

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF120318\
 Data File : VF060901.D
 Acq On : 3 Dec 2018 19:49
 Operator : VA/AP
 Sample : J5764-21
 Misc : 6.08g/5mL/MSVOA-F/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 JC-02-113018-A

Manual Integrations
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Quant Time: Dec 04 04:05:56 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F112618S.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 27 01:36:26 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.89	168	194358	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	5.62	114	359025	50.00	ug/l	-0.02
63) Chlorobenzene-d5	9.80	117	311876	50.00	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	12.56	152	167142	50.00	ug/l	-0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.87	65	112751	49.24	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	98.48%	
35) Dibromofluoromethane	4.13	113	125818	44.17	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	88.34%	
50) Toluene-d8	7.57	98	327917	39.08	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	78.16%	
62) 4-Bromofluorobenzene	11.43	95	156053	40.92	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	81.84%	
Target Compounds						
20) Methylene Chloride	2.24	84	26036m	16.809	ug/l	Qvalue
84) 1,2,4-Trimethylbenzene	12.22	105	25155	2.351	ug/l	100

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

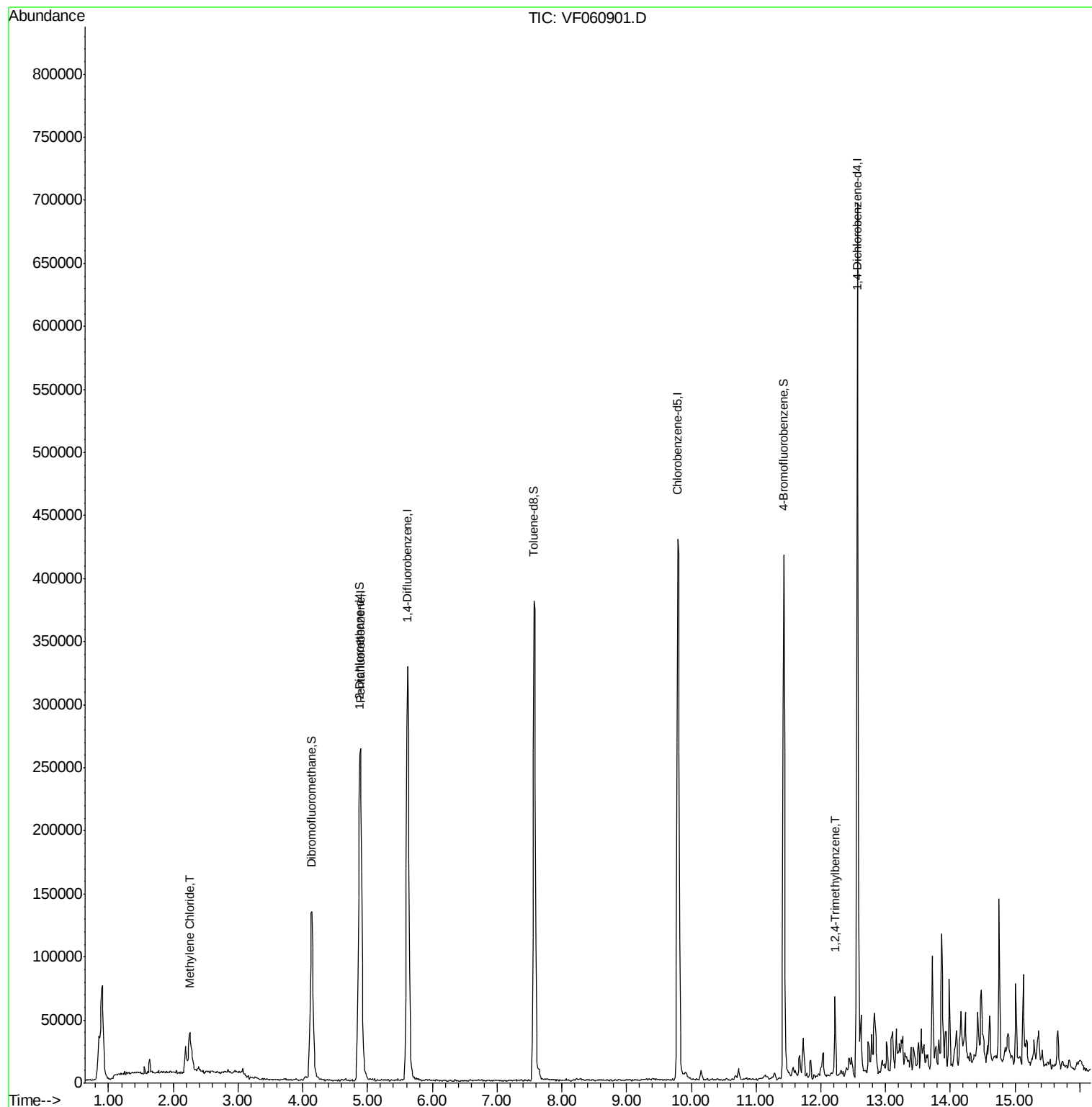
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF120318\
Data File : VF060901.D
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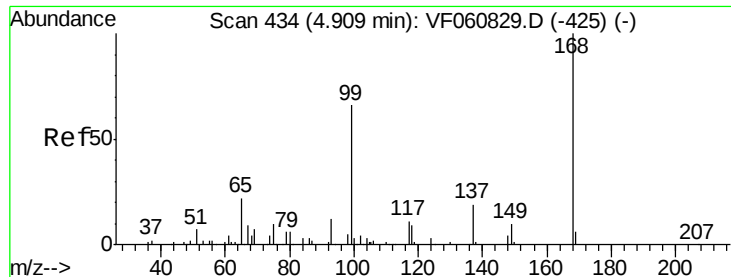
Instrument :
MSVOA_F
ClientSampleId :
JC-02-113018-A

