

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF061918\
 Data File : VF059197.D
 Acq On : 19 Jun 2018 19:10
 Operator : VA/AP
 Sample : J3554-02
 Misc : 6.88g/5mL/MSVOA-F/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 A-1(6.0)

Manual Integrations
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 6/20/2018 10:19:41 AM

Quant Time: Jun 20 04:42:55 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	246831	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	5.76	114	382337	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.91	117	366090	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.63	152	204618	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.01	65	175070	58.48	ug/l	0.00
Spiked Amount 50.000			Recovery	=	116.96%	
35) Dibromofluoromethane	4.28	113	160624	59.87	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	119.74%	
50) Toluene-d8	7.70	98	377456	47.89	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.78%	
62) 4-Bromofluorobenzene	11.51	95	200605	49.63	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.26%	
Target Compounds						
20) Methylene Chloride	2.32	84	7855m	4.59	ug/l	Qvalue

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

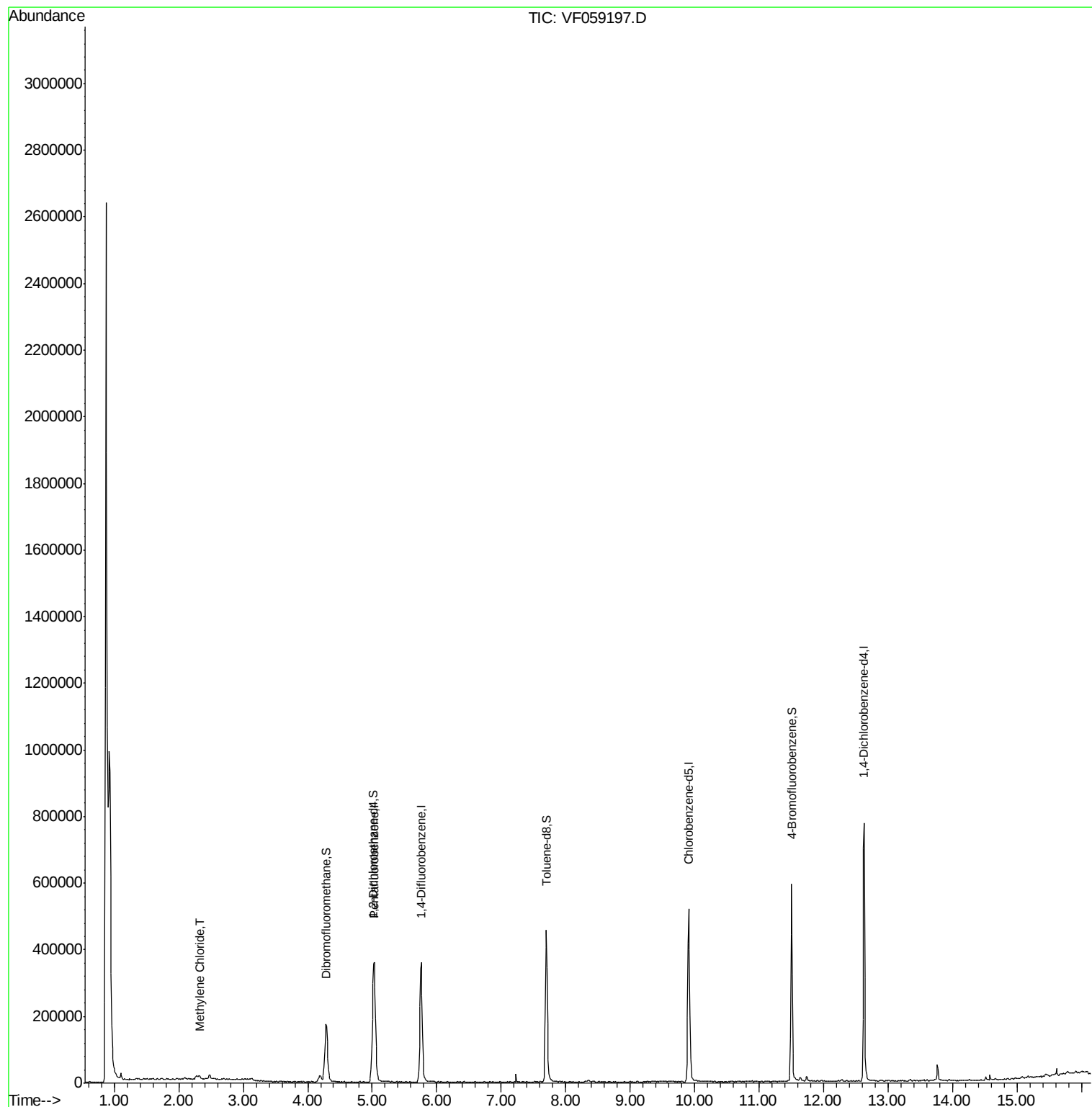
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF061918\
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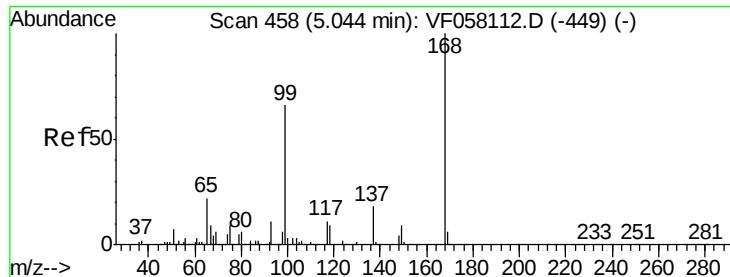
Instrument :
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Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.03 min Scan# 456

