

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF062018\
 Data File : VF059243.D
 Acq On : 20 Jun 2018 23:18
 Operator : VA/AP
 Sample : J3584-19RE
 Misc : 4.95g/5mL/MSVOA-F/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 TP-1-SRE

Manual Integrations
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 6/21/2018 9:46:20 AM

Quant Time: Jun 21 09:13:47 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	5.04	168	198311	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.76	114	330036	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.92	117	320285	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.64	152	191367	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.02	65	156645	65.13	ug/l	0.00
Spiked Amount 50.000			Recovery	=	130.26%	
35) Dibromofluoromethane	4.29	113	135156	58.36	ug/l	0.00
Spiked Amount 50.000			Recovery	=	116.72%	
50) Toluene-d8	7.71	98	311500	45.79	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.58%	
62) 4-Bromofluorobenzene	11.51	95	174700	50.07	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.14%	
Target Compounds						
20) Methylene Chloride	2.28	84	16004	11.64	ug/l	# 93
95) Naphthalene	14.53	128	10394m	1.17	ug/l	

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

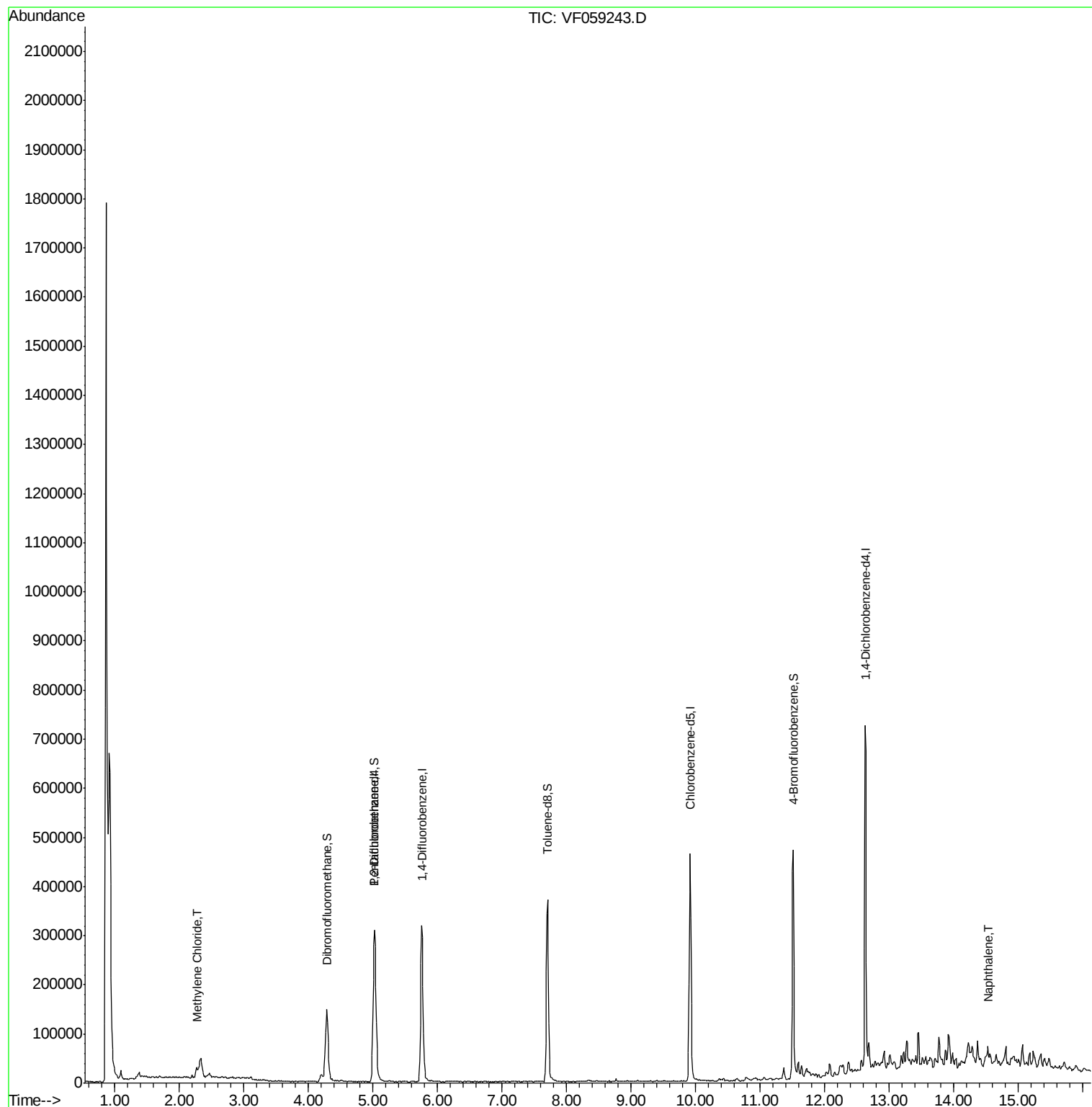
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF062018\
Data File : VF059243.D
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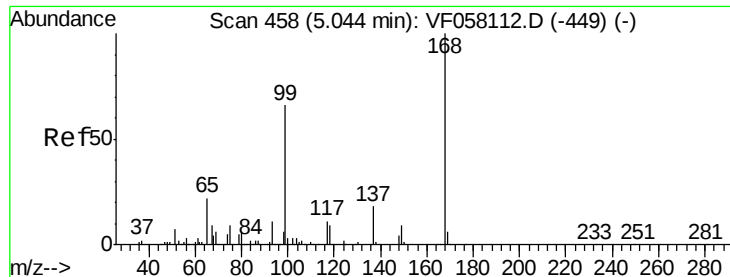
Instrument :
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Quant Time: Jun 21 09:13:47 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_F\METHODS\82F060618S.M
Quant Title : SW846 8260
QLast Update : Thu Jun 07 10:52:00 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.04 min Scan# 457