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12/4/2018 2:52:01 PM

Quant Time: Dec 04 04:05:56 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_F\METHODS\82F112618S.M
Quant Title : SW846 8260
QLast Update : Tue Nov 27 01:36:26 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.89 min Scan# 432

Delta R.T. -0.02 min

Lab File: VF060901.D

Acq: 3 Dec 2018 19:49

Instrument :

MSVOA_F

ClientSampleId :

JC-02-113018-A

Tot Ion:168 Resp: 194358

Ion Ratio Lower Upper

168 100

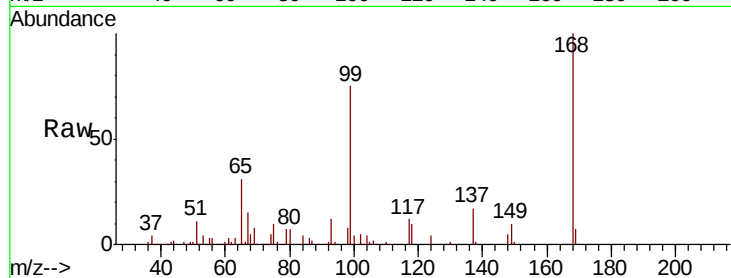
99 75.1 52.6 79.0

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Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

4.89

60000

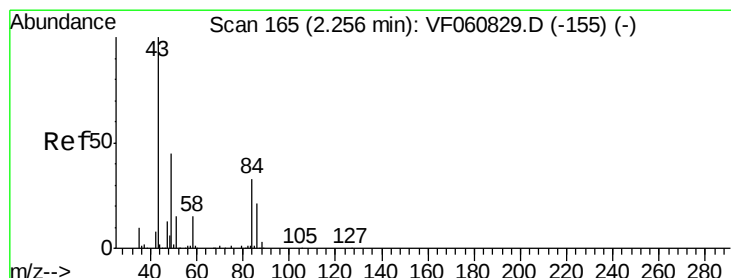
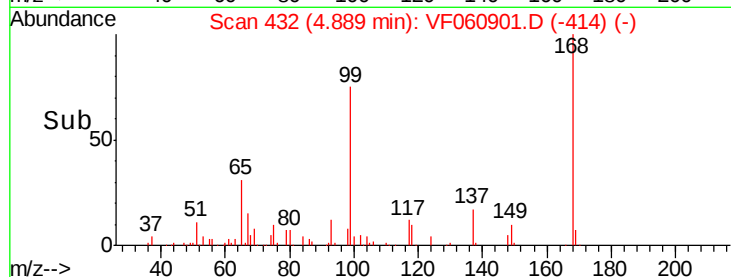
40000

