

Data Path : Z:\voasrv\HPCHEM1\MSVOA F\Data\VF112718\
 Data File : VF060840.D
 Acq On : 27 Nov 2018 15:58
 Operator : VA/AP
 Sample : J6074-01
 Misc : 6.32g/5mL/MSVOA-F/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 001-WC-NY5

Manual Integrations
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Quant Time: Nov 28 03:33:04 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	4.91	168	89074	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.64	114	152275	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.81	117	119101	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.57	152	42115	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.88	65	48952	46.65	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.30%	
35) Dibromofluoromethane	4.15	113	52740	43.66	ug/l	0.00
Spiked Amount 50.000			Recovery	=	87.32%	
50) Toluene-d8	7.59	98	148242	41.66	ug/l	0.00
Spiked Amount 50.000			Recovery	=	83.32%	
62) 4-Bromofluorobenzene	11.44	95	56798	35.12	ug/l	0.00
Spiked Amount 50.000			Recovery	=	70.24%	
Target Compounds						
20) Methylene Chloride	2.19	84	14872m	20.950	ug/l	
95) Naphthalene	14.48	128	10708	2.697	ug/l #	91

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

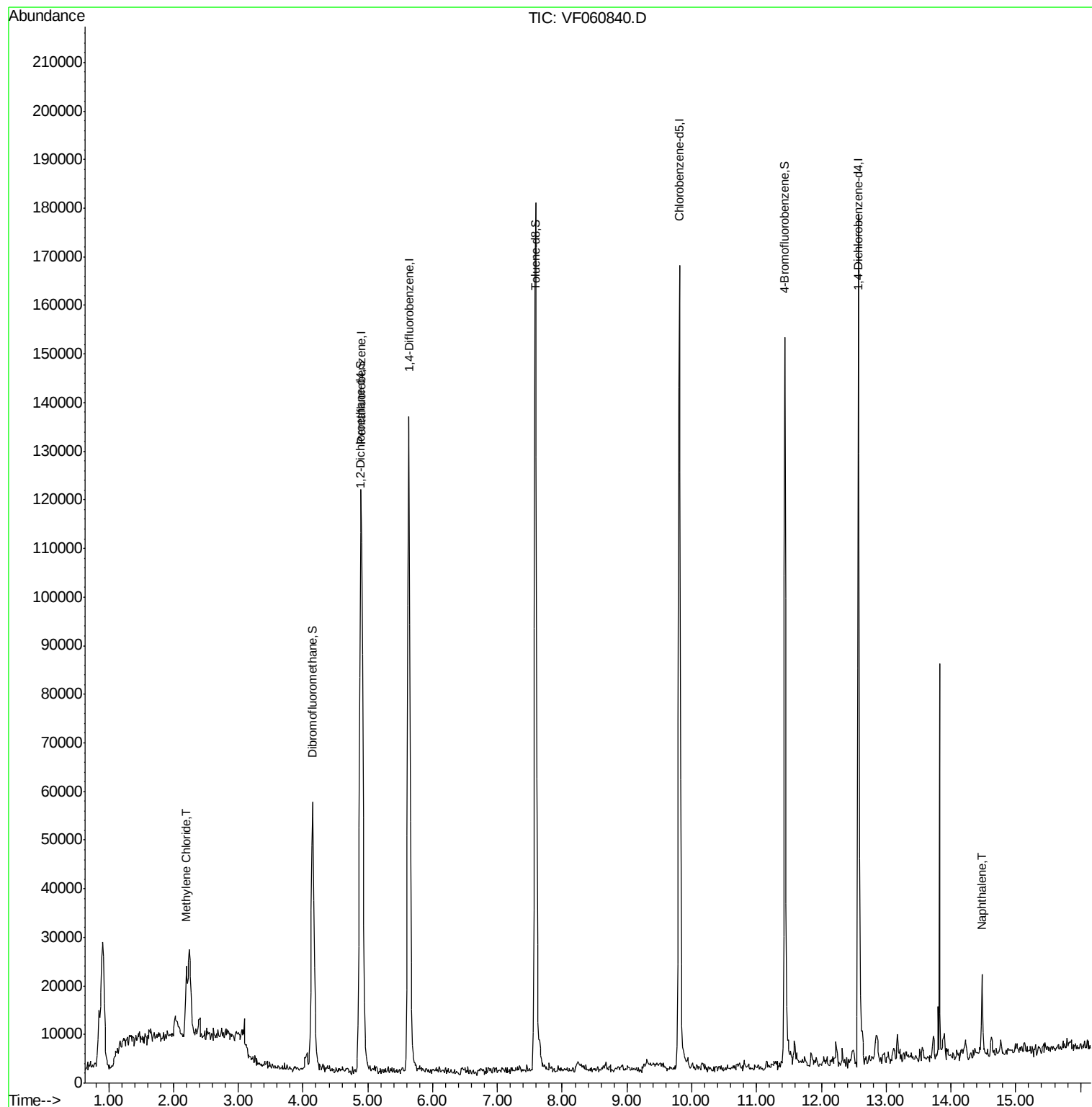
Data Path : Z:\voasrv\HPCHEM1\MSVOA F\Data\VF112718\
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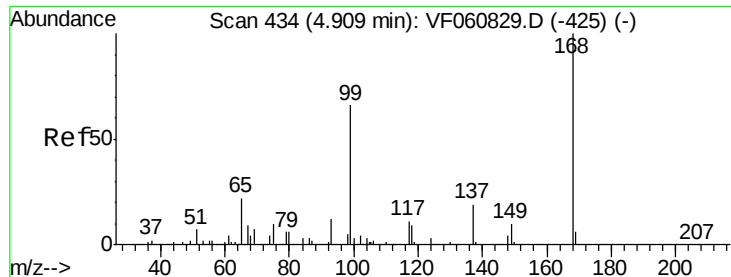
Instrument :
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Quant Time: Nov 28 03:33:04 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F112618S.M
Quant Title : SW846 8260
QLast Update : Tue Nov 27 01:36:26 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.91 min Scan# 434

