

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF061818\
 Data File : VF059185.D
 Acq On : 18 Jun 2018 19:39
 Operator : VA/AP
 Sample : J3240-03RE
 Misc : 5.20g/5mL/MSVOA-F/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 BU-01-061518RE

Manual Integrations
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Quant Time: Jun 19 04:16:40 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	219047	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	5.75	114	342667	50.00	ug/l	-0.01
63) Chlorobenzene-d5	9.91	117	271618	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.63	152	112183	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.00	65	158446	59.64	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	119.28%	
35) Dibromofluoromethane	4.28	113	140973	58.63	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	117.26%	
50) Toluene-d8	7.71	98	302237	42.79	ug/l	0.00
Spiked Amount 50.000			Recovery	=	85.58%	
62) 4-Bromofluorobenzene	11.51	95	130129	35.92	ug/l	0.00
Spiked Amount 50.000			Recovery	=	71.84%	
Target Compounds						
20) Methylene Chloride	2.27	84	7906m	5.206	ug/l	Qvalue

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

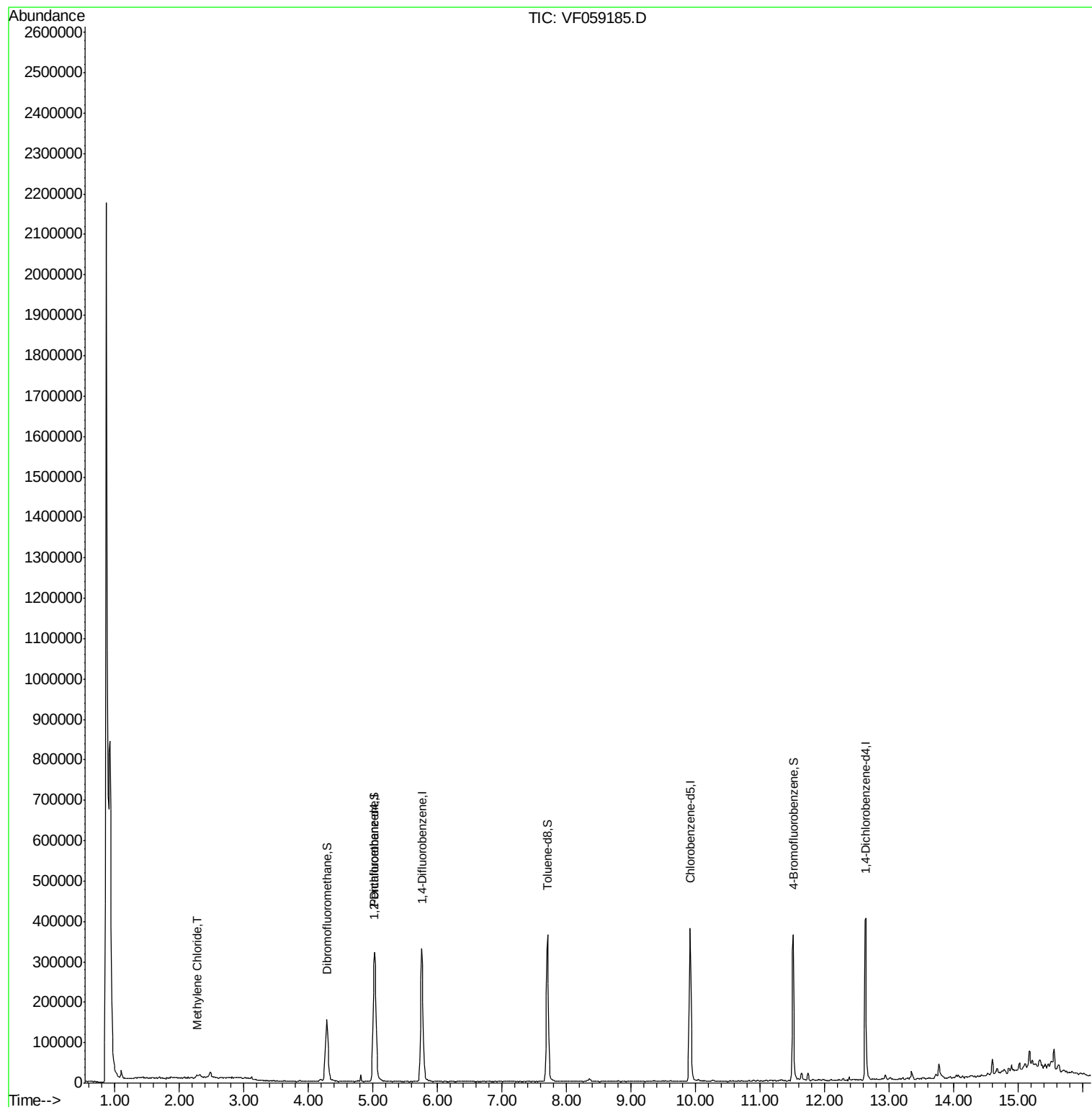
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF061818\
Data File : VF059185.D
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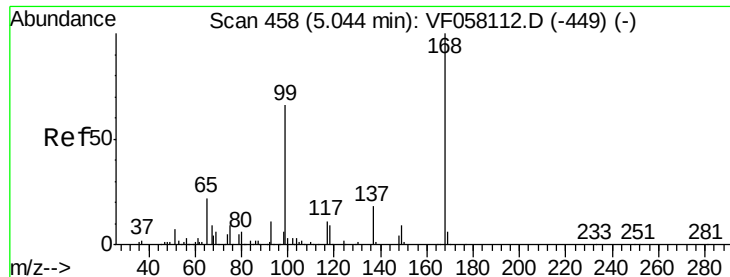
Instrument :
MSVOA_F
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Quant Time: Jun 19 04:16:40 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_F\METHODS\82F060618S.M
Quant Title : SW846 8260
QLast Update : Thu Jun 07 10:52:00 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.03 min Scan# 457

