

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF062718\
 Data File : VF059345.D
 Acq On : 27 Jun 2018 18:05
 Operator : VA/AP
 Sample : J3677-05
 Misc : 5.04g/5mL/MSVOA-F/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 93-95-B3(0-2.5)

Manual Integrations
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 6/28/2018 11:09:58 AM

Quant Time: Jun 28 02:12:09 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F062518S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 26 08:45:17 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.03	168	190996	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.75	114	315253	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.90	117	283518	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.62	152	164841	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.01	65	123707	50.13	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.26%	
35) Dibromofluoromethane	4.27	113	116550	50.60	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	101.20%	
50) Toluene-d8	7.70	98	245824	43.10	ug/l	0.00
Spiked Amount 50.000			Recovery	=	86.20%	
62) 4-Bromofluorobenzene	11.50	95	133953	41.64	ug/l	0.00
Spiked Amount 50.000			Recovery	=	83.28%	
Target Compounds						
20) Methylene Chloride	2.26	84	13193m	2.52	ug/l	Qvalue

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

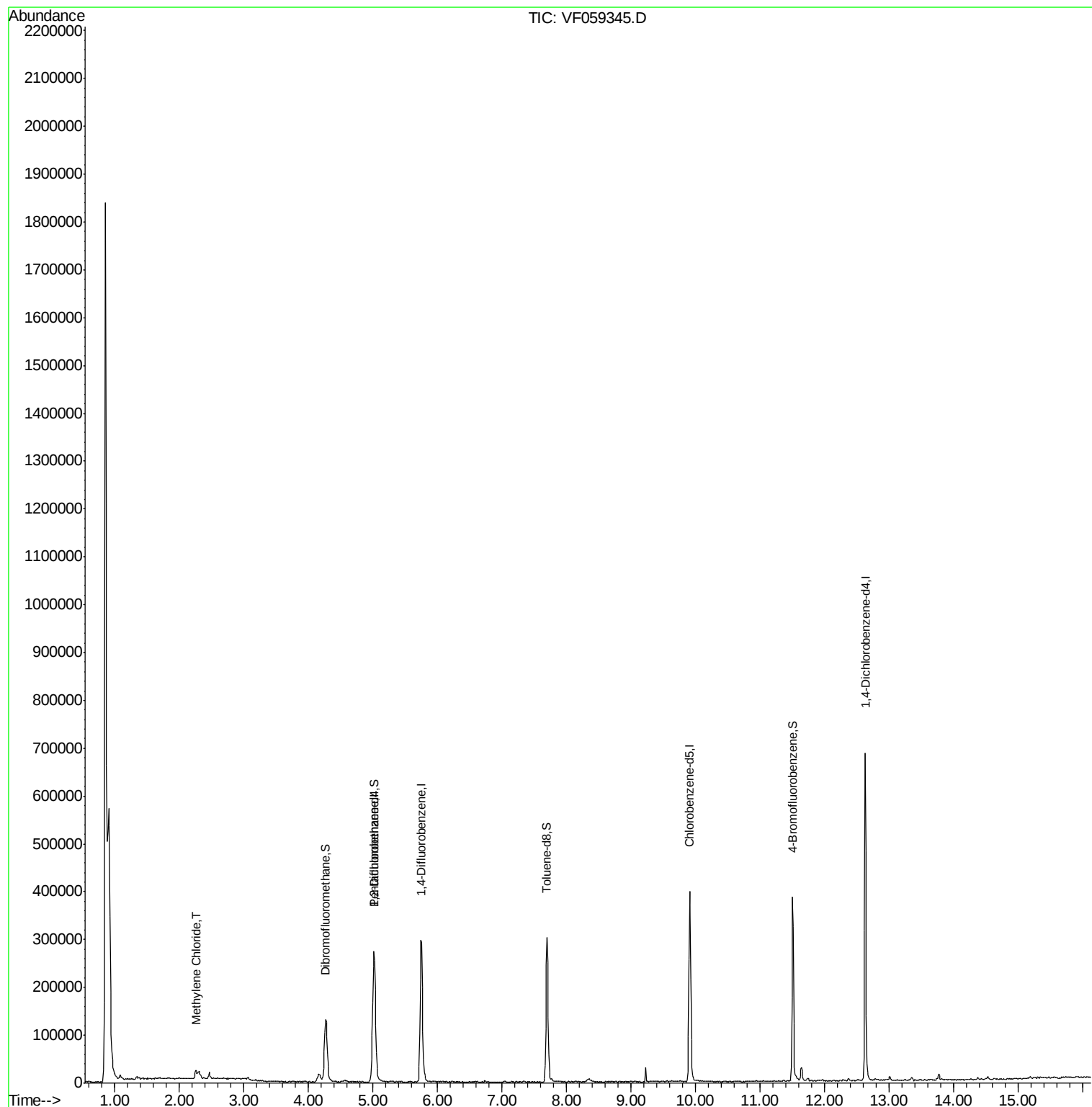
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF062718\
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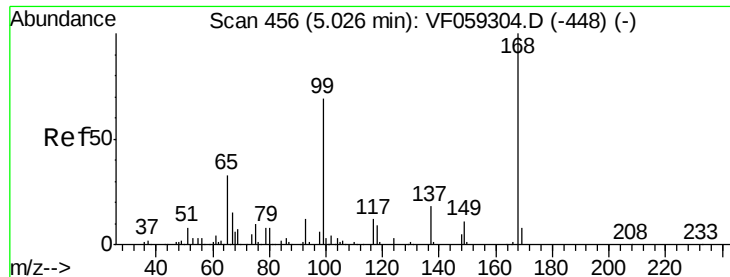
Instrument :
MSVOA_F
ClientSampleId :
93-95-B3(0-2.5)