20000

0

Time-->

4.70 4.80 4.90 5.00 5.10



#20

Methylene Chloride

Concen: 16.809 ug/l m

RT: 2.24 min Scan# 164

Delta R.T. -0.01 min

Lab File: VF060901.D

Acq: 3 Dec 2018 19:49

Tgt Ion: 84 Resp: 26036

Ion Ratio Lower Upper

84 100

49 129.5 111.3 166.9

51 41.4 38.0 57.0

86 54.9 49.8 74.8

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

12000

10000

8000

6000

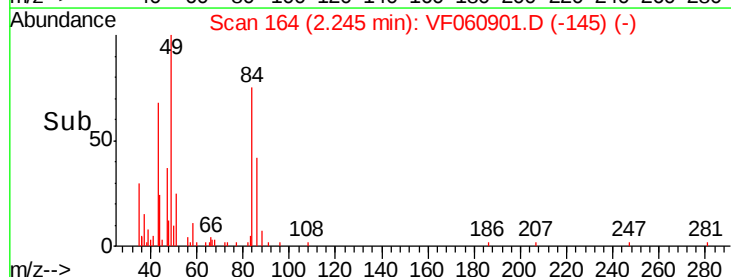
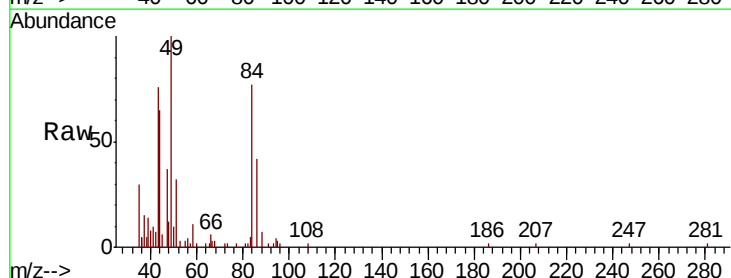
4000

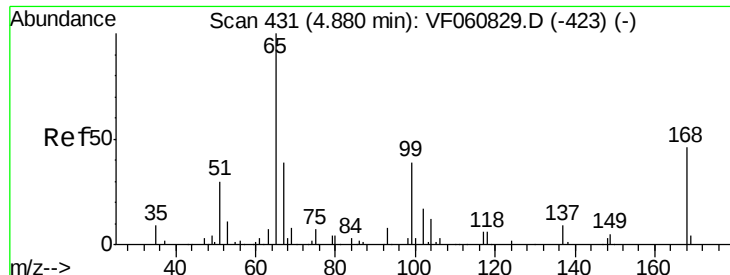
2000

0

Time-->

2.10 2.20 2.30 2.40





#33

1,2-Dichloroethane-d4

Concen: 49.245 ug/l

RT: 4.87 min Scan# 430

Delta R.T. -0.01 min

Lab File: VF060901.D

Acq: 3 Dec 2018 19:49

Instrument :

MSVOA_F

ClientSampleId :