Delta R.T. -0.01 min

Lab File: VF059197.D

Acq: 19 Jun 2018 19:10

Instrument :

MSVOA_F

ClientSampleId :

A-1(6.0)

Tot Ion:168 Resp: 246831

Ion Ratio Lower Upper

168 100

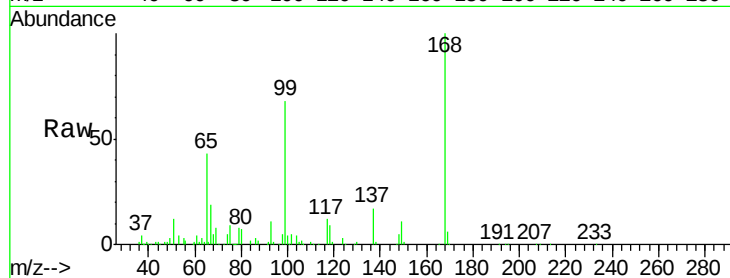
99 67.7 52.9 79.3

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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

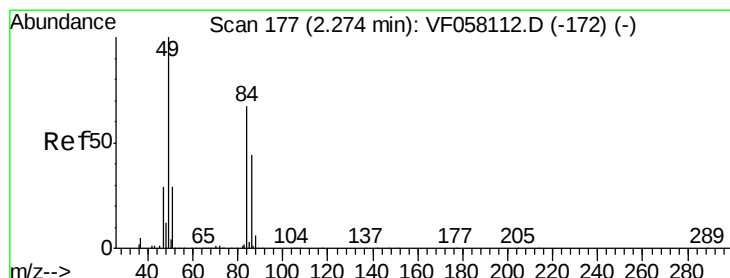
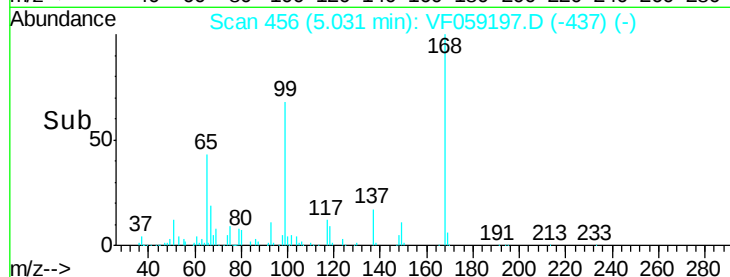
60000