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Quant Time: Jun 28 02:12:09 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_F\METHODS\82F062518S.M
Quant Title : SW846 8260
QLast Update : Tue Jun 26 08:45:17 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.03 min Scan# 456

Delta R.T. -0.00 min

Lab File: VF059345.D

Acq: 27 Jun 2018 18:05

Instrument :

MSVOA_F

ClientSampleId :

93-95-B3(0-2.5)

Tot Ion:168 Resp: 190996

Ion Ratio Lower Upper

168 100

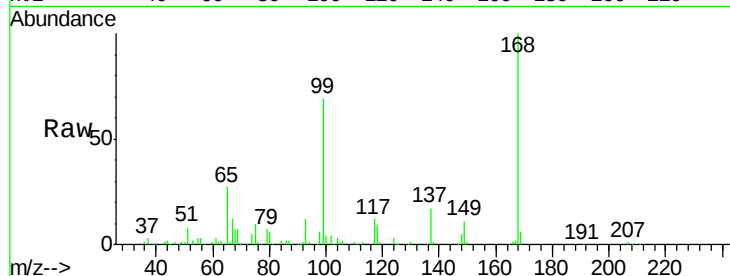
99 68.5 54.9 82.3

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Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

5.03

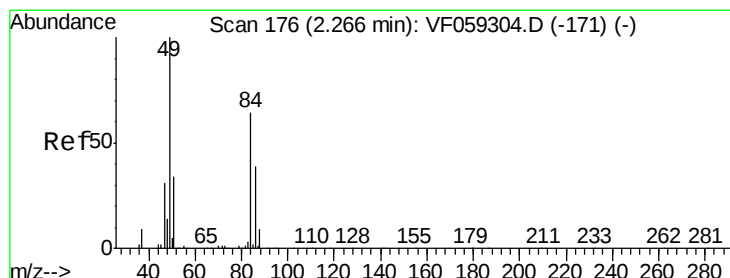
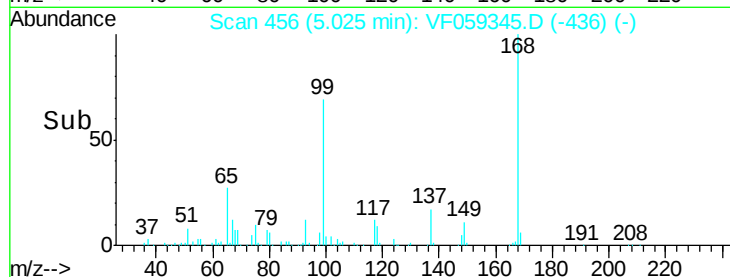
60000