JC-02-113018-A

Tot Ion: 65 Resp: 112751

Ion Ratio Lower Upper

65 100

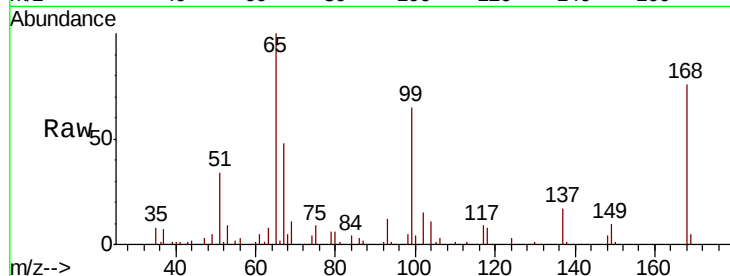
67 47.8 0.0 96.4

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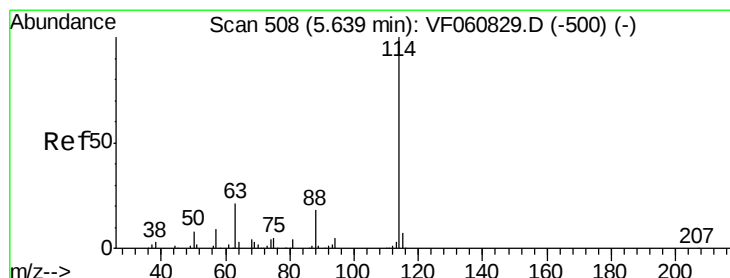
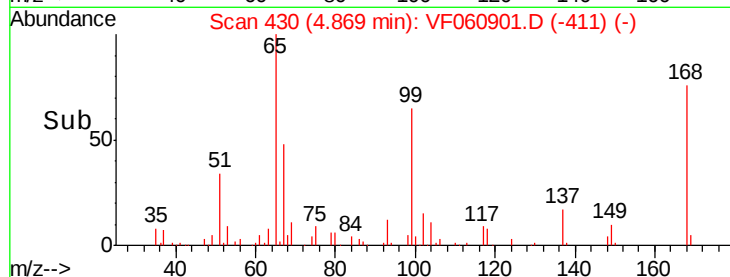
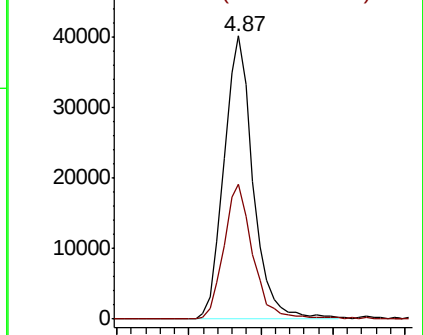
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Abundance Ion 65.00 (64.70 to 65.70): VF0

Ion 67.00 (66.70 to 67.70): VF0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.62 min Scan# 506

Delta R.T. -0.02 min

Lab File: VF060901.D

Acq: 3 Dec 2018 19:49

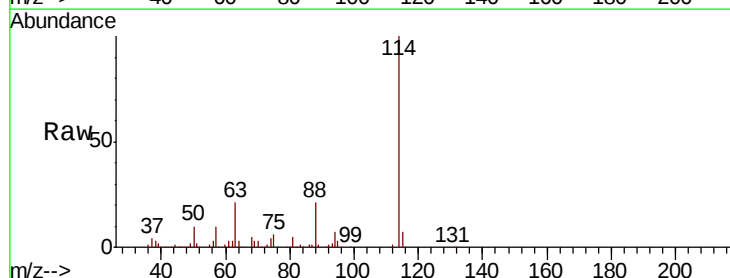
Tgt Ion: 114 Resp: 359025

Ion Ratio Lower Upper

114 100

63 21.4 0.0 41.6

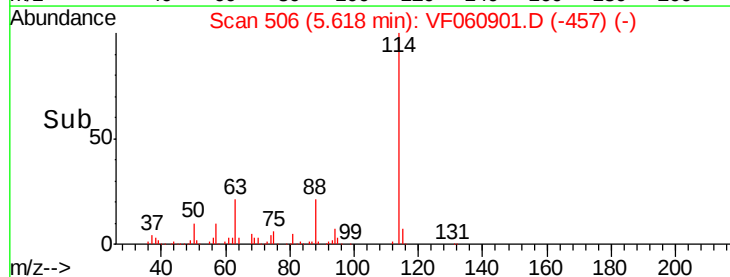
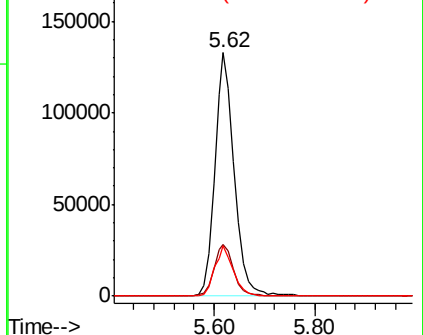
88 20.8 0.0 36.6