Delta R.T. -0.01 min

Lab File: VF059185.D

Acq: 18 Jun 2018 19:39

Instrument :

MSVOA_F

ClientSampleId :

BU-01-061518RE

Tot Ion:168 Resp: 219047

Ion Ratio Lower Upper

168 100

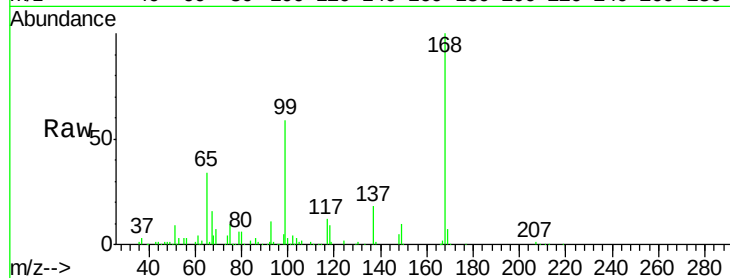
99 58.7 52.9 79.3

Manual Integrations

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Abundance Ion 168.00 (167.70 to 168.70): V

Ion 99.00 (98.70 to 99.70): VF0

80000

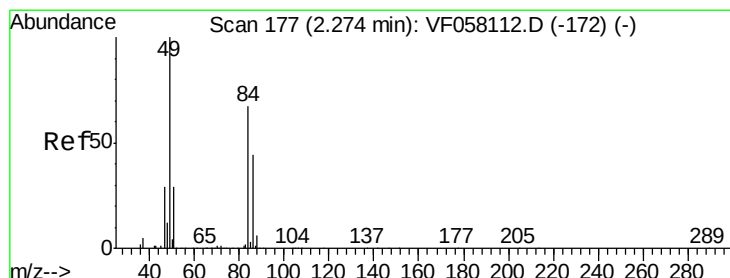
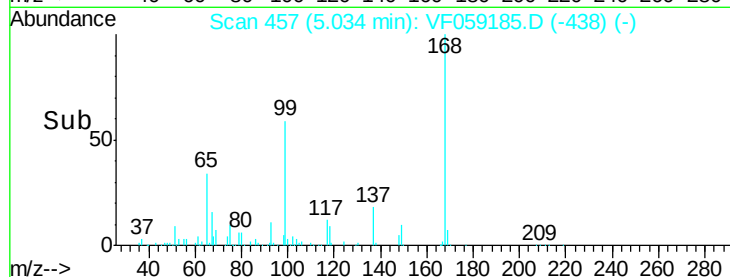
60000

