

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF061918\
 Data File : VF059198.D
 Acq On : 19 Jun 2018 19:38
 Operator : VA/AP
 Sample : J3554-01RE
 Misc : 6.08g/5mL/MSVOA-F/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 A-1(2.0)RE

Manual Integrations
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 6/20/2018 10:19:50 AM

Quant Time: Jun 20 04:46:50 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	235594	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.75	114	366040	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.91	117	345689	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.62	152	206342	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.02	65	191002	66.85	ug/l	0.00
Spiked Amount 50.000			Recovery	=	133.70%	
35) Dibromofluoromethane	4.29	113	155134	60.40	ug/l	0.00
Spiked Amount 50.000			Recovery	=	120.80%	
50) Toluene-d8	7.70	98	362870	48.09	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.18%	
62) 4-Bromofluorobenzene	11.50	95	197376	51.00	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.00%	
Target Compounds						
20) Methylene Chloride	2.31	84	5640m	3.45	ug/l	Qvalue

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

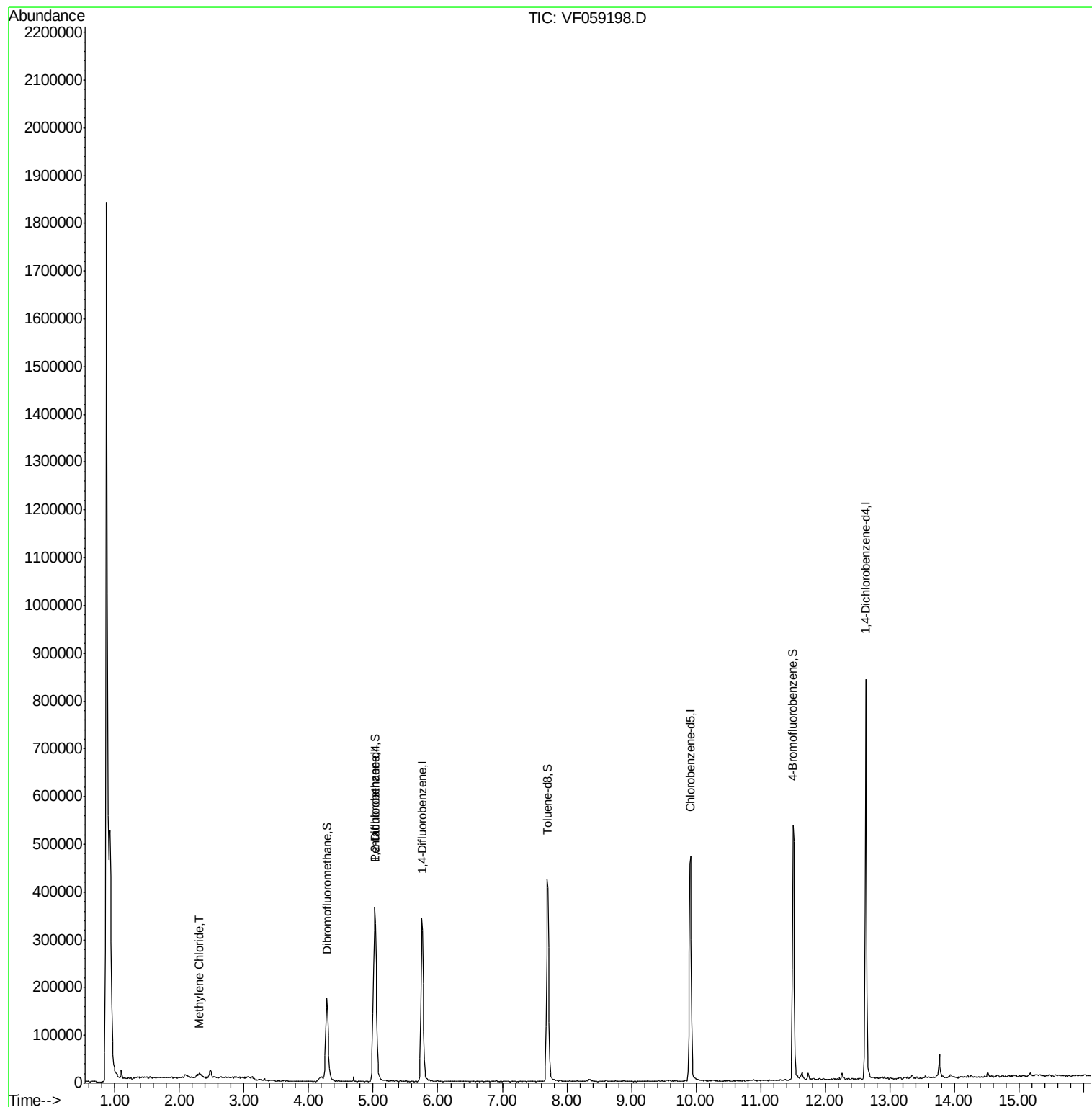
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF061918\
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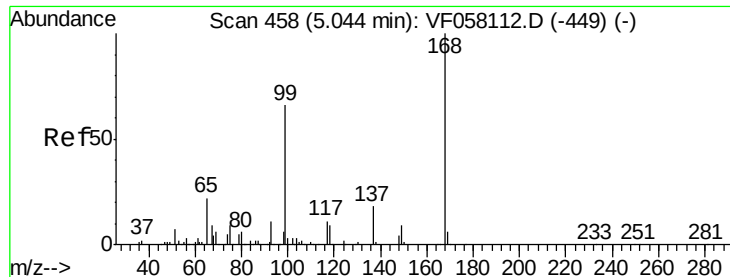
Instrument :
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A-1(2.0)RE

