

RT: 5.00 min Scan# 454

Delta R.T. -0.01 min

Lab File: VF059188.D

Acq: 18 Jun 2018 21:02

Instrument :

MSVOA_F

ClientSampleId :

SS-T-5-STONE

Tot Ion: 65 Resp: 174843

Ion Ratio Lower Upper

65 100

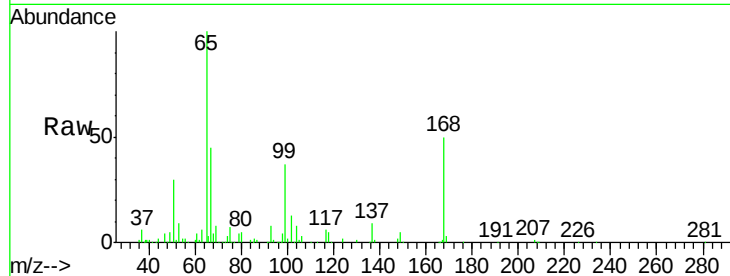
67 44.5 0.0 97.0

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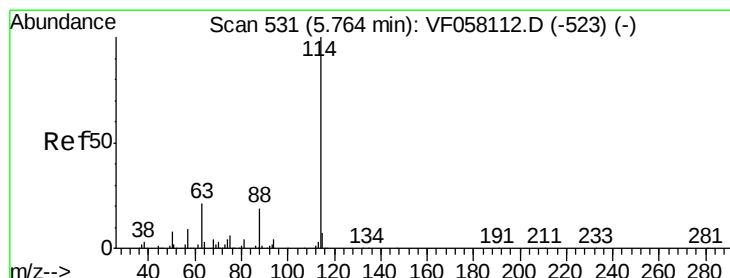
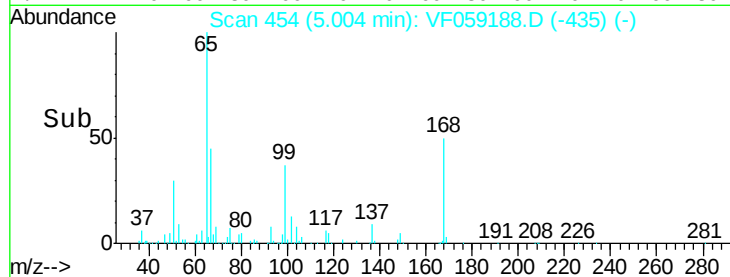
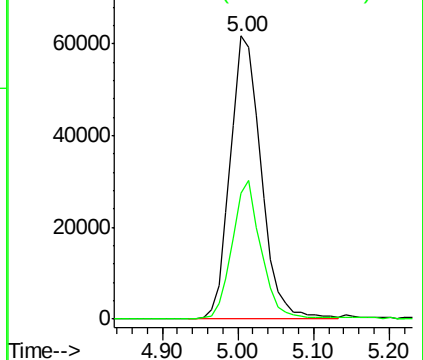
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Abundance Ion 65.00 (64.70 to 65.70): VF0

Ion 67.00 (66.70 to 67.70): VF0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.75 min Scan# 530

Delta R.T. -0.01 min

Lab File: VF059188.D

Acq: 18 Jun 2018 21:02

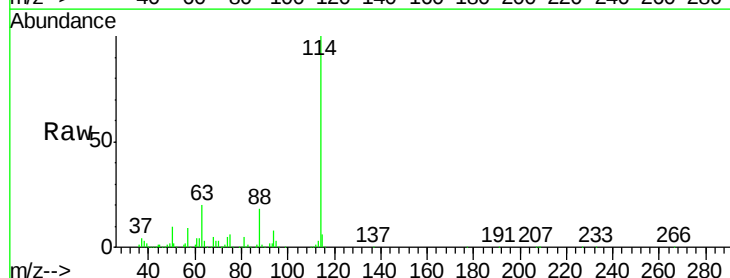
Tgt Ion: 114 Resp: 424776

Ion Ratio Lower Upper

114 100

63 20.2 0.0 41.6

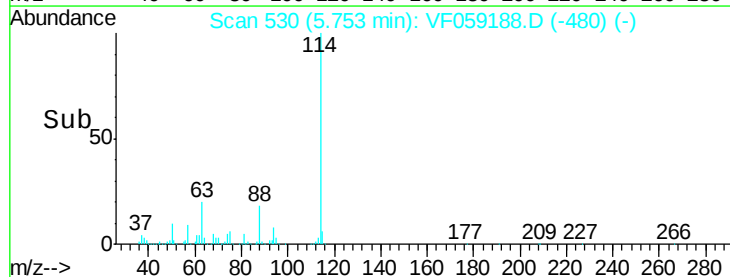
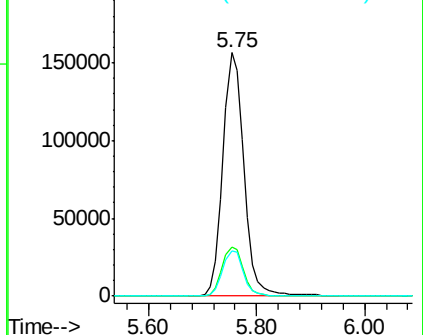
88 18.4 0.0 38.8