40000

20000

0

Time-->



#20

Methylene Chloride

Concen: 5.206 ug/l m

RT: 2.27 min Scan# 177

Delta R.T. -0.00 min

Lab File: VF059185.D

Acq: 18 Jun 2018 19:39

Tgt Ion: 84 Resp: 7906

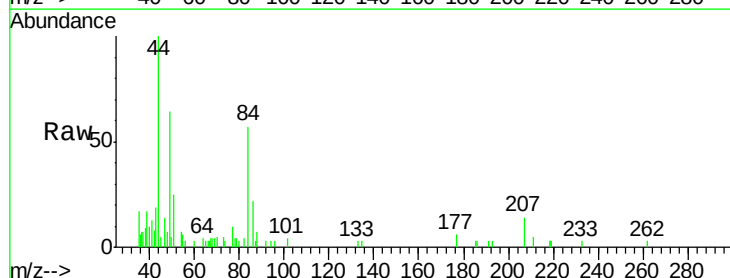
Ion Ratio Lower Upper

84 100

49 112.4 121.0 181.4#

51 43.2 35.8 53.6

86 38.2 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

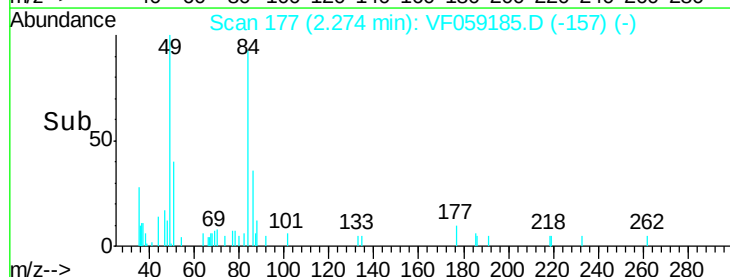
3000

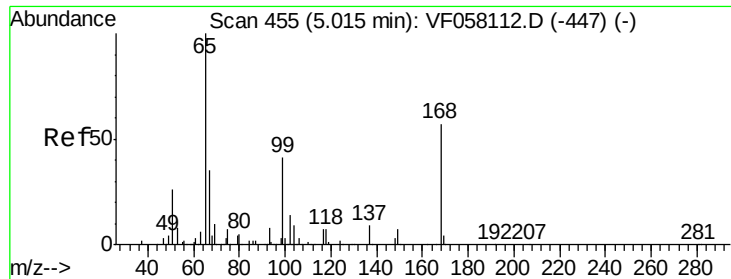
2000

1000

0

Time-->





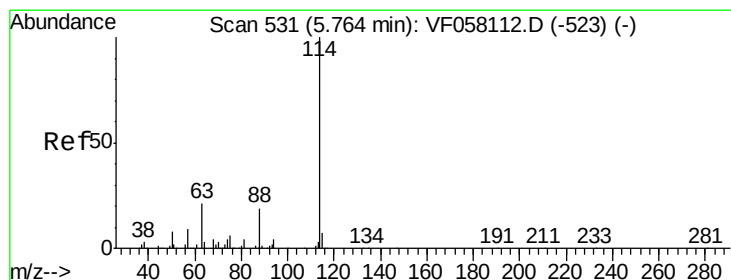
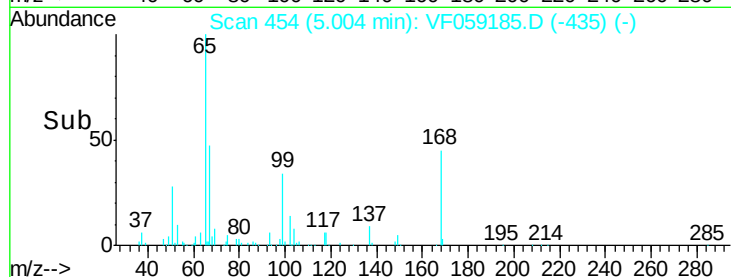
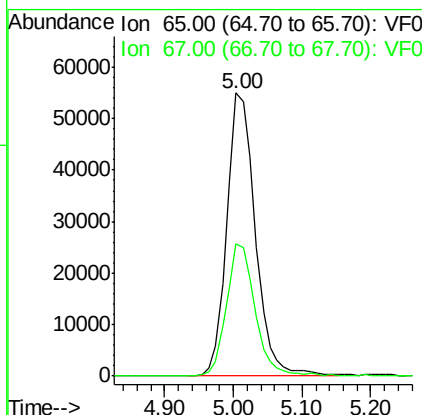
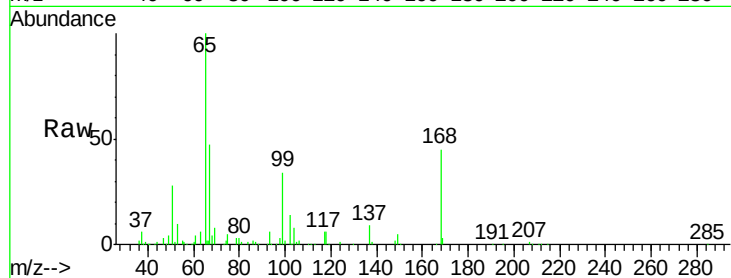
#33
 1,2-Dichloroethane-d4
 Concen: 59.642 ug/l
 RT: 5.00 min Scan# 454
 Delta R.T. -0.01 min
 Lab File: VF059185.D
 Acq: 18 Jun 2018 19:39