40000

20000

0

Time-->



#20

Methylene Chloride

Concen: 4.59 ug/l m

RT: 2.32 min Scan# 181

Delta R.T. 0.05 min

Lab File: VF059197.D

Acq: 19 Jun 2018 19:10

Tgt Ion: 84 Resp: 7855

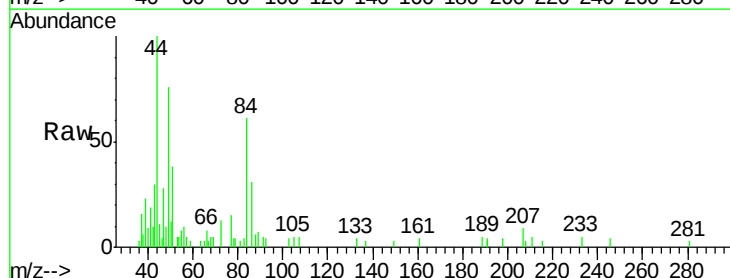
Ion Ratio Lower Upper

84 100

49 123.7 121.0 181.4

51 62.4 35.8 53.6#

86 50.4 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

5000

4000

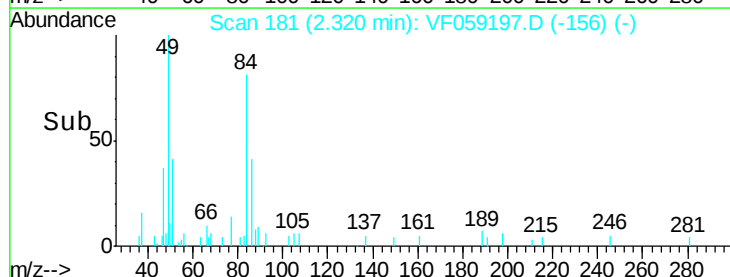
3000

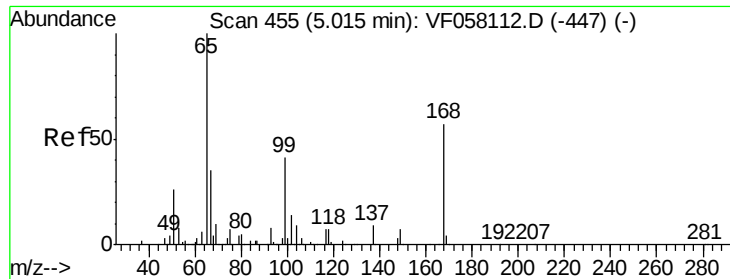
2000

1000

0

Time-->





#33

1,2-Dichloroethane-d4

Concen: 58.48 ug/l

RT: 5.01 min Scan# 454

Delta R.T. -0.00 min

Lab File: VF059197.D

Acq: 19 Jun 2018 19:10

Tot Ion: 65 Resp: 175070

Ion Ratio Lower Upper

65 100

67 49.2 0.0 97.0

Instrument :

MSVOA_F

ClientSampled :

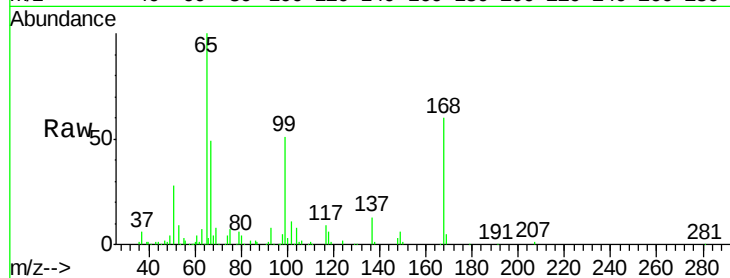
A-1(6.0)