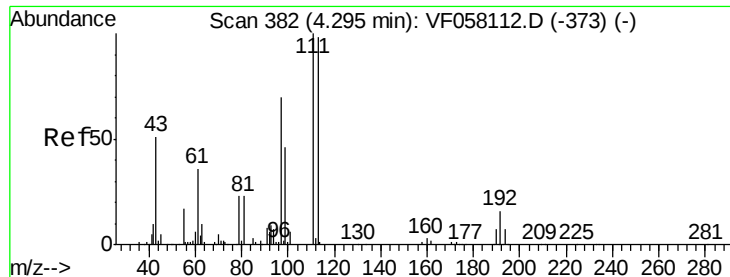


Abundance Ion 114.00 (113.70 to 114.70): V

Ion 63.00 (62.70 to 63.70): VF0

Ion 88.00 (87.70 to 88.70): VF0





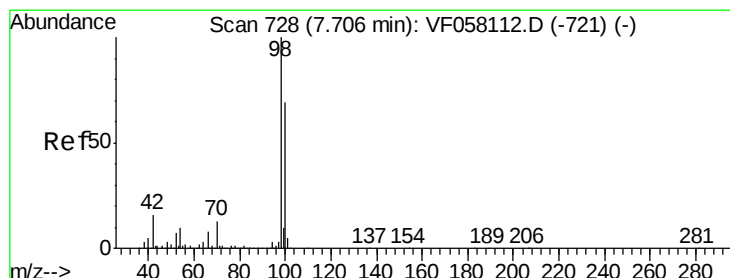
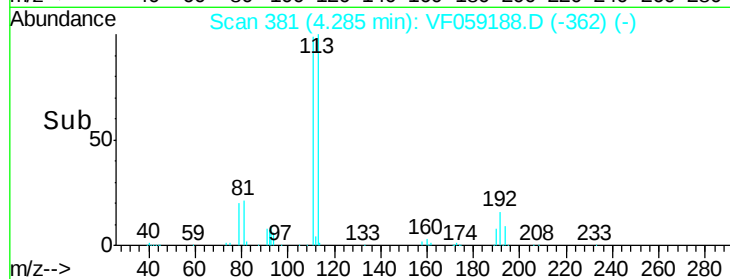
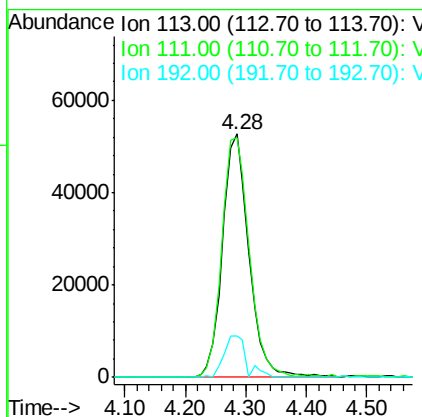
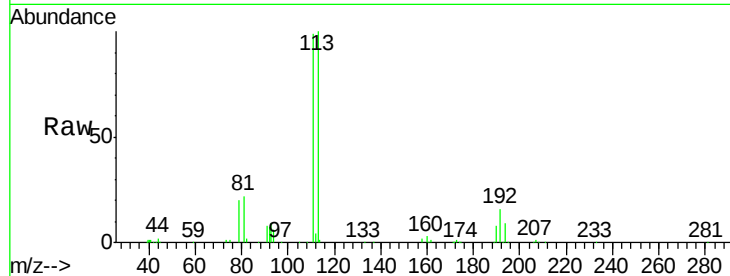
#35
Dibromofluoromethane
Concen: 53.663 ug/l
RT: 4.28 min Scan# 381
Delta R.T. -0.01 min
Lab File: VF059188.D
Acq: 18 Jun 2018 21:02

Instrument :
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ClientSampleId :
SS-T-5-STONE

Tot Ion	Ratio	Resp	Lower	Upper
113	100	159945		
111	98.7	81.3	121.9	
192	16.7	12.7	19.1	