Instrument :
 MSVOA_F
 ClientSampleId :
 BU-01-061518RE

Tot Ion	Ratio	Resp	Lower	Upper
65	100	158446		
67	46.8	0.0	97.0	

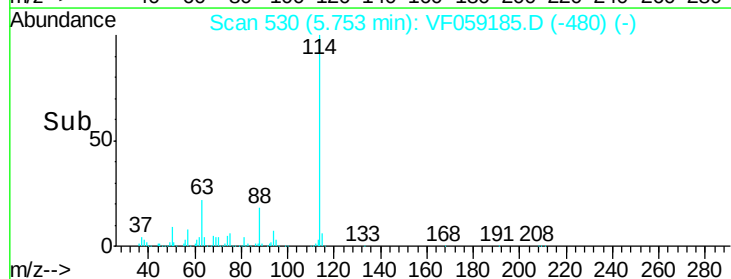
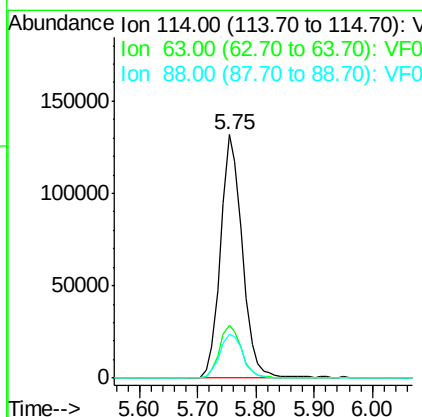
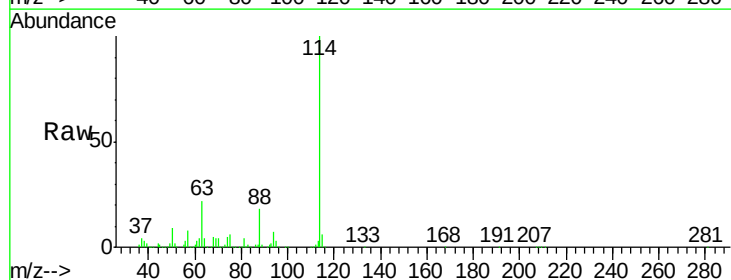
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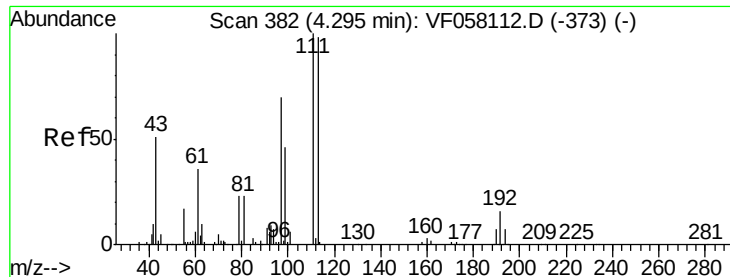
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.75 min Scan# 530
 Delta R.T. -0.01 min
 Lab File: VF059185.D
 Acq: 18 Jun 2018 19:39

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	342667		
63	21.5	0.0	41.6	
88	18.3	0.0	38.8	