Delta R.T. -0.00 min

Lab File: VF060840.D

Acq: 27 Nov 2018 15:58

Instrument :

MSVOA_F

ClientSampleId :

001-WC-NY5

Tot Ion:168 Resp: 89074

Ion Ratio Lower Upper

168 100

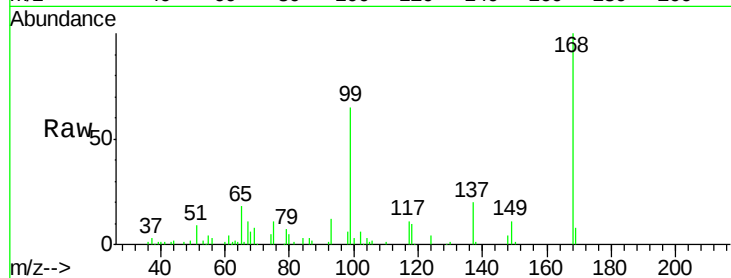
99 64.9 52.6 79.0

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Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

30000

25000

20000

15000

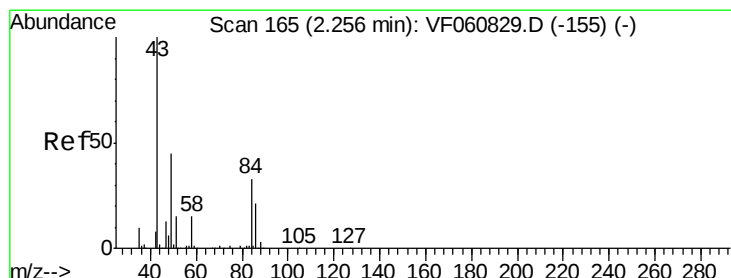
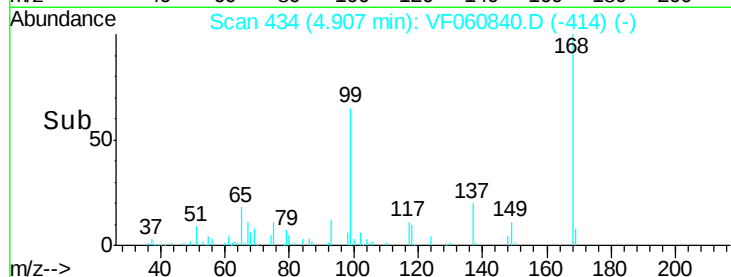
10000