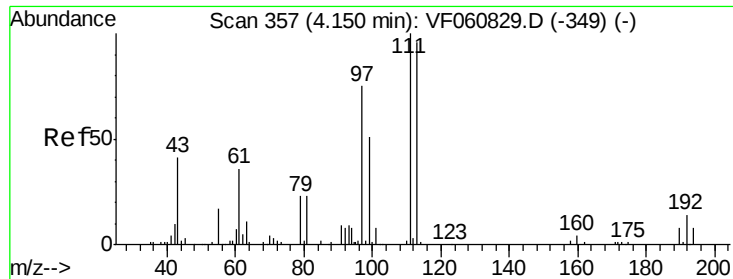


Abundance Ion 114.00 (113.70 to 114.70): V

Ion 63.00 (62.70 to 63.70): VF0

Ion 88.00 (87.70 to 88.70): VF0





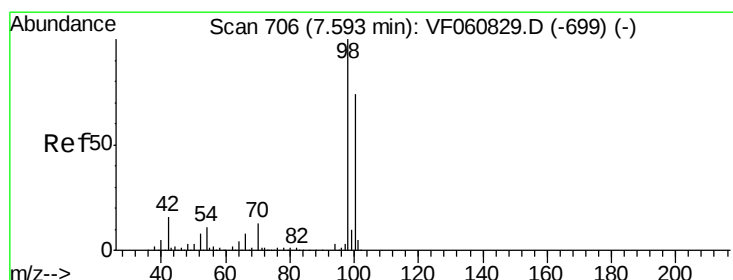
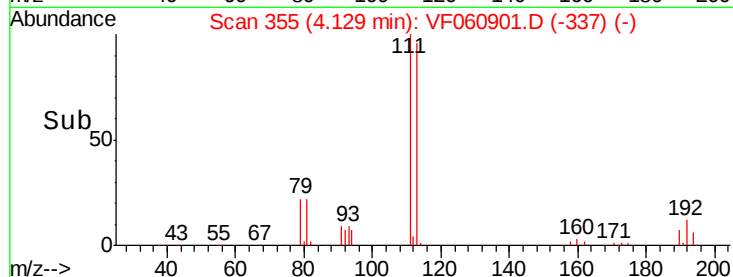
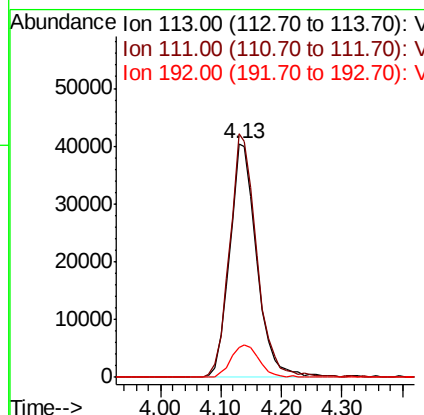
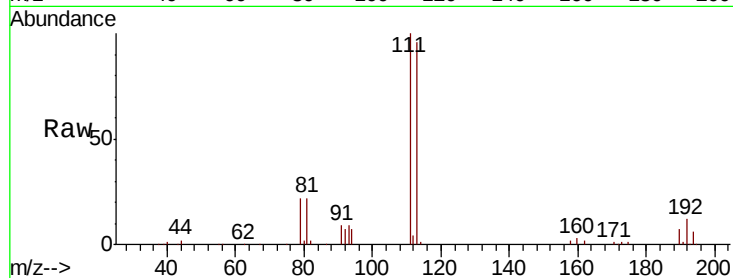
#35
Dibromofluoromethane
Concen: 44.174 ug/l
RT: 4.13 min Scan# 355
Delta R.T. -0.02 min
Lab File: VF060901.D
Acq: 3 Dec 2018 19:49

Instrument :
MSVOA_F
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Tot Ion	Ratio	Resp	Lower	Upper
113	100	125818		
111	104.2	83.0	124.6	
192	13.3	12.3	18.5	