#35

Dibromofluoromethane

Concen: 58.631 ug/l

RT: 4.28 min Scan# 381

Delta R.T. -0.01 min

Lab File: VF059185.D

Acq: 18 Jun 2018 19:39

Instrument :

MSVOA_F

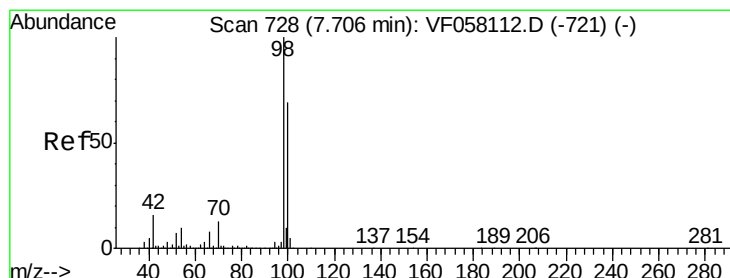
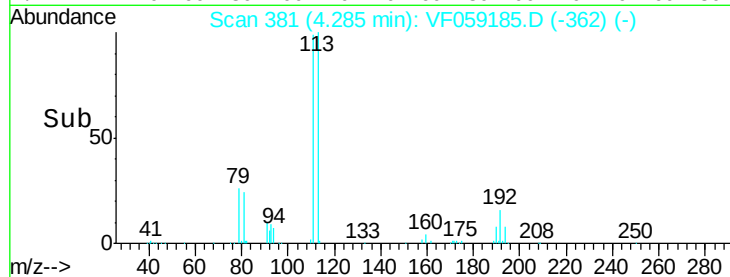
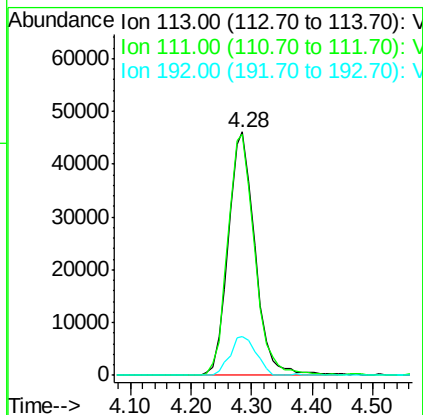
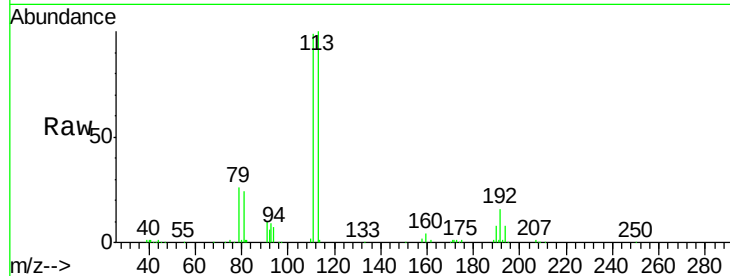
ClientSampleId :

BU-01-061518RE

Tot Ion:	113	Resp:	140973
Ion Ratio		Lower	Upper
113	100		
111	99.1	81.3	121.9
192	15.9	12.7	19.1

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#50

Toluene-d8

Concen: 42.788 ug/l

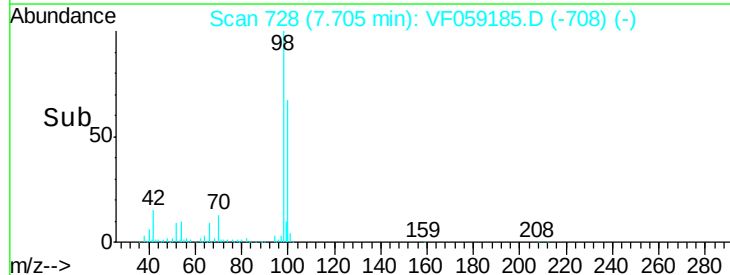
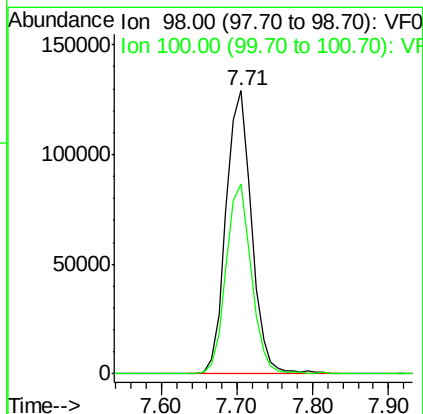
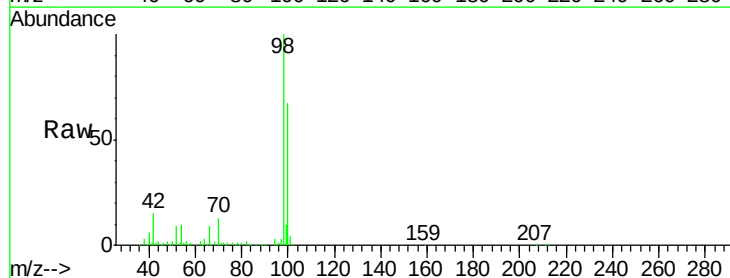
RT: 7.71 min Scan# 728