40000

20000

0

Time-->



#20

Methylene Chloride

Concen: 2.52 ug/l m

RT: 2.26 min Scan# 175

Delta R.T. -0.01 min

Lab File: VF059345.D

Acq: 27 Jun 2018 18:05

Tgt Ion: 84 Resp: 13193

Ion Ratio Lower Upper

84 100

49 144.1 126.5 189.7

51 42.6 42.9 64.3#

86 60.5 48.6 73.0

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

8000

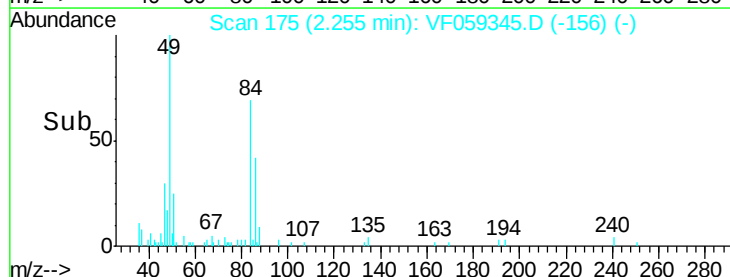
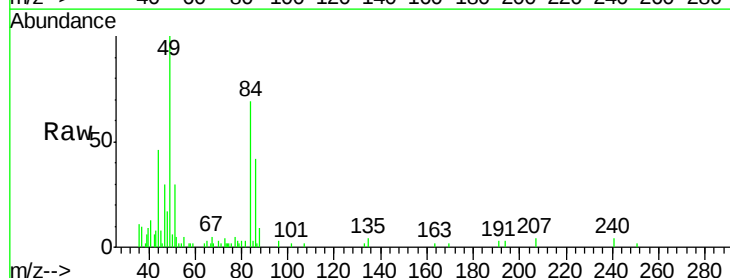
6000

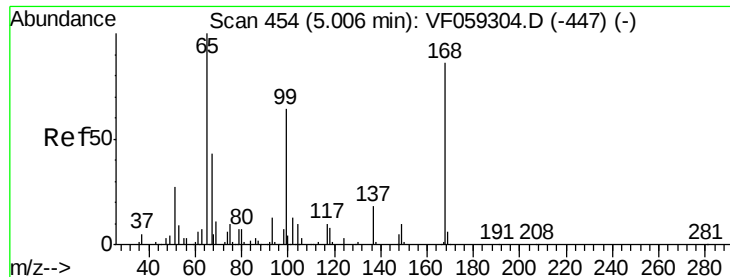
4000

2000

0

Time-->





#33

1,2-Dichloroethane-d4

Concen: 50.13 ug/l

RT: 5.01 min Scan# 454

Delta R.T. -0.00 min

Lab File: VF059345.D

Acq: 27 Jun 2018 18:05

Instrument :

MSVOA_F

ClientSampleId :

93-95-B3(0-2.5)