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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: VF059198.D

Acq: 19 Jun 2018 19:38

Instrument :

MSVOA_F

ClientSampleId :

A-1(2.0)RE

Tot Ion:168 Resp: 23594

Ion Ratio Lower Upper

168 100

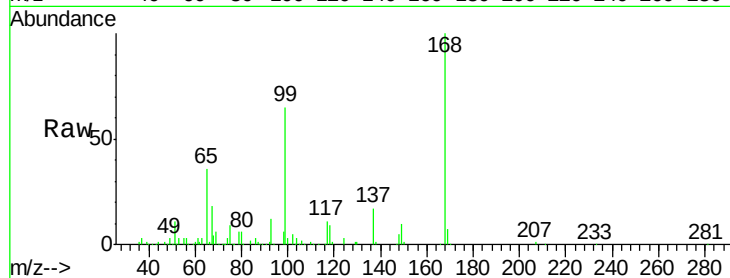
99 65.5 52.9 79.3

Manual Integrations

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Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

80000

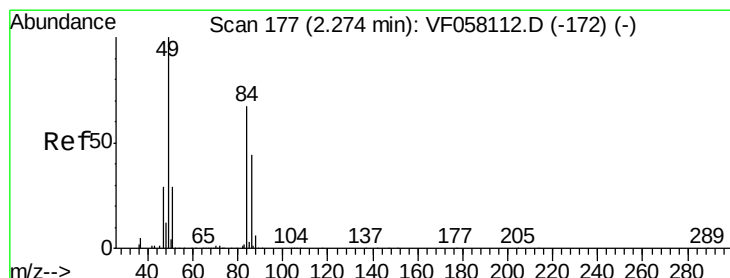
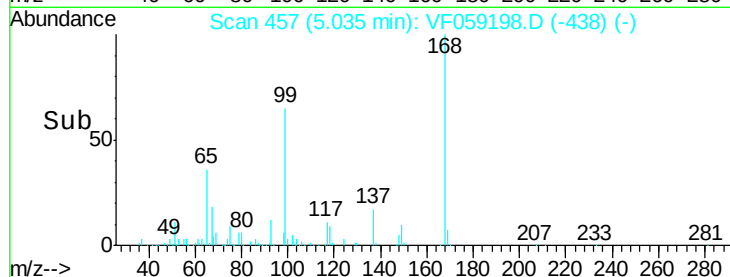
60000