5000

0

4.80 4.90 5.00 5.10

Time-->



#20

Methylene Chloride

Concen: 20.950 ug/l m

RT: 2.19 min Scan# 159

Delta R.T. -0.06 min

Lab File: VF060840.D

Acq: 27 Nov 2018 15:58

Tgt Ion: 84 Resp: 14872

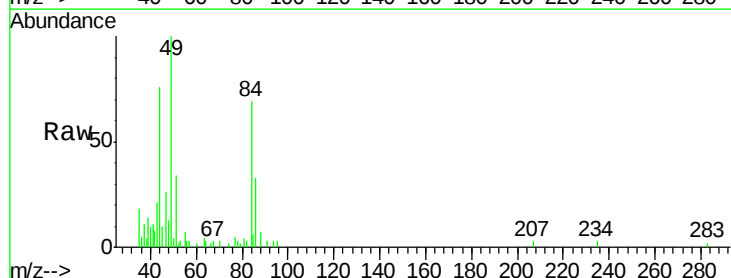
Ion Ratio Lower Upper

84 100

49 143.9 111.3 166.9

51 49.6 38.0 57.0

86 48.0 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

6000

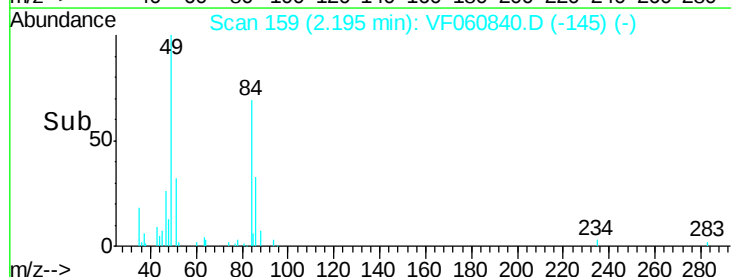
4000

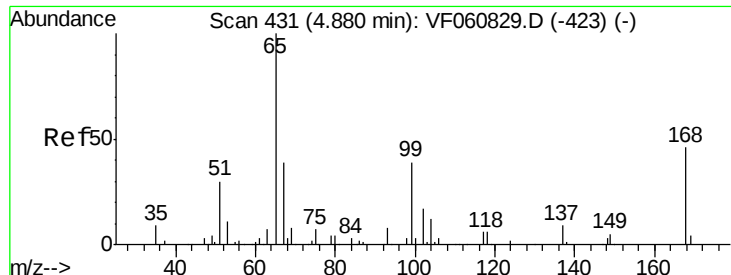
2000

0

2.10 2.20 2.30 2.40

Time-->





#33

1,2-Dichloroethane-d4

Concen: 46.651 ug/l

RT: 4.88 min Scan# 431

Delta R.T. -0.00 min

Lab File: VF060840.D

Acq: 27 Nov 2018 15:58

Instrument :

MSVOA_F

ClientSampleId :