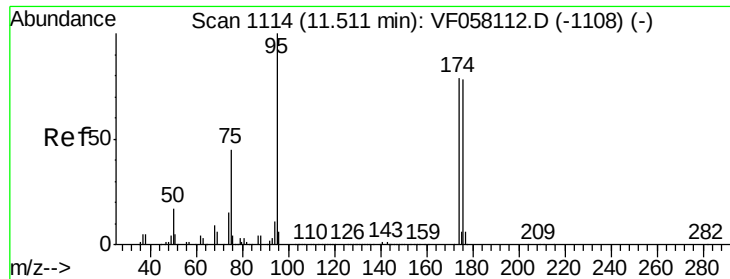
Delta R.T. -0.00 min

Lab File: VF059185.D

Acq: 18 Jun 2018 19:39

Tgt Ion:	98	Resp:	302237
Ion Ratio		Lower	Upper
98	100		
100	67.0	55.6	83.4





#62

4-Bromofluorobenzene

Concen: 35.918 ug/l

RT: 11.51 min Scan# 1114

Delta R.T. -0.00 min

Lab File: VF059185.D

Acq: 18 Jun 2018 19:39

Instrument :

MSVOA_F

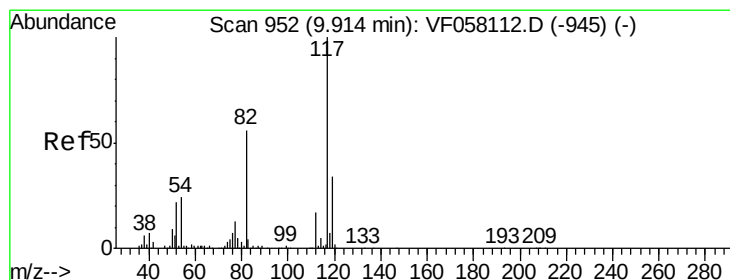
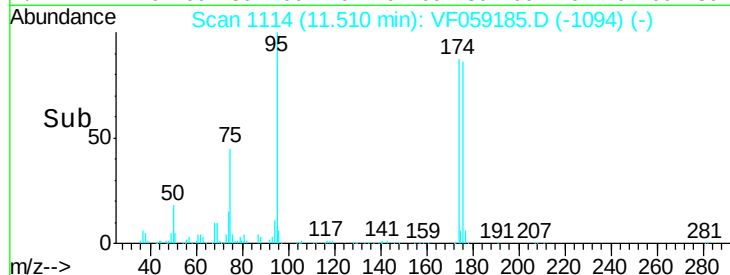
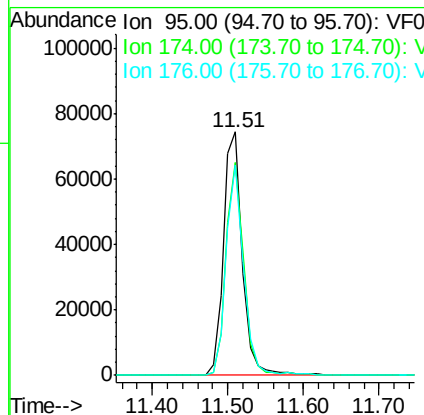
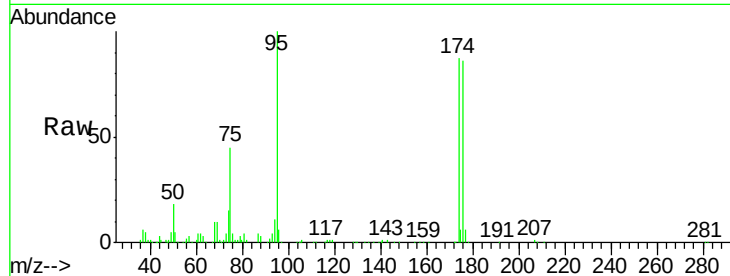
ClientSampleId :