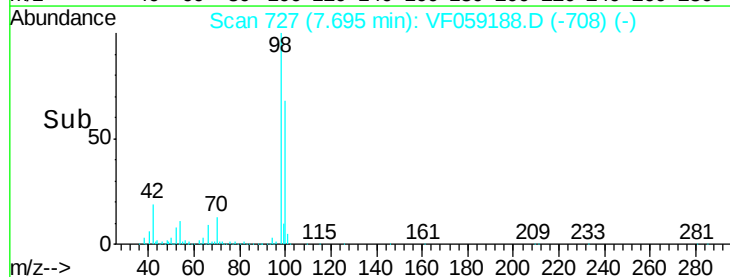
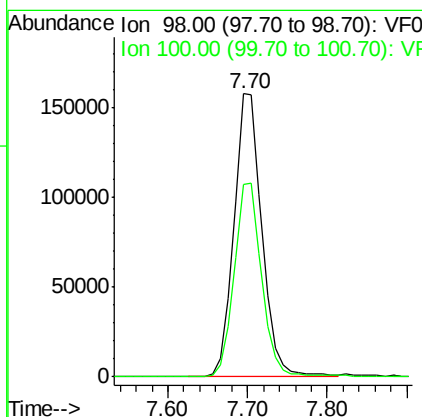
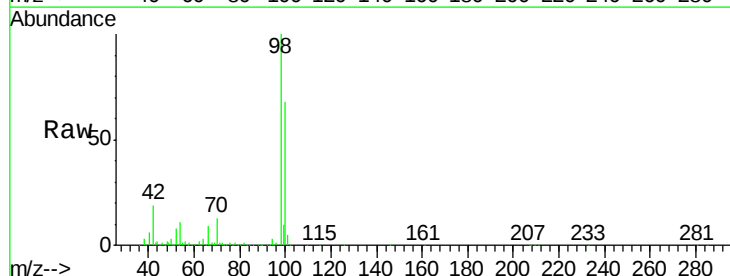
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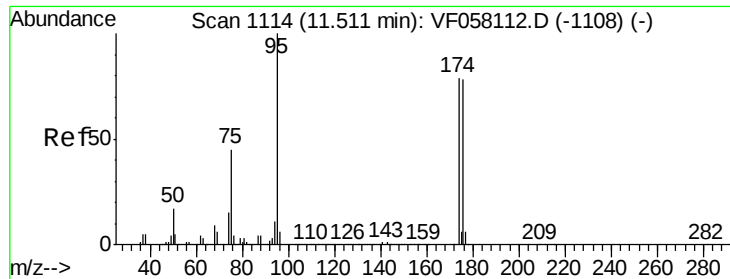
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#50
Toluene-d8
Concen: 43.972 ug/l
RT: 7.70 min Scan# 727
Delta R.T. -0.01 min
Lab File: VF059188.D
Acq: 18 Jun 2018 21:02

Tgt Ion	Ratio	Resp	Lower	Upper
98	100	385028		
100	68.1	55.6	83.4	





#62

4-Bromofluorobenzene

Concen: 41.947 ug/l

RT: 11.50 min Scan# 1113

Delta R.T. -0.01 min

Lab File: VF059188.D

Acq: 18 Jun 2018 21:02

Instrument :

MSVOA_F

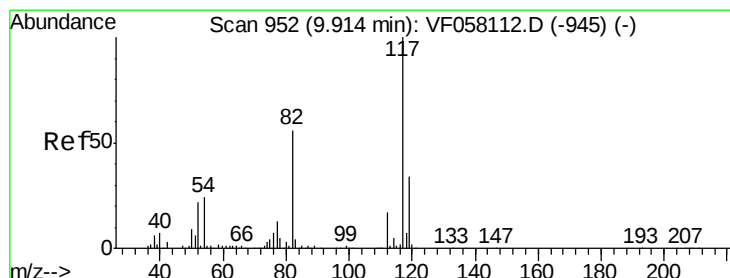
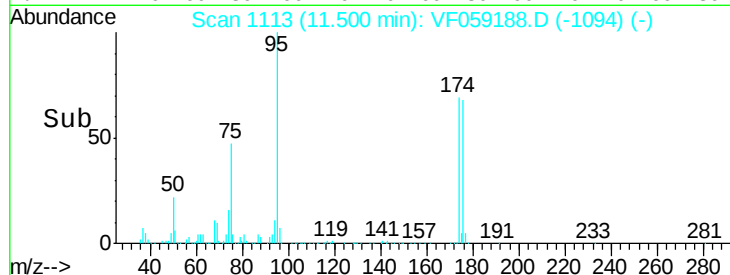
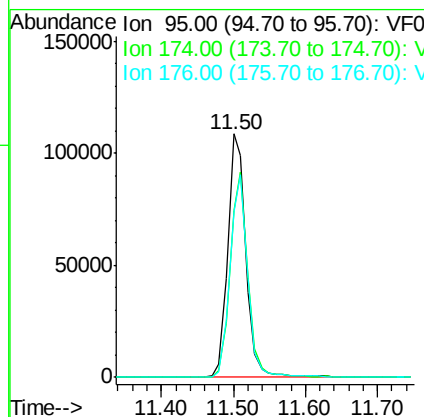
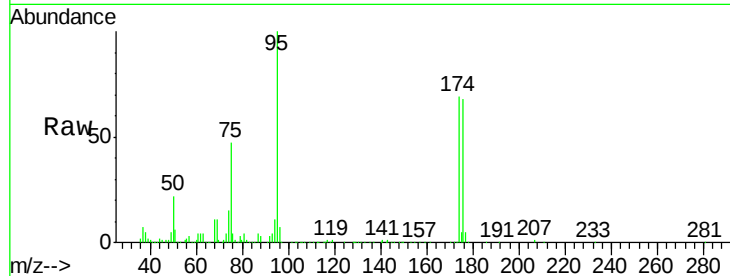
ClientSampleId :