40000

20000

0

Time-->



#20

Methylene Chloride

Concen: 3.45 ug/l m

RT: 2.31 min Scan# 181

Delta R.T. 0.04 min

Lab File: VF059198.D

Acq: 19 Jun 2018 19:38

Tgt Ion: 84 Resp: 5640

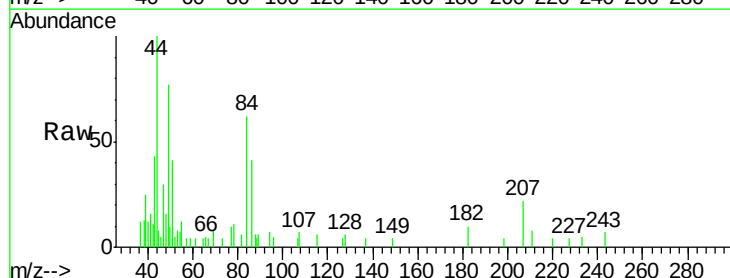
Ion Ratio Lower Upper

84 100

49 122.9 121.0 181.4

51 65.2 35.8 53.6#

86 66.0 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

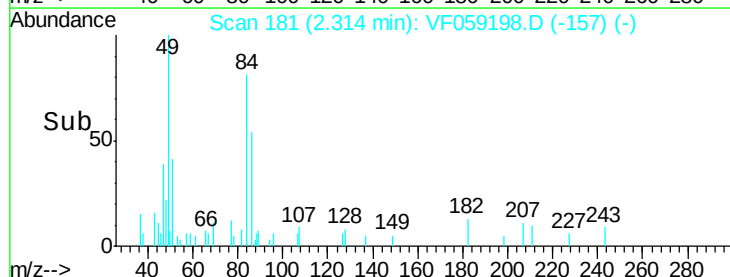
1500

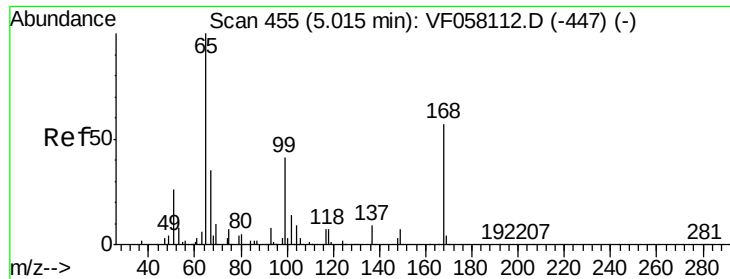
1000

500

0

Time-->





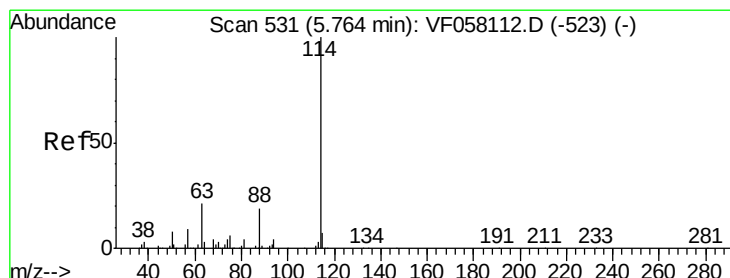
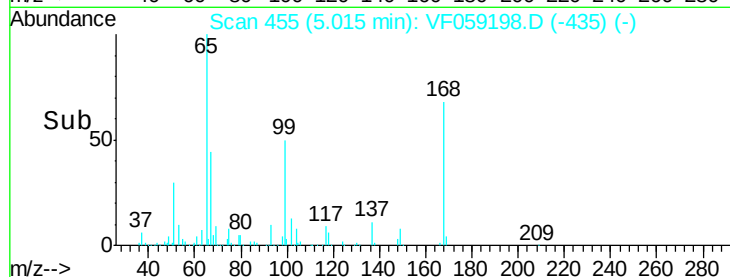
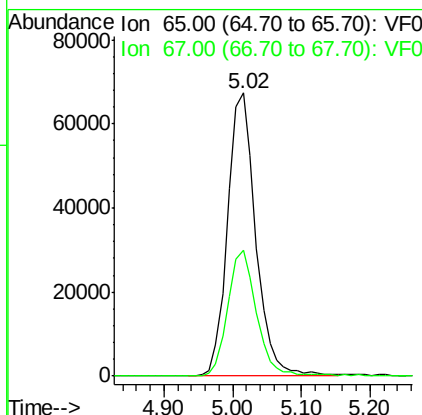
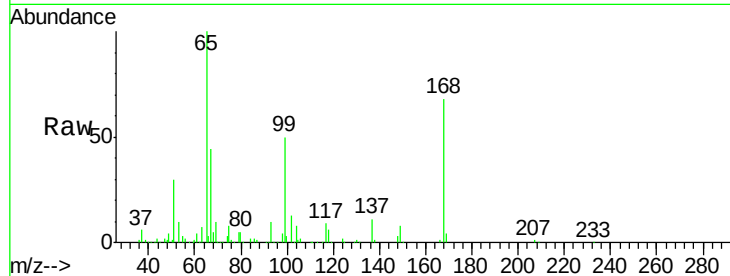
#33
 1,2-Dichloroethane-d4
 Concen: 66.85 ug/l
 RT: 5.02 min Scan# 455
 Delta R.T. 0.00 min
 Lab File: VF059198.D
 Acq: 19 Jun 2018 19:38