Delta R.T. -0.01 min

Lab File: VF059243.D

Acq: 20 Jun 2018 23:18

Instrument :

MSVOA_F

ClientSampleId :

TP-1-SRE

Tot Ion:168 Resp: 198311

Ion Ratio Lower Upper

168 100

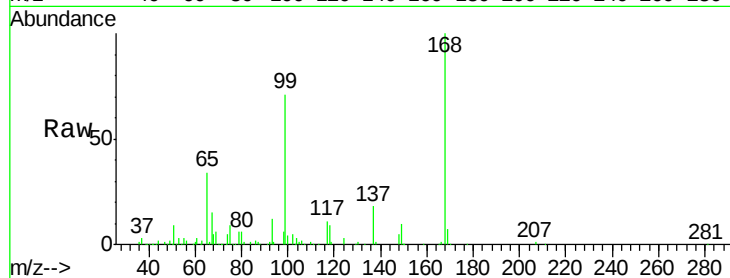
99 71.0 52.9 79.3

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Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

5.04

80000

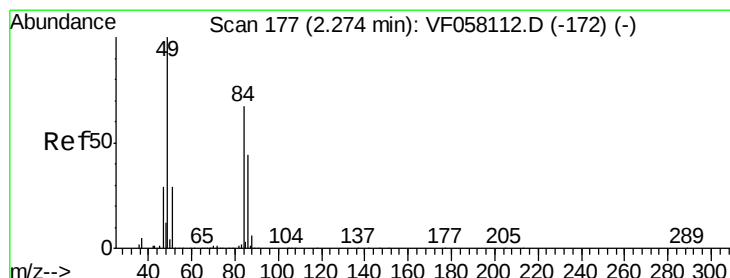
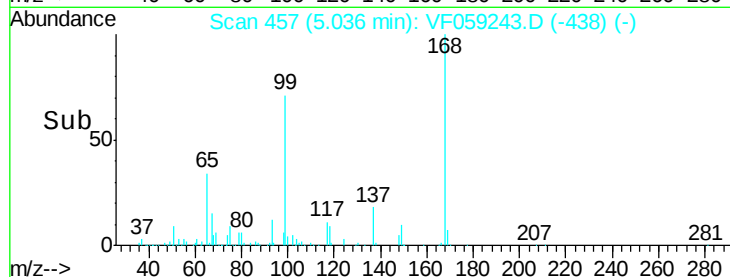
60000