BU-01-061518RE

Tot Ion:	95	Resp:	130129
Ion Ratio	Lower	Upper	
95	100		
174	87.2	0.0	157.8
176	86.1	0.0	155.8

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#63

Chlorobenzene-d5

Concen: 50.000 ug/l

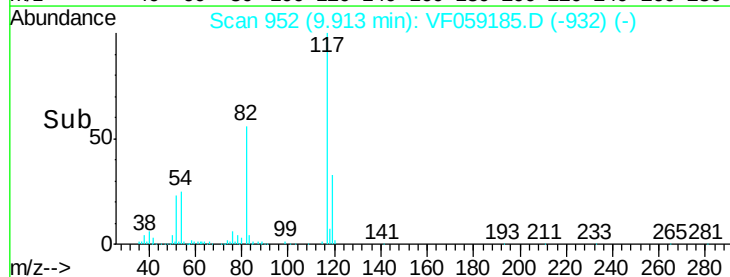
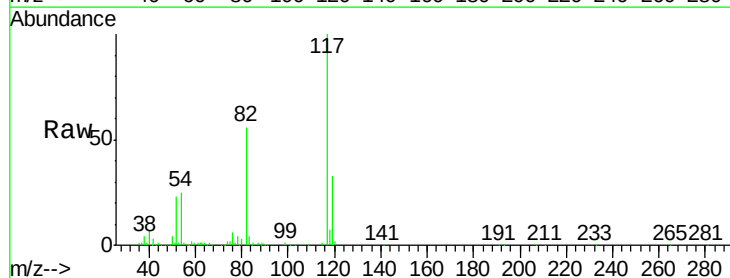
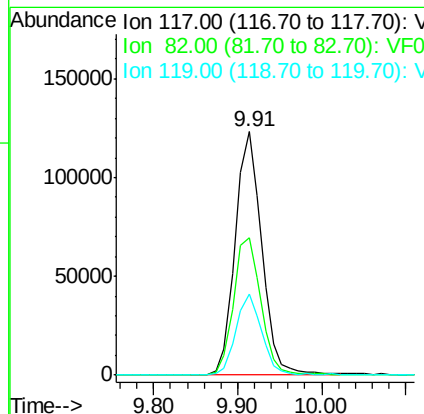
RT: 9.91 min Scan# 952

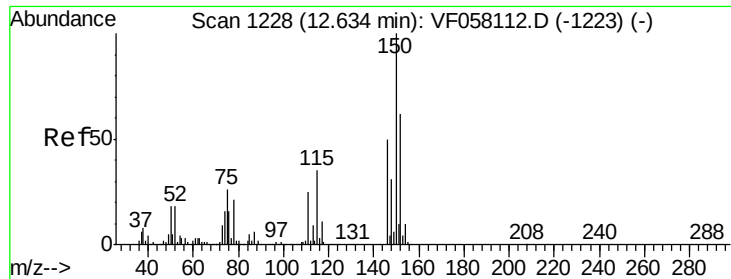
Delta R.T. -0.00 min

Lab File: VF059185.D

Acq: 18 Jun 2018 19:39

Tgt Ion:	117	Resp:	271618
Ion Ratio	Lower	Upper	
117	100		
82	56.4	45.2	67.8
119	33.3	27.5	41.3





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.63 min Scan# 1228

Delta R.T. -0.00 min

Lab File: VF059185.D

Acq: 18 Jun 2018 19:39

Instrument :

MSVOA_F

ClientSampleId :

BU-01-061518RE

Tot Ion:	152	Resp:	112183
Ion Ratio	Lower	Upper	
152	100		
115	55.5	28.5	85.5
150	154.5	0.0	323.8

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