Instrument :
 MSVOA_F
 ClientSampleId :
 A-1(2.0)RE

Tot Ion	Ratio	Resp	Lower	Upper
65	100	191002		
67	44.3	0.0	97.0	

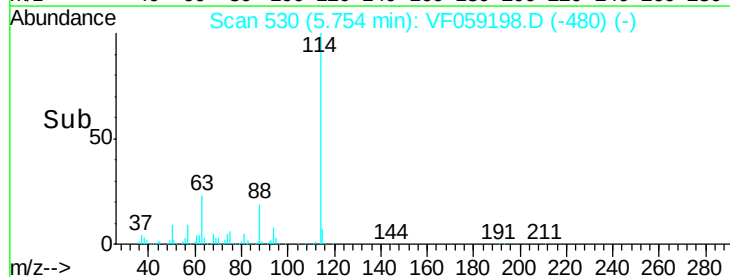
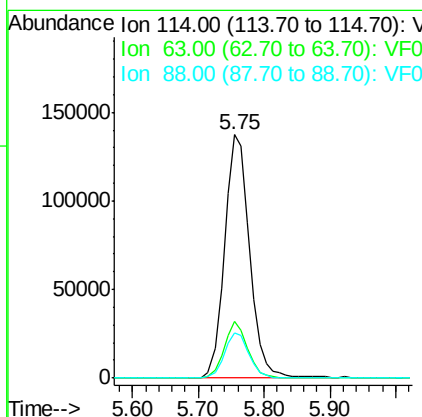
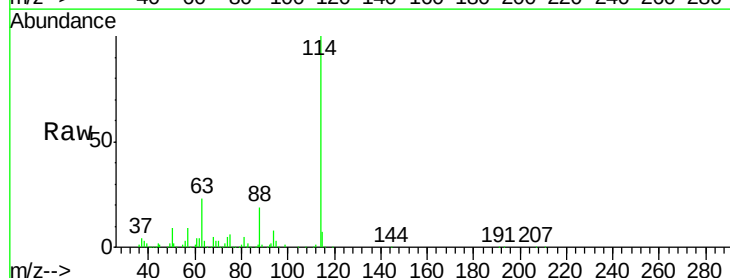
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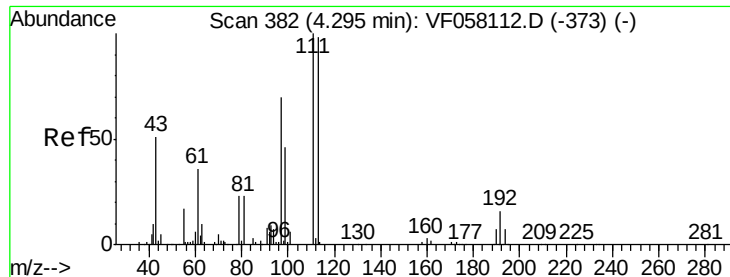
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#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 5.75 min Scan# 530
 Delta R.T. -0.01 min
 Lab File: VF059198.D
 Acq: 19 Jun 2018 19:38

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	366040		
63	23.1	0.0	41.6	
88	18.8	0.0	38.8	





#35

Dibromofluoromethane

Concen: 60.40 ug/l

RT: 4.29 min Scan# 381

Delta R.T. -0.01 min

Lab File: VF059198.D

Acq: 19 Jun 2018 19:38

Instrument :