Tot Ion: 65 Resp: 123707

Ion Ratio Lower Upper

65 100

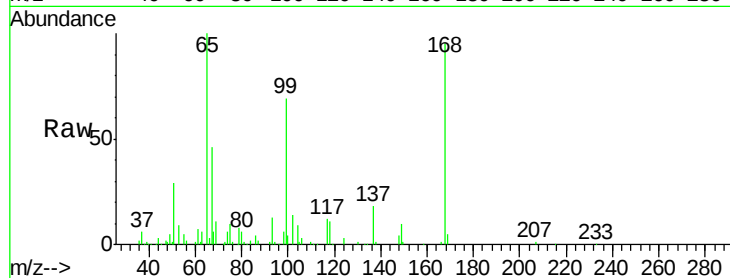
67 46.2 0.0 96.8

Manual Integrations

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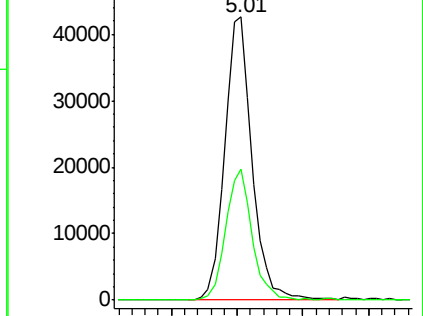
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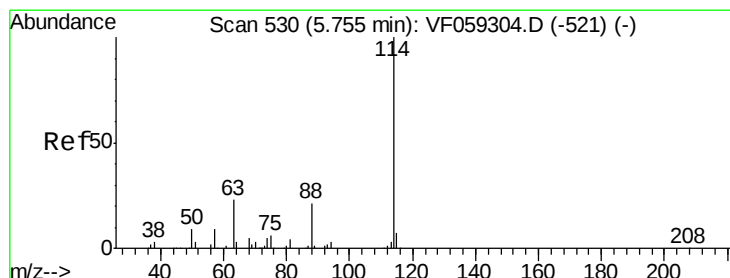
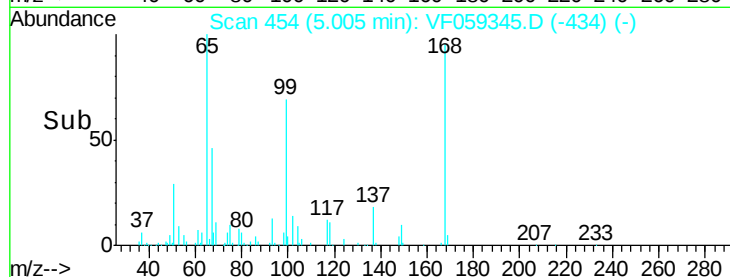


Abundance Ion 65.00 (64.70 to 65.70): VF0

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. -0.00 min

Lab File: VF059345.D

Acq: 27 Jun 2018 18:05

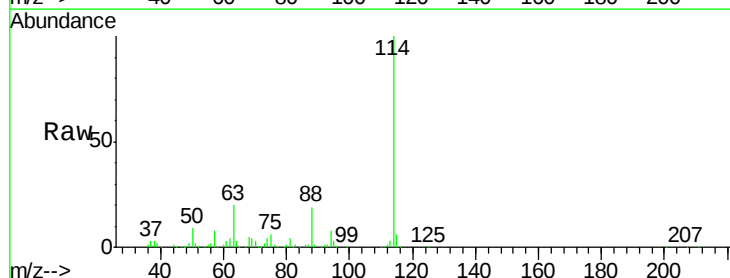
Tgt Ion:114 Resp: 315253

Ion Ratio Lower Upper

114 100

63 20.0 0.0 45.8

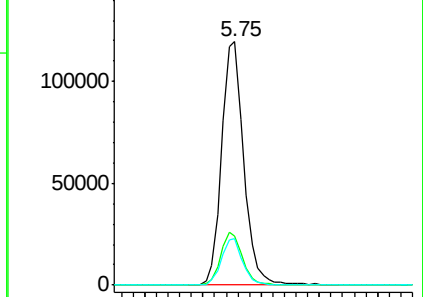
88 18.9 0.0 41.2



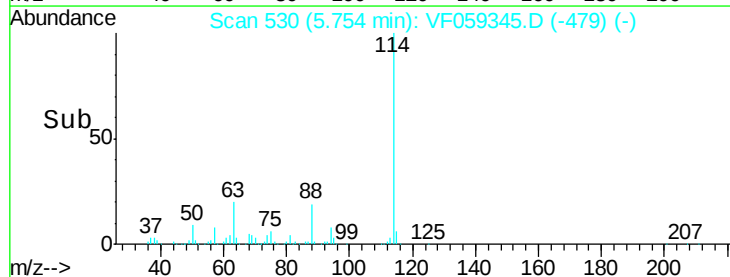
Abundance Ion 114.00 (113.70 to 114.70): V