40000

20000

0

Time-->



#20

Methylene Chloride

Concen: 11.64 ug/l

RT: 2.28 min Scan# 177

Delta R.T. 0.00 min

Lab File: VF059243.D

Acq: 20 Jun 2018 23:18

Tgt Ion: 84 Resp: 16004

Ion Ratio Lower Upper

84 100

49 156.7 121.0 181.4

51 60.0 35.8 53.6#

86 67.1 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

10000

8000

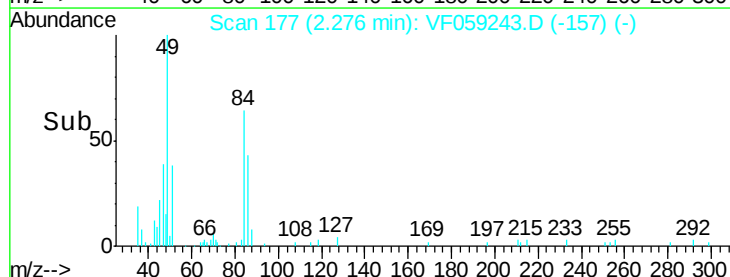
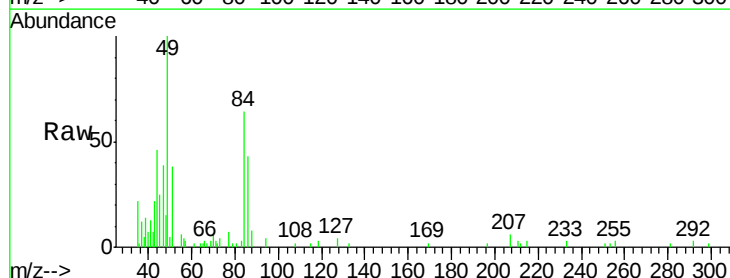
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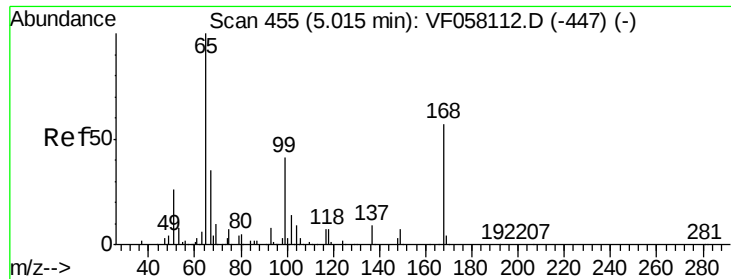
4000

2000

0

Time-->





#33

1,2-Dichloroethane-d4

Concen: 65.13 ug/l

RT: 5.02 min Scan# 455

Delta R.T. 0.00 min

Lab File: VF059243.D

Acq: 20 Jun 2018 23:18

Tot Ion: 65 Resp: 156645

Ion Ratio Lower Upper

65 100

67 47.9 0.0 97.0

Instrument :

MSVOA_F

ClientSampleId :