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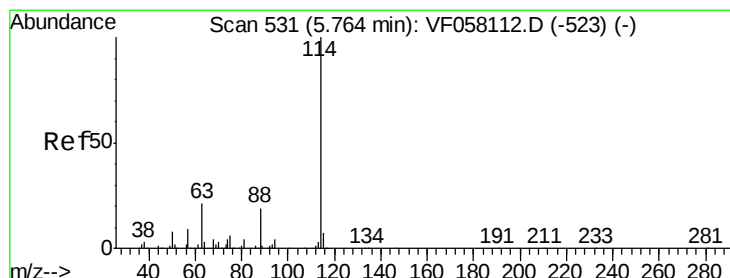
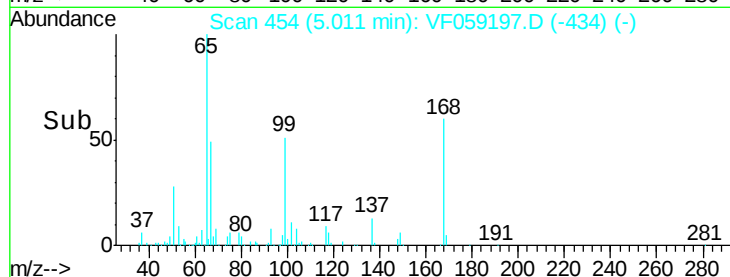
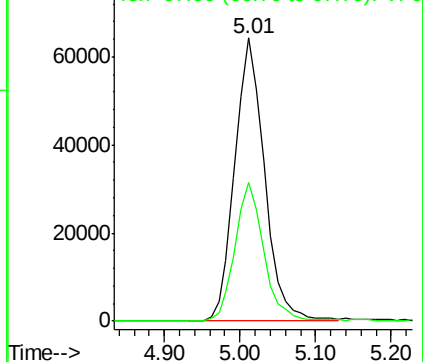
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Abundance Ion 65.00 (64.70 to 65.70): VF0

Ion 67.00 (66.70 to 67.70): VF0



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 5.76 min Scan# 530

Delta R.T. -0.00 min

Lab File: VF059197.D

Acq: 19 Jun 2018 19:10

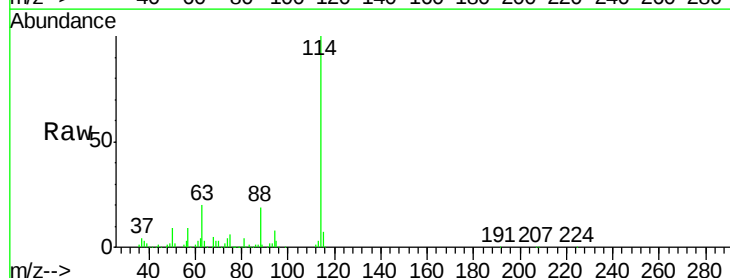
Tgt Ion: 114 Resp: 382337

Ion Ratio Lower Upper

114 100

63 20.3 0.0 41.6

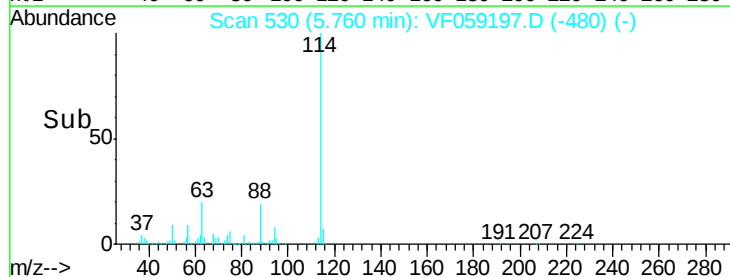
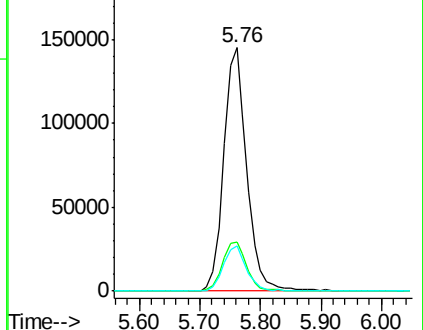
88 18.8 0.0 38.8

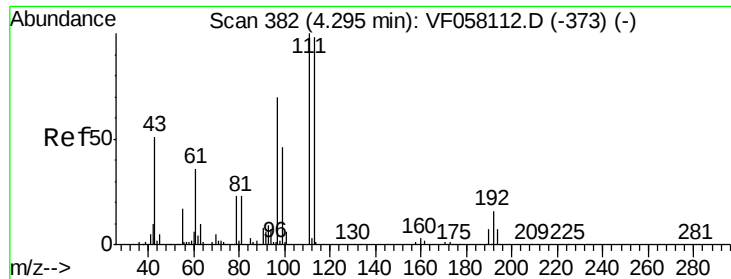


Abundance Ion 114.00 (113.70 to 114.70): V

Ion 63.00 (62.70 to 63.70): VF0

Ion 88.00 (87.70 to 88.70): VF0





#35

Dibromofluoromethane

Concen: 59.87 ug/l

RT: 4.28 min Scan# 380

Delta R.T. -0.01 min

Lab File: VF059197.D

Acq: 19 Jun 2018 19:10

Instrument :