MSVOA_F

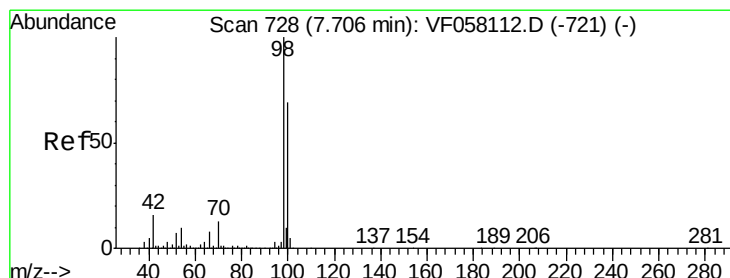
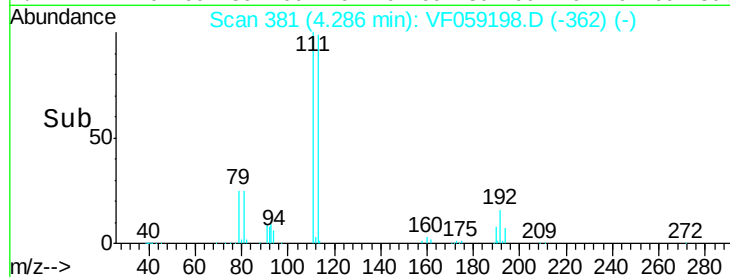
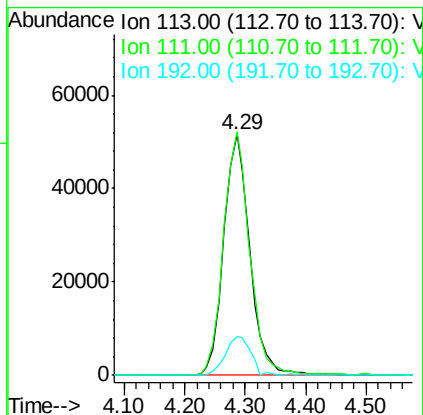
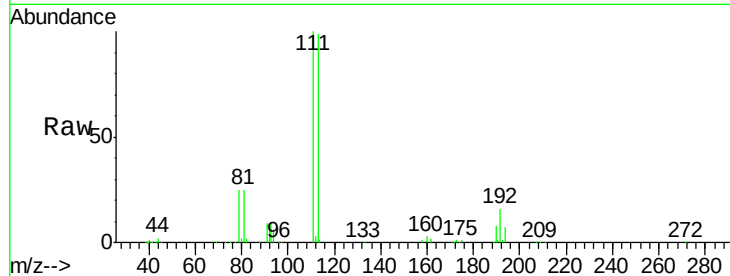
ClientSampleId :

A-1(2.0)RE

Tot Ion:	113	Resp:	155134
Ion Ratio	Lower	Upper	
113	100		
111	101.2	81.3	121.9
192	15.9	12.7	19.1

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#50

Toluene-d8

Concen: 48.09 ug/l

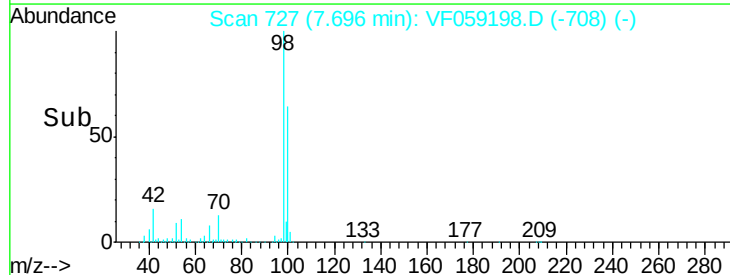
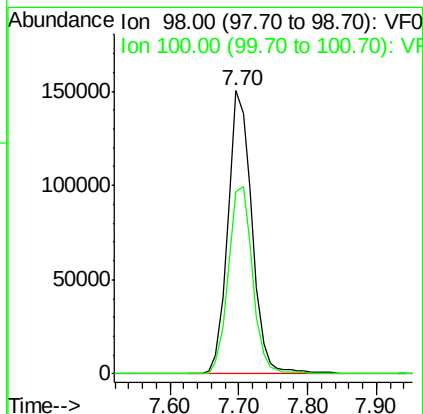
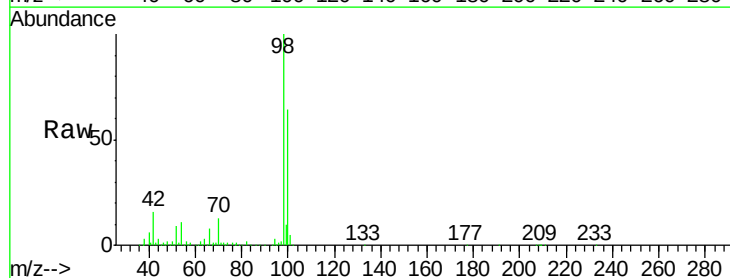
RT: 7.70 min Scan# 727