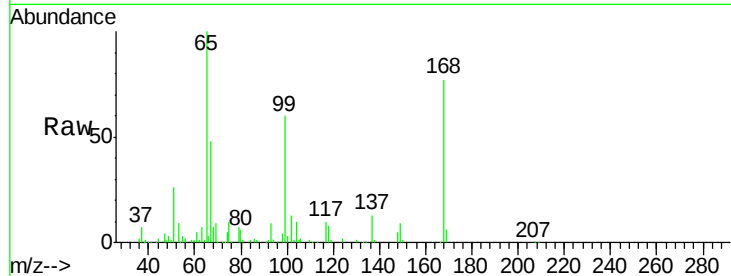
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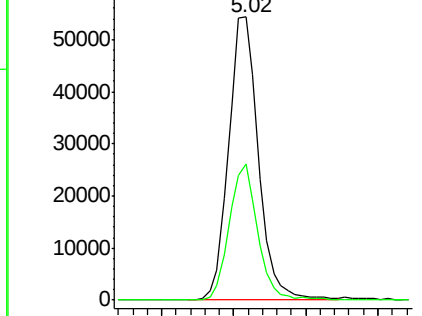
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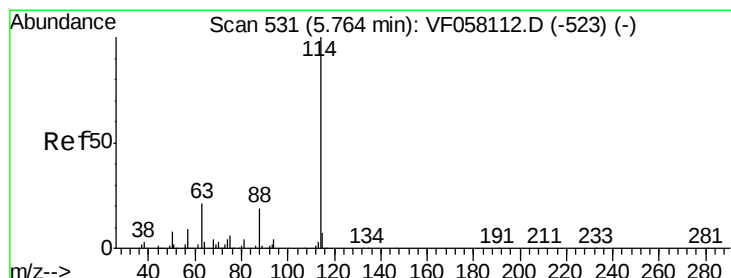
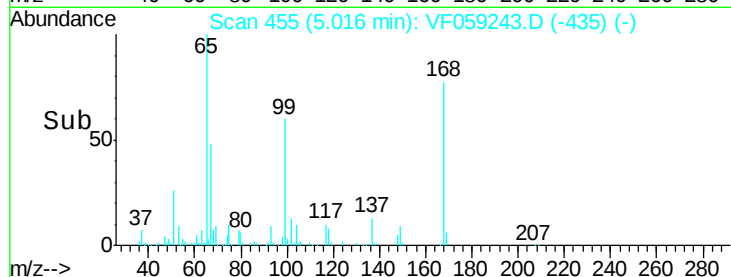


Abundance Ion 65.00 (64.70 to 65.70): VF0

Ion 67.00 (66.70 to 67.70): VF0



Time-->



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 5.76 min Scan# 530

Delta R.T. -0.01 min

Lab File: VF059243.D

Acq: 20 Jun 2018 23:18

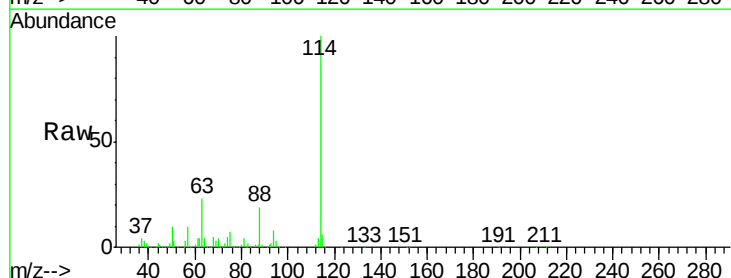
Tgt Ion:114 Resp: 330036

Ion Ratio Lower Upper

114 100

63 23.3 0.0 41.6

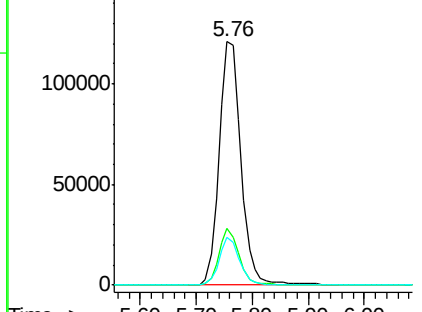
88 19.5 0.0 38.8



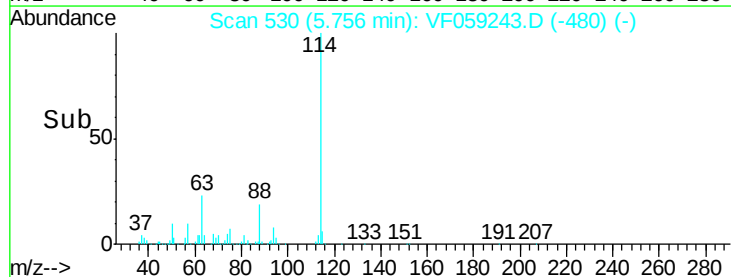
Abundance Ion 114.00 (113.70 to 114.70): V