MSVOA_F

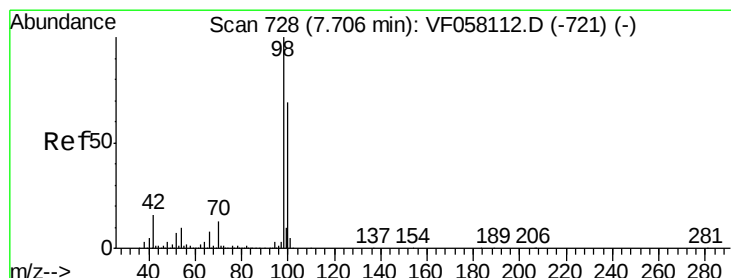
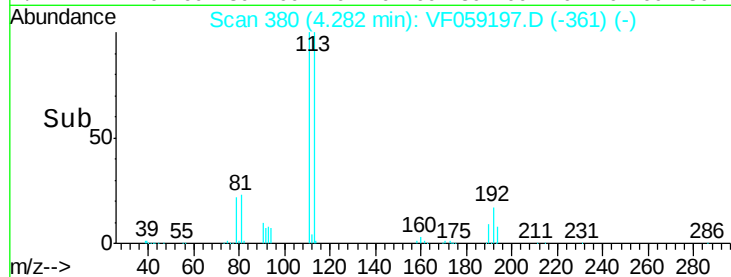
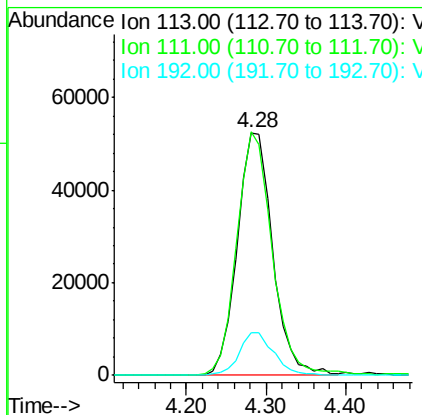
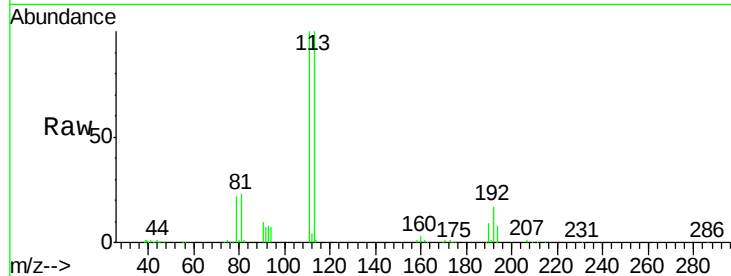
ClientSampleId :

A-1(6.0)

Tot Ion:	113	Resp:	160624
Ion Ratio	Lower	Upper	
113	100		
111	100.4	81.3	121.9
192	17.5	12.7	19.1

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#50

Toluene-d8

Concen: 47.89 ug/l

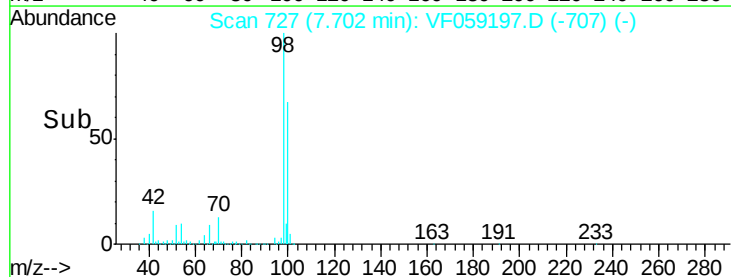
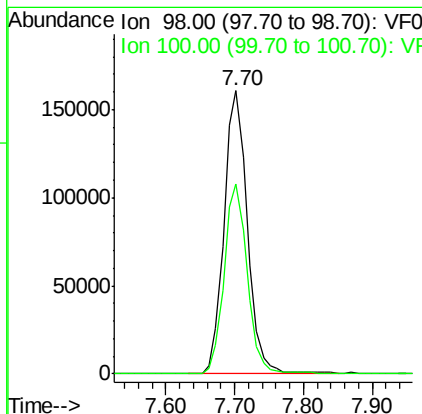
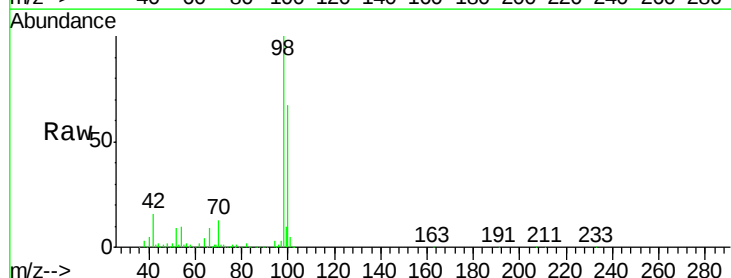
RT: 7.70 min Scan# 727