Ion 63.00 (62.70 to 63.70): VF0

Ion 88.00 (87.70 to 88.70): VF0



Time-->





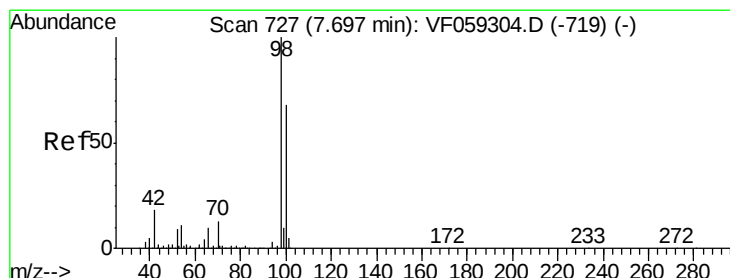
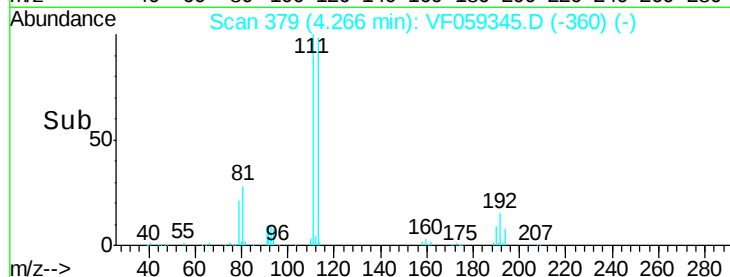
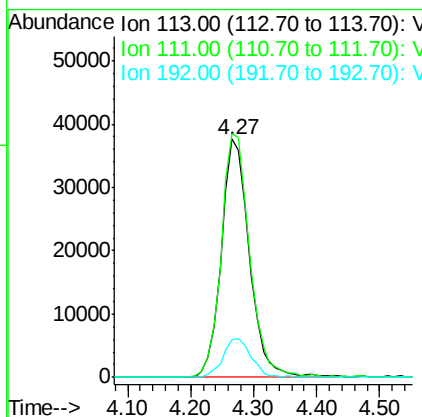
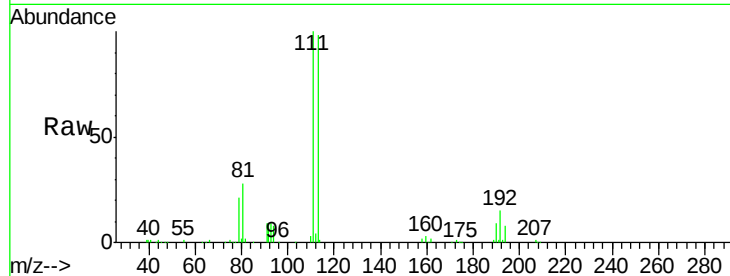
#35
Dibromofluoromethane
Concen: 50.60 ug/l
RT: 4.27 min Scan# 379
Delta R.T. -0.01 min
Lab File: VF059345.D
Acq: 27 Jun 2018 18:05

Instrument :
MSVOA_F
ClientSampleId :
93-95-B3(0-2.5)

Tot Ion	Ratio	Lower	Upper
113	100		
111	102.3	82.1	123.1
192	15.7	13.0	19.6

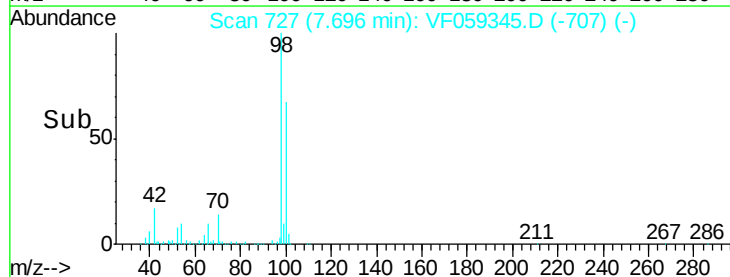
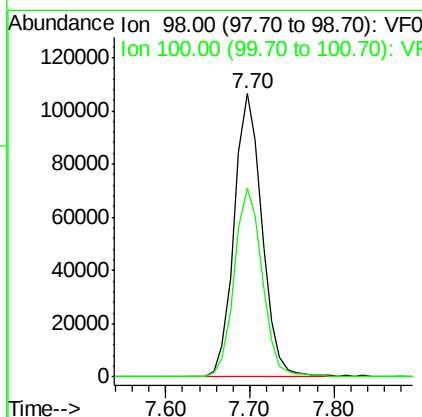
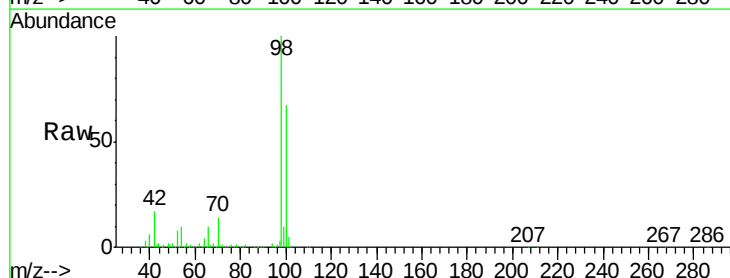
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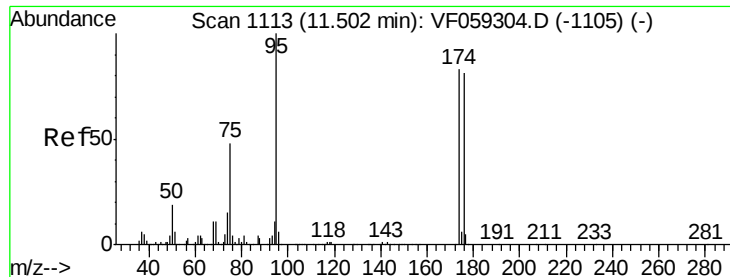
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#50
Toluene-d8
Concen: 43.10 ug/l
RT: 7.70 min Scan# 727
Delta R.T. -0.00 min
Lab File: VF059345.D
Acq: 27 Jun 2018 18:05