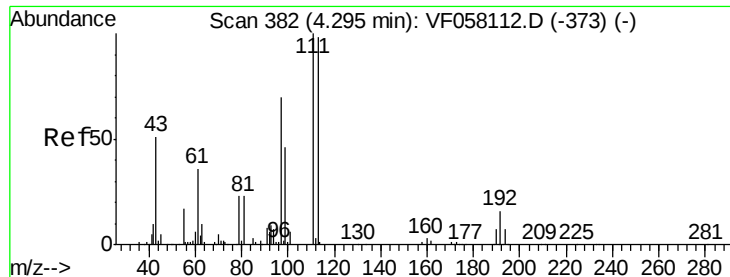
Ion 63.00 (62.70 to 63.70): VF0

Ion 88.00 (87.70 to 88.70): VF0



Time-->





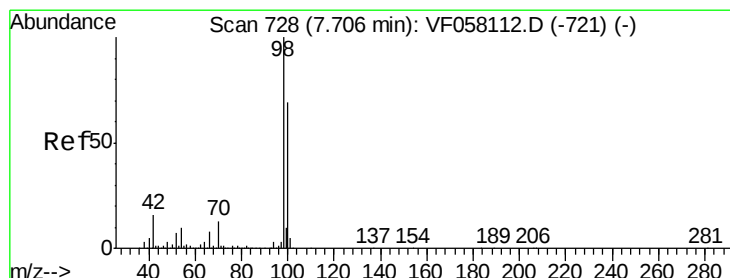
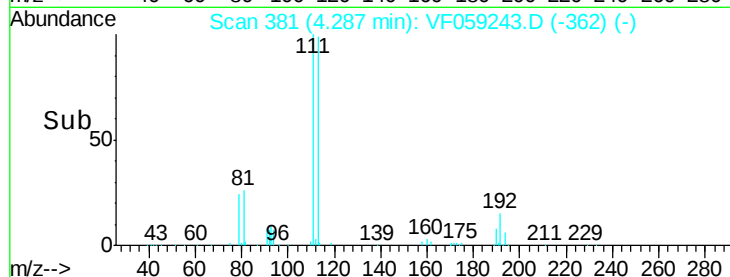
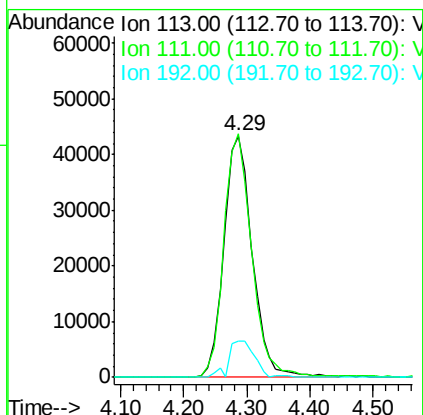
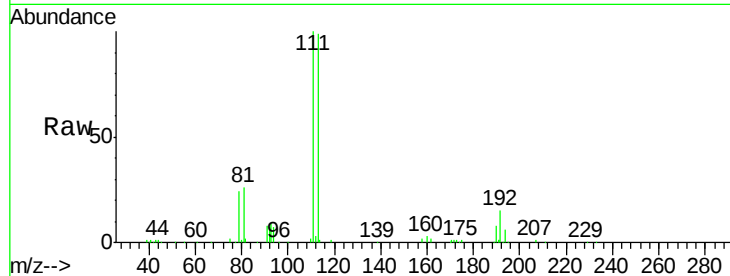
#35
Dibromofluoromethane
Concen: 58.36 ug/l
RT: 4.29 min Scan# 381
Delta R.T. -0.01 min
Lab File: VF059243.D
Acq: 20 Jun 2018 23:18

Instrument :
MSVOA_F
ClientSampleId :
TP-1-SRE

Tot Ion	Ratio	Resp	Lower	Upper
113	100	135156		
111	100.8	81.3	121.9	
192	15.3	12.7	19.1	