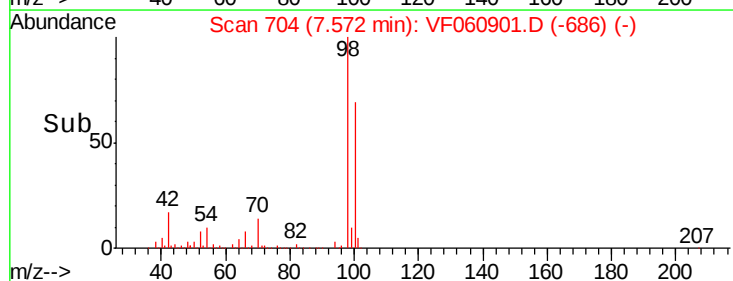
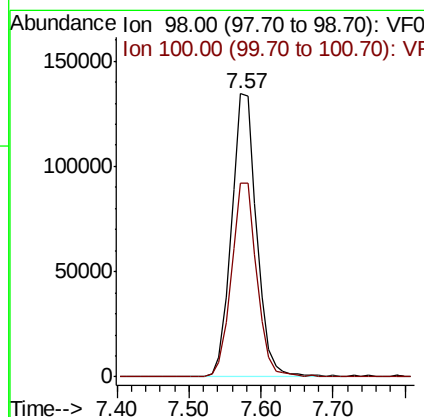
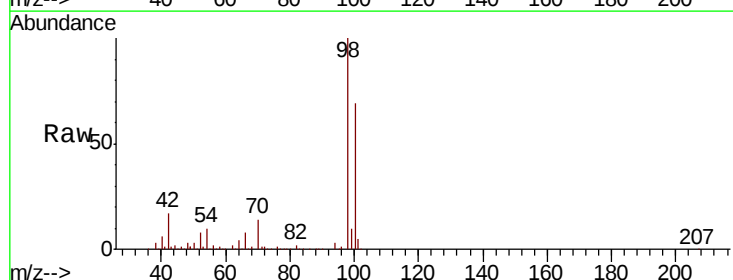
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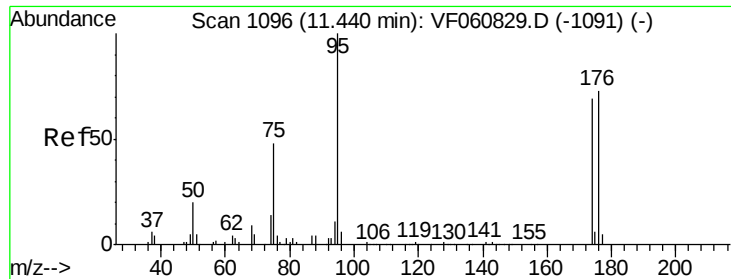
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#50
Toluene-d8
Concen: 39.084 ug/l
RT: 7.57 min Scan# 704
Delta R.T. -0.02 min
Lab File: VF060901.D
Acq: 3 Dec 2018 19:49

Tgt Ion	Ratio	Resp	Lower	Upper
98	100	327917		
100	68.6	59.3	88.9	





#62

4-Bromofluorobenzene

Concen: 40.925 ug/l

RT: 11.43 min Scan# 1095

Delta R.T. -0.01 min

Lab File: VF060901.D

Acq: 3 Dec 2018 19:49

Instrument :