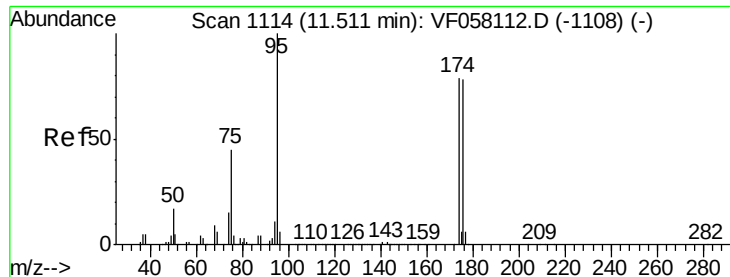
Delta R.T. -0.01 min

Lab File: VF059198.D

Acq: 19 Jun 2018 19:38

Tgt Ion:	98	Resp:	362870
Ion Ratio	Lower	Upper	
98	100		
100	64.4	55.6	83.4





#62

4-Bromofluorobenzene

Concen: 51.00 ug/l

RT: 11.50 min Scan# 1113

Delta R.T. -0.01 min

Lab File: VF059198.D

Acq: 19 Jun 2018 19:38

Instrument :

MSVOA_F

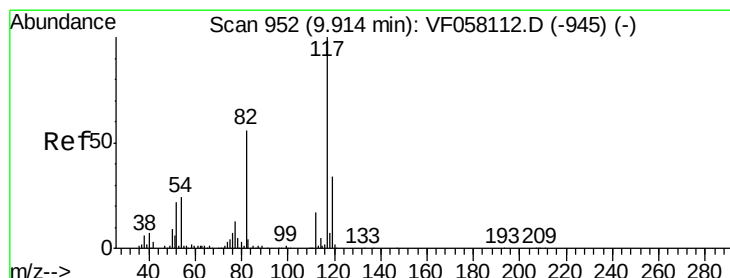
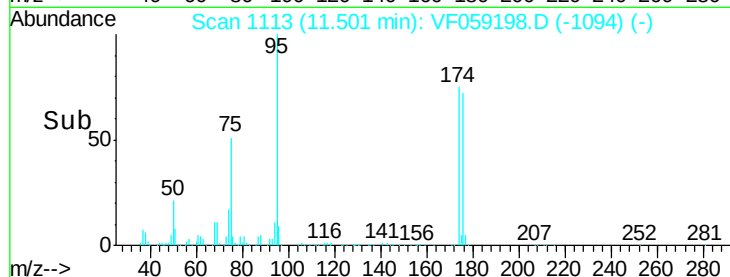
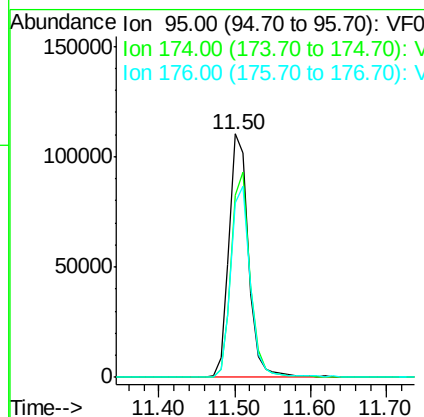
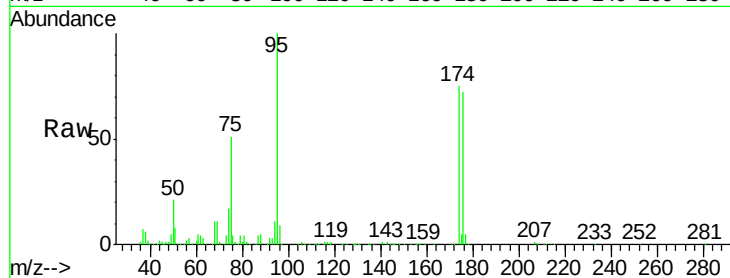
ClientSampleId :