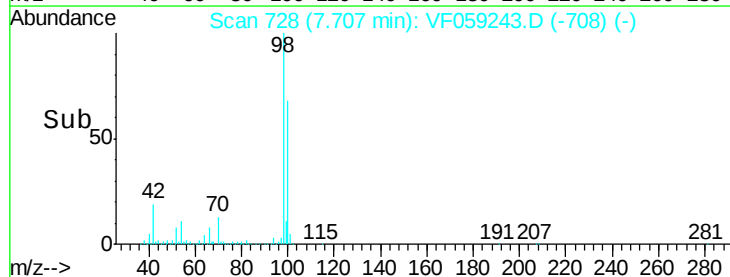
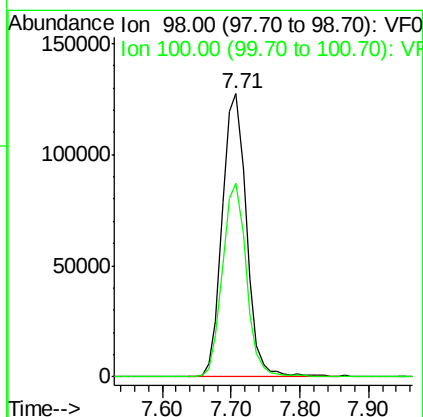
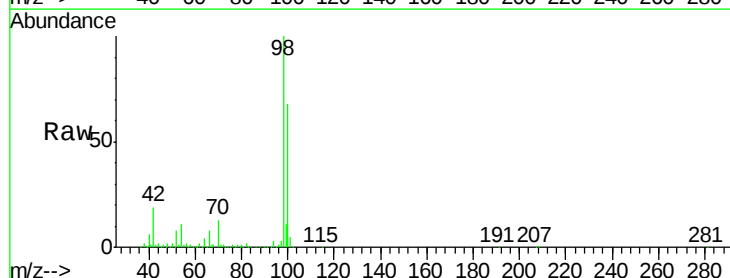
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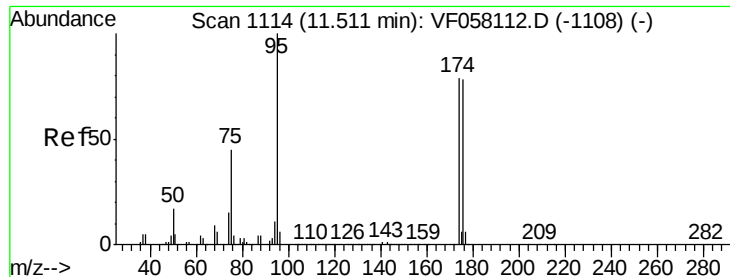
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#50
Toluene-d8
Concen: 45.79 ug/l
RT: 7.71 min Scan# 728
Delta R.T. 0.00 min
Lab File: VF059243.D
Acq: 20 Jun 2018 23:18