Tgt Ion	Ratio	Lower	Upper
98	100		
100	66.5	54.6	82.0





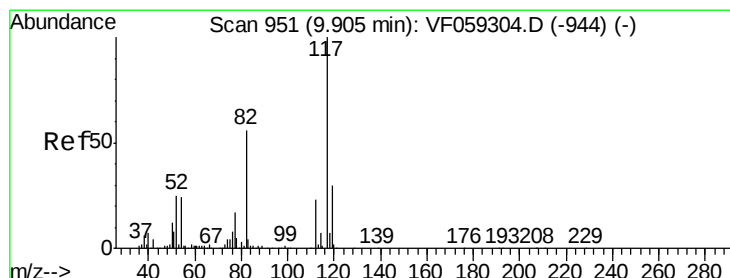
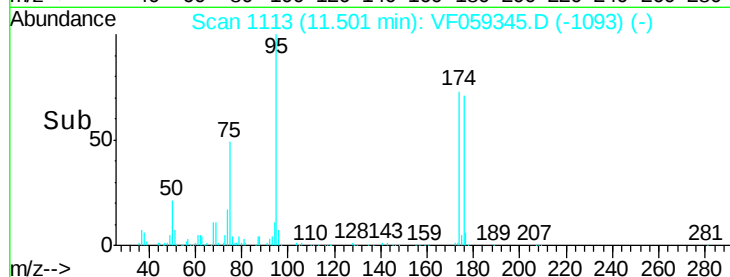
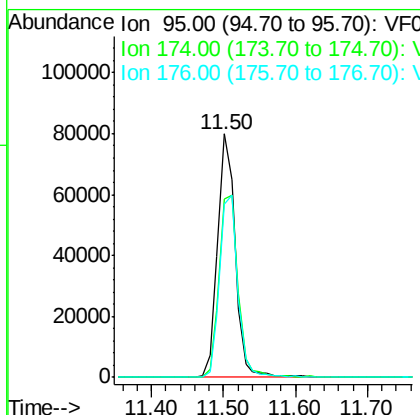
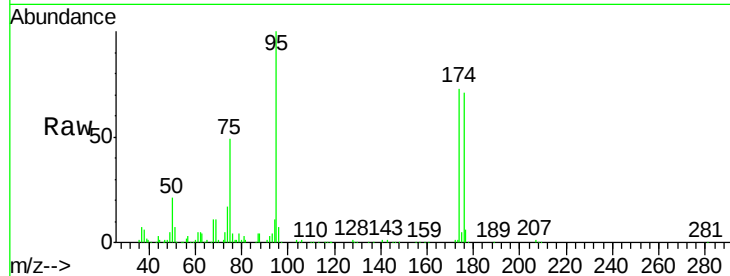
#62
4-Bromofluorobenzene
Concen: 41.64 ug/l
RT: 11.50 min Scan# 1113
Delta R.T. -0.00 min
Lab File: VF059345.D
Acq: 27 Jun 2018 18:05

Instrument :
MSVOA_F
ClientSampleId :
93-95-B3(0-2.5)