A-1(2.0)RE

Tot Ion:	95	Resp:	197376
Ion Ratio	Lower	Upper	
95	100		
174	74.7	0.0	157.8
176	71.8	0.0	155.8

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#63

Chlorobenzene-d5

Concen: 50.00 ug/l

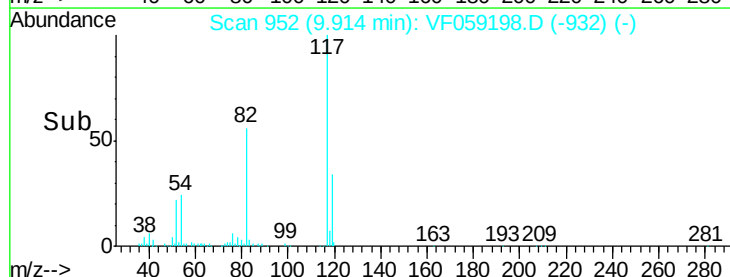
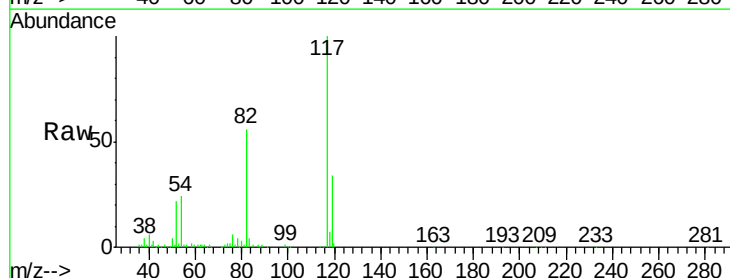
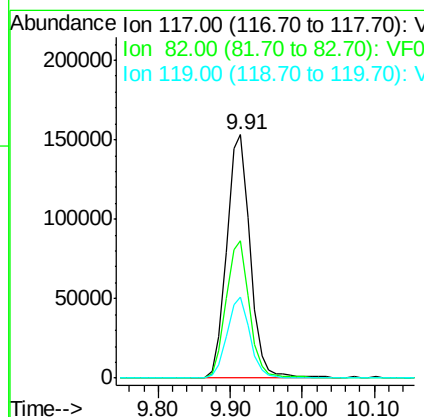
RT: 9.91 min Scan# 952

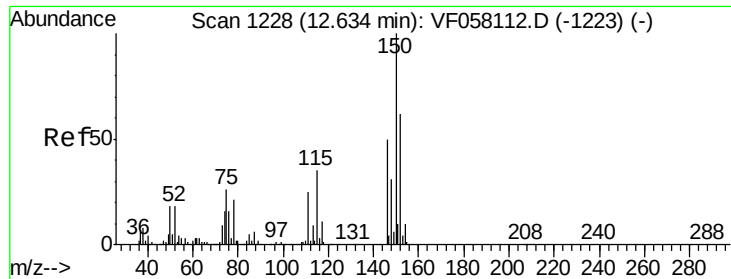
Delta R.T. 0.00 min

Lab File: VF059198.D

Acq: 19 Jun 2018 19:38

Tgt Ion:	117	Resp:	345689
Ion Ratio	Lower	Upper	
117	100		
82	56.3	45.2	67.8
119	33.5	27.5	41.3





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.62 min Scan# 1227

Delta R.T. -0.01 min

Lab File: VF059198.D

Acq: 19 Jun 2018 19:38

Instrument :

MSVOA_F

ClientSampleId :

A-1(2.0)RE

Tot Ion	Ratio	Resp	Lower	Upper
152	100	206342		
115	64.7	28.5	85.5	
150	159.6	0.0	323.8	

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