Tgt Ion	Ratio	Resp	Lower	Upper
98	100	311500		
100	68.3	55.6	83.4	





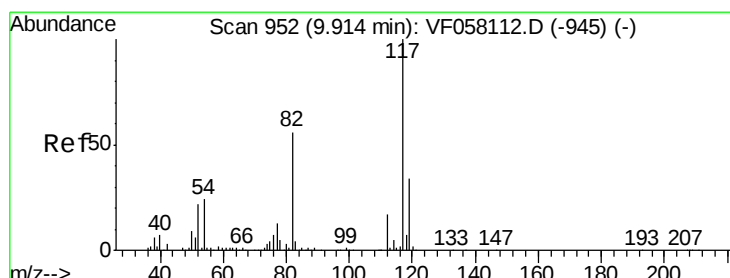
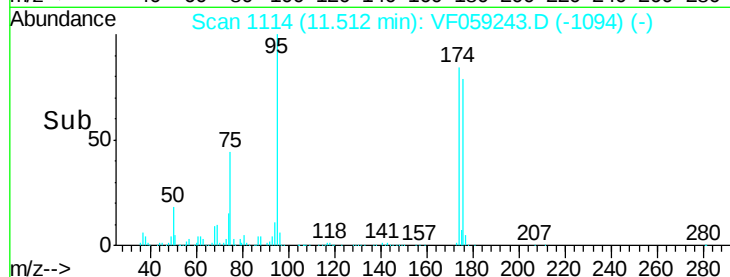
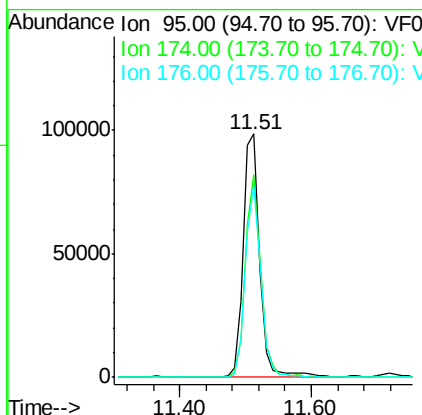
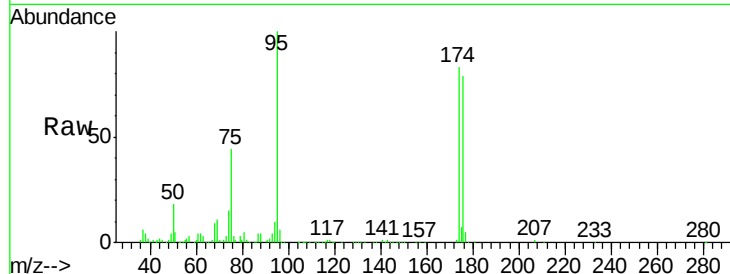
#62
4-Bromofluorobenzene
Concen: 50.07 ug/l
RT: 11.51 min Scan# 1114
Delta R.T. 0.00 min
Lab File: VF059243.D
Acq: 20 Jun 2018 23:18

Instrument :
MSVOA_F
ClientSampleId :
TP-1-SRE

Tot Ion	Ratio	Resp	Lower	Upper
95	100	174700		
174	83.4	0.0	157.8	
176	79.0	0.0	155.8	

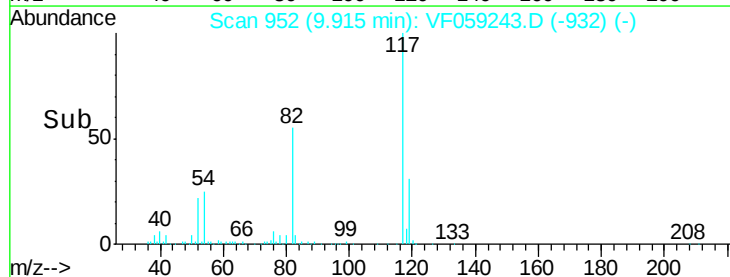
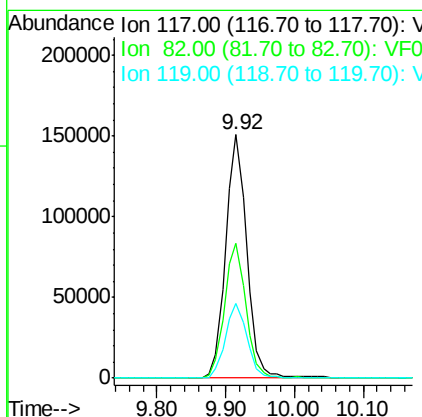
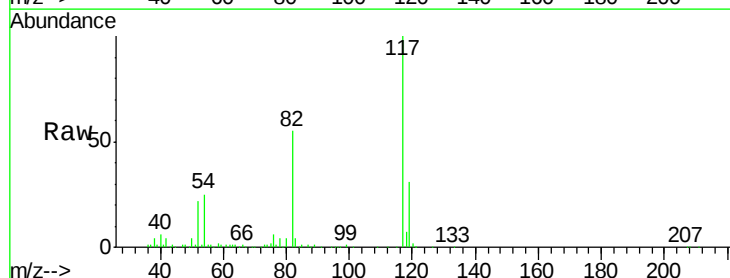
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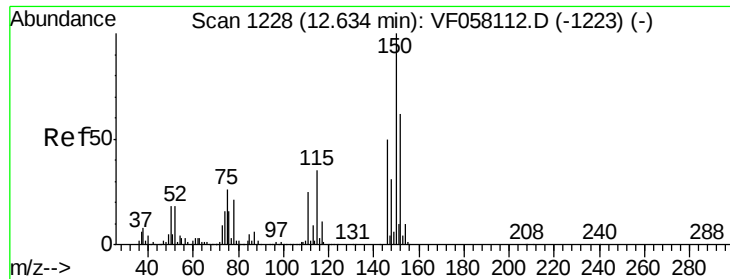
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#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.92 min Scan# 952
Delta R.T. 0.00 min
Lab File: VF059243.D
Acq: 20 Jun 2018 23:18