MSVOA_F

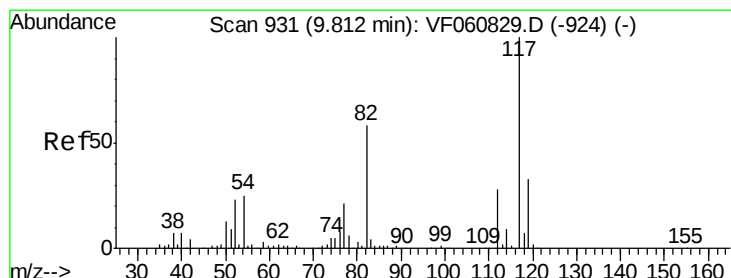
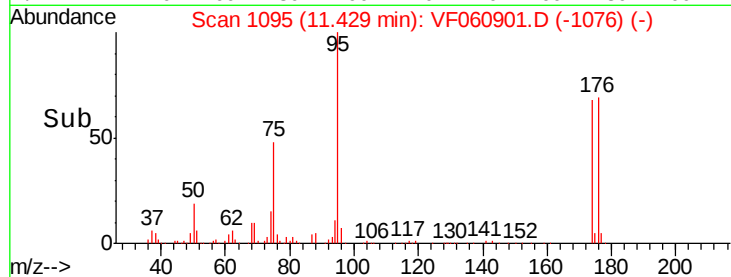
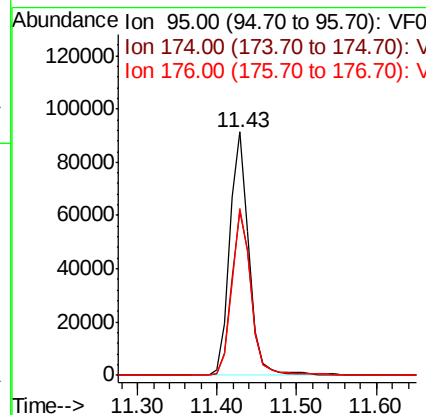
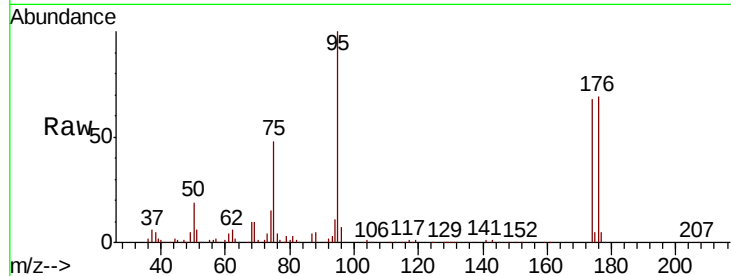
ClientSampleId :

JC-02-113018-A

Tot Ion:	95	Resp:	156053
Ion Ratio	Lower	Upper	
95	100		
174	67.7	0.0	138.2
176	68.7	0.0	146.2

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#63

Chlorobenzene-d5

Concen: 50.000 ug/l

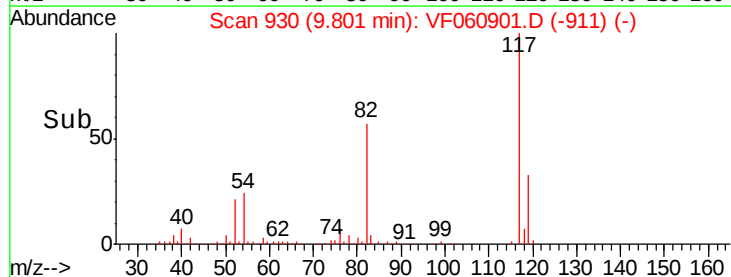
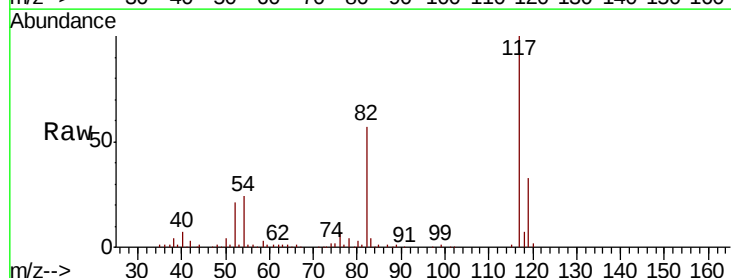
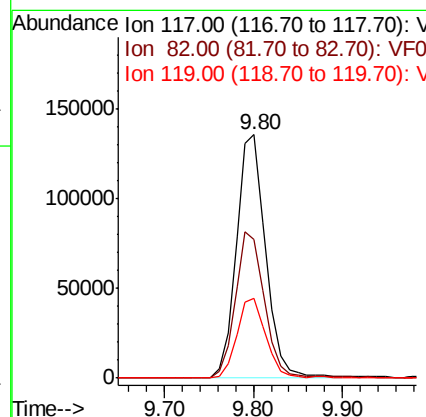
RT: 9.80 min Scan# 930