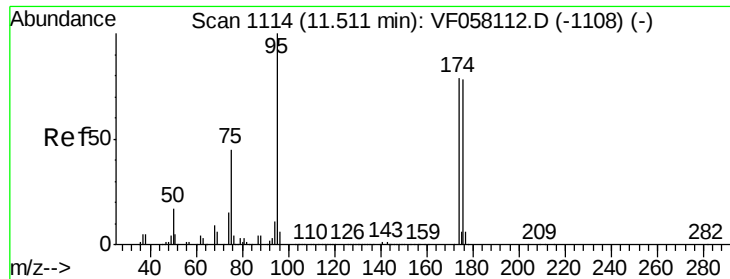
Delta R.T. -0.00 min

Lab File: VF059197.D

Acq: 19 Jun 2018 19:10

Tgt Ion:	98	Resp:	377456
Ion Ratio	Lower	Upper	
98	100		
100	67.2	55.6	83.4





#62

4-Bromofluorobenzene

Concen: 49.63 ug/l

RT: 11.51 min Scan# 1113

Delta R.T. -0.00 min

Lab File: VF059197.D

Acq: 19 Jun 2018 19:10

Instrument :

MSVOA_F

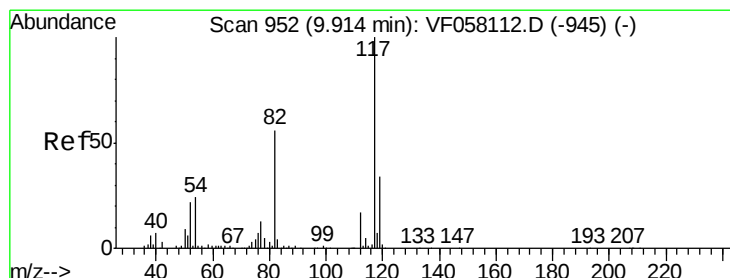
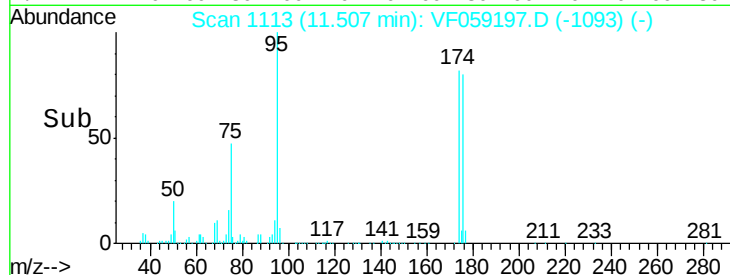
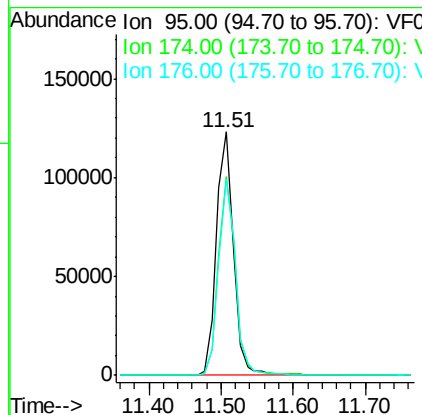
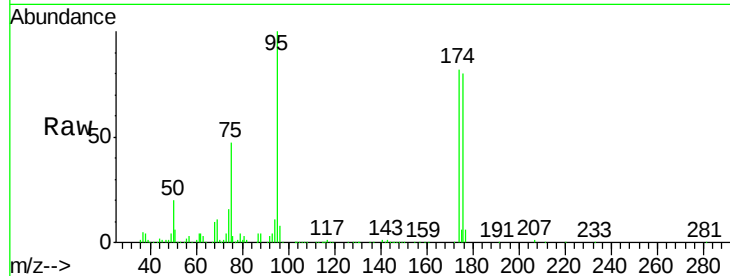
ClientSampleId :