Tot Ion	Ratio	Resp	Lower	Upper
95	100	133953		
174	73.1	0.0	165.2	
176	70.9	0.0	161.0	

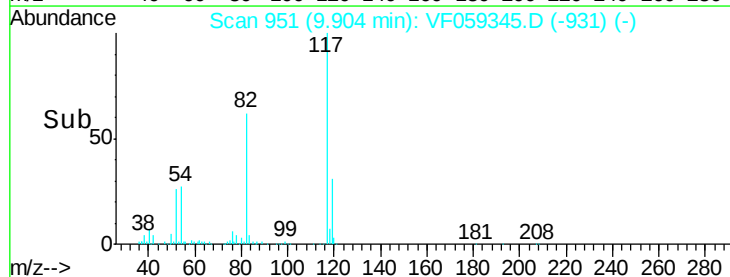
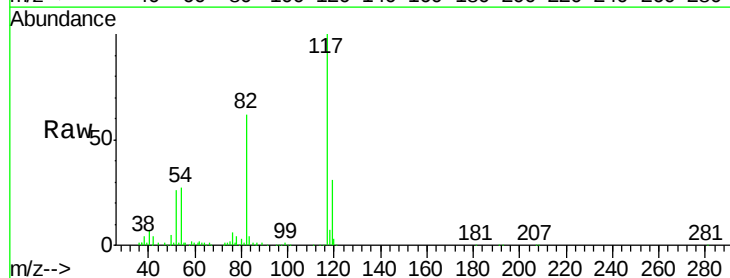
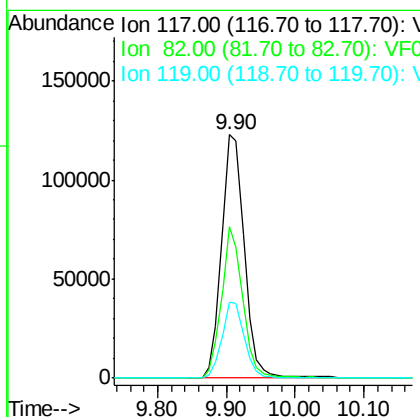
Manual Integrations
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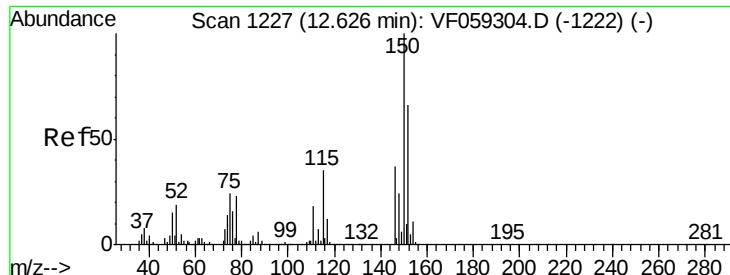
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#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.90 min Scan# 951
Delta R.T. -0.00 min
Lab File: VF059345.D
Acq: 27 Jun 2018 18:05

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	283518		
82	62.2	44.6	66.8	
119	31.4	24.1	36.1	





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.62 min Scan# 1227

Delta R.T. -0.00 min

Lab File: VF059345.D

Acq: 27 Jun 2018 18:05

Instrument :

MSVOA_F

ClientSampleId :

93-95-B3(0-2.5)

Tot Ion:152 Resp: 164841

Ion Ratio Lower Upper

152 100

115 61.1 27.1 81.3

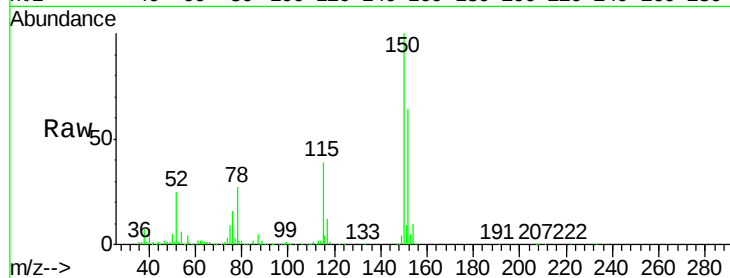
150 155.5 0.0 305.2

Manual Integrations

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Abundance Ion 152.00 (151.70 to 152.70): V

Ion 115.00 (114.70 to 115.70): V

Ion 150.00 (149.70 to 150.70): V