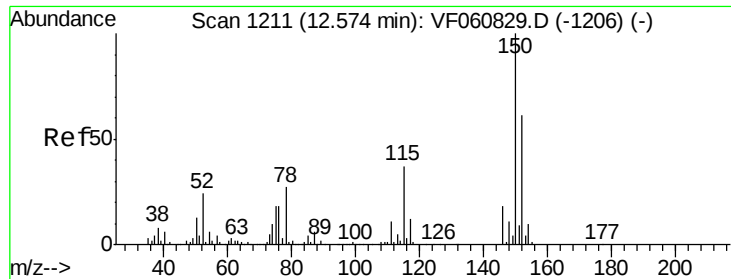
Delta R.T. -0.01 min

Lab File: VF060901.D

Acq: 3 Dec 2018 19:49

Tgt Ion:	117	Resp:	311876
Ion Ratio	Lower	Upper	
117	100		
82	56.8	46.6	69.8
119	32.9	26.4	39.6





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.56 min Scan# 1210

Delta R.T. -0.01 min

Lab File: VF060901.D

Acq: 3 Dec 2018 19:49

Instrument :

MSVOA_F

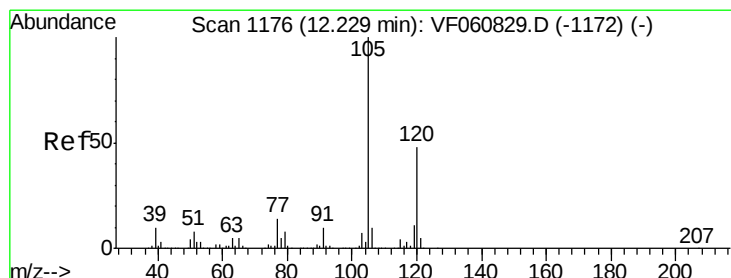
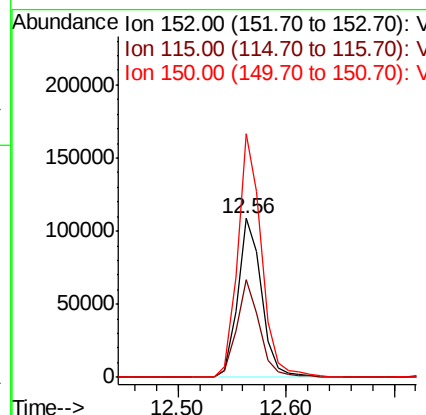
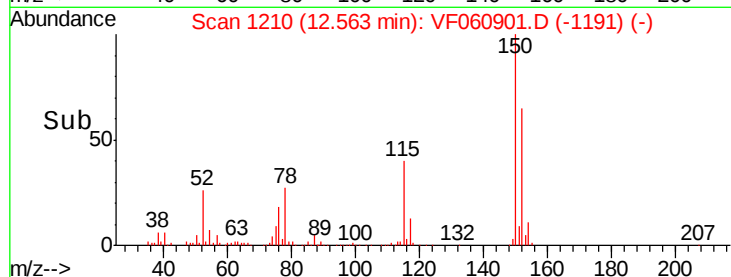
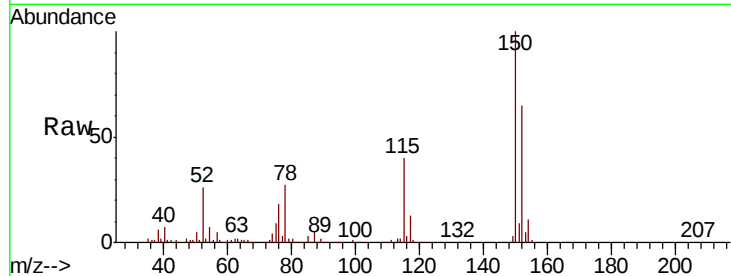
ClientSampleId :

JC-02-113018-A

Tot Ion:	152	Resp:	167142
Ion Ratio	Lower	Upper	
152	100		
115	61.6	30.1	90.5
150	153.3	0.0	327.6

Manual Integrations
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#84

1,2,4-Trimethylbenzene

Concen: 2.351 ug/l

RT: 12.22 min Scan# 1175

Delta R.T. -0.01 min

Lab File: VF060901.D

Acq: 3 Dec 2018 19:49

Tgt Ion:	105	Resp:	25155
Ion Ratio	Lower	Upper	
105	100		
120	47.4	23.8	71.5