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	320285		
82	55.3	45.2	67.8	
119	30.7	27.5	41.3	





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.64 min Scan# 1228

Delta R.T. 0.00 min

Lab File: VF059243.D

Acq: 20 Jun 2018 23:18

Instrument :

MSVOA_F

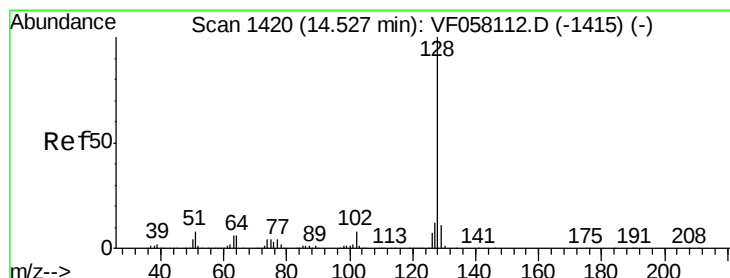
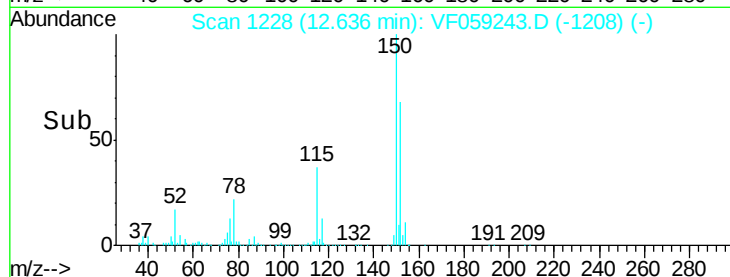
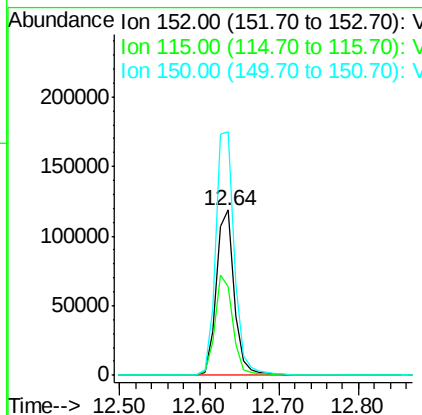
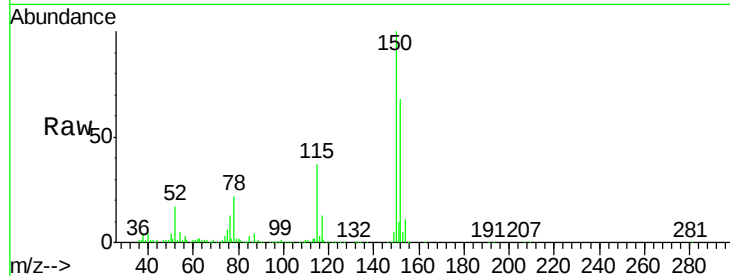
ClientSampleId :

TP-1-SRE

Tot Ion	Ratio	Lower	Upper
152	100		
115	53.9	28.5	85.5
150	147.4	0.0	323.8

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#95

Naphthalene

Concen: 1.17 ug/l m

RT: 14.53 min Scan# 1420

Delta R.T. 0.00 min

Lab File: VF059243.D

Acq: 20 Jun 2018 23:18

Tgt Ion	Ratio	Lower	Upper
128	100		
127	15.0	9.9	14.9#
129	19.7	8.7	13.1#