A-1(6.0)

Tot Ion:	95	Resp:	200605
Ion Ratio	Lower	Upper	
95	100		
174	81.8	0.0	157.8
176	80.4	0.0	155.8

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#63

Chlorobenzene-d5

Concen: 50.00 ug/l

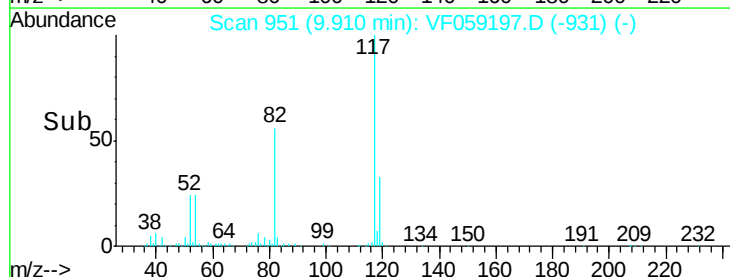
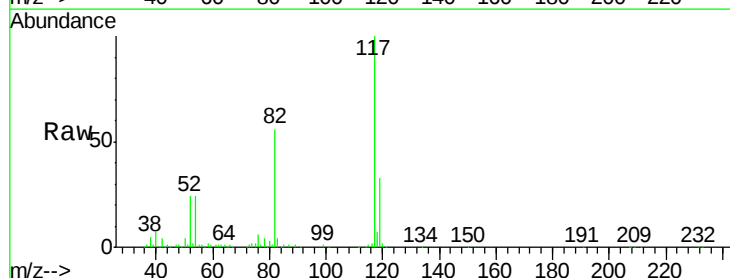
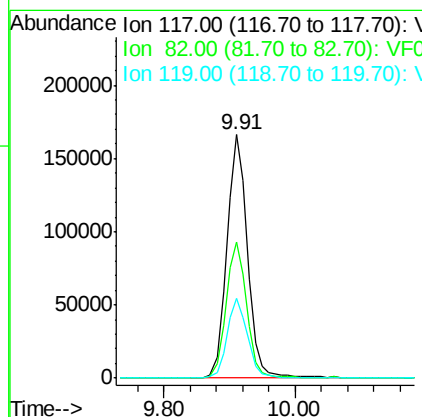
RT: 9.91 min Scan# 951

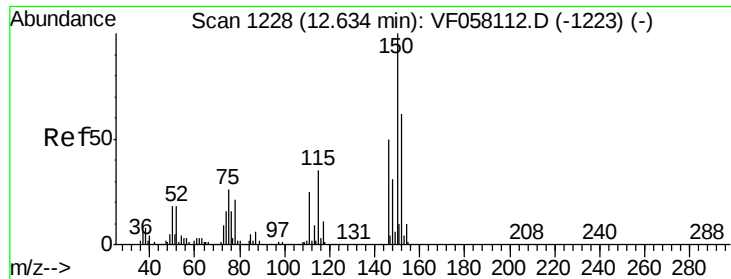
Delta R.T. -0.00 min

Lab File: VF059197.D

Acq: 19 Jun 2018 19:10

Tgt Ion:	117	Resp:	366090
Ion Ratio	Lower	Upper	
117	100		
82	56.0	45.2	67.8
119	32.7	27.5	41.3





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.63 min Scan# 1227

Delta R.T. -0.00 min

Lab File: VF059197.D

Acq: 19 Jun 2018 19:10

Instrument :

MSVOA_F

ClientSampleId :

A-1(6.0)

Tot Ion:152 Resp: 204618

Ion Ratio Lower Upper

152 100

115 55.8 28.5 85.5

150 150.0 0.0 323.8

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