SS-T-5-STONE

Tot Ion:	95	Resp:	188386
Ion Ratio	Lower	Upper	
95	100		
174	68.8	0.0	157.8
176	68.2	0.0	155.8

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#63

Chlorobenzene-d5

Concen: 50.000 ug/l

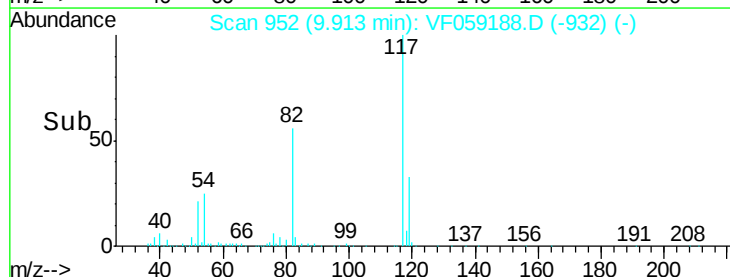
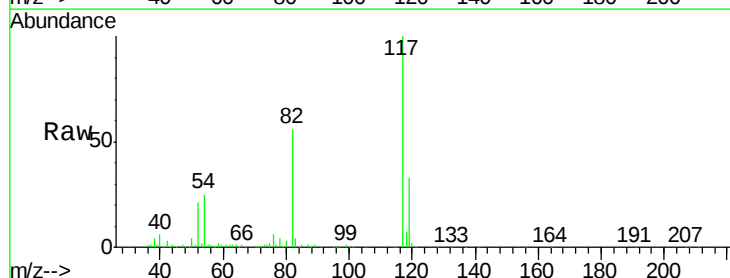
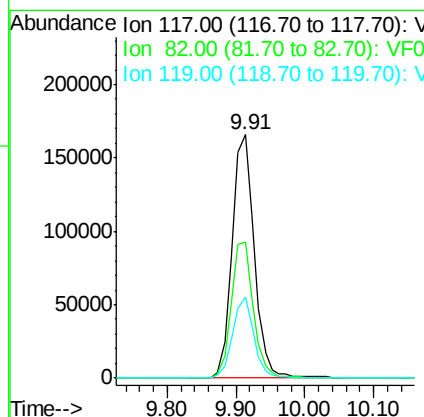
RT: 9.91 min Scan# 952

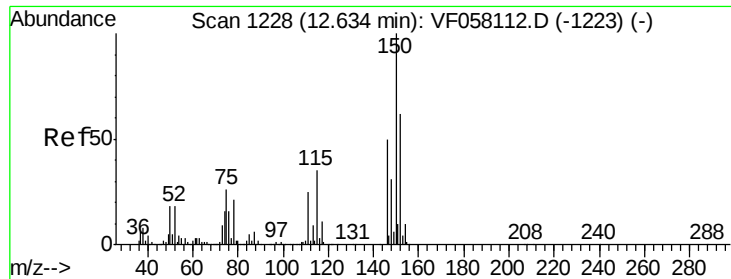
Delta R.T. -0.00 min

Lab File: VF059188.D

Acq: 18 Jun 2018 21:02

Tgt Ion:	117	Resp:	370264
Ion Ratio	Lower	Upper	
117	100		
82	55.7	45.2	67.8
119	33.1	27.5	41.3





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.62 min Scan# 1227

Delta R.T. -0.01 min

Lab File: VF059188.D

Acq: 18 Jun 2018 21:02

Instrument :

MSVOA_F

ClientSampleId :

SS-T-5-STONE

Tot Ion:152 Resp: 215808

Ion Ratio Lower Upper

152 100

115 62.0 28.5 85.5

150 155.7 0.0 323.8

Manual Integrations

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