001-WC-NY5

Tot Ion: 65 Resp: 48952

Ion Ratio Lower Upper

65 100

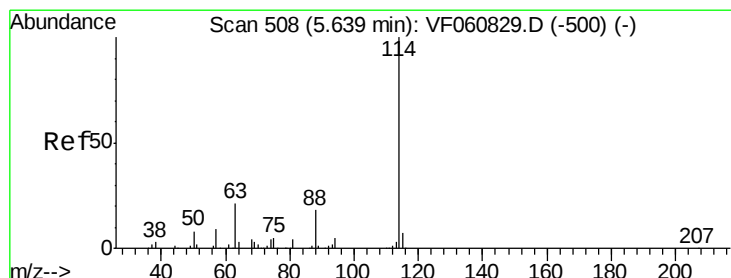
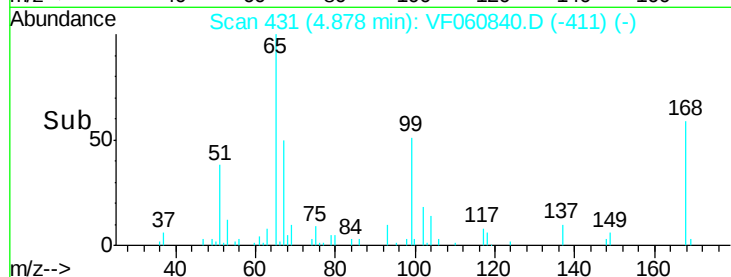
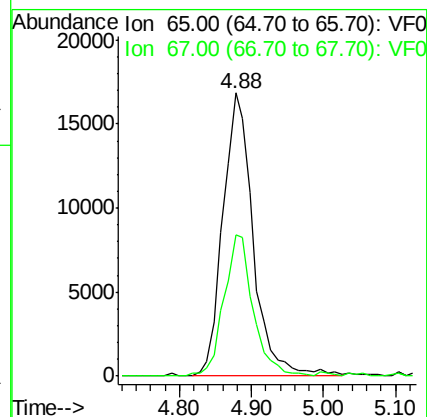
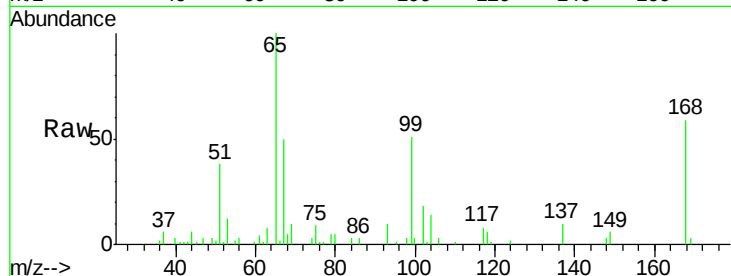
67 50.0 0.0 96.4

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.64 min Scan# 508

Delta R.T. -0.00 min

Lab File: VF060840.D

Acq: 27 Nov 2018 15:58

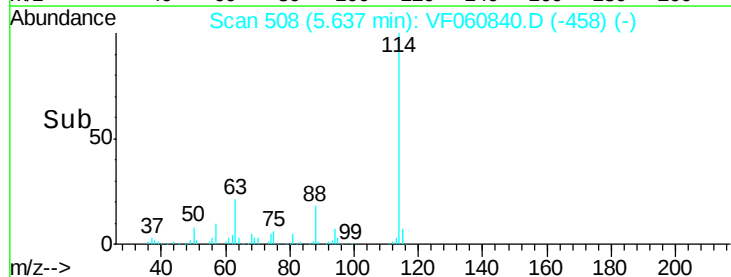
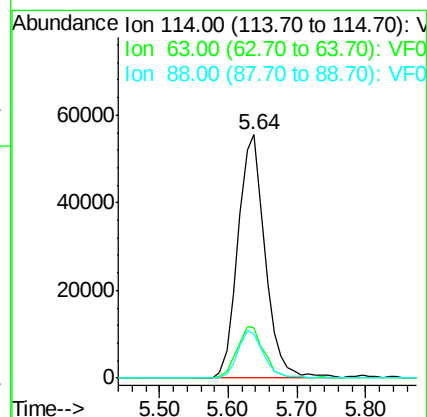
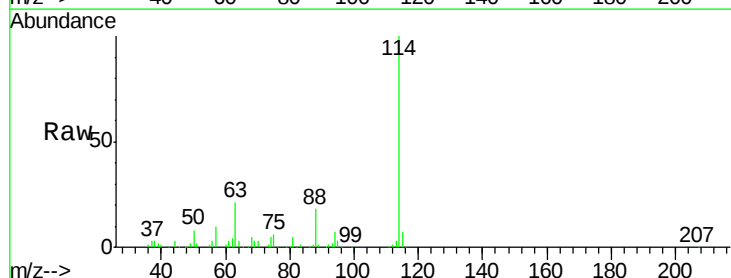
Tgt Ion: 114 Resp: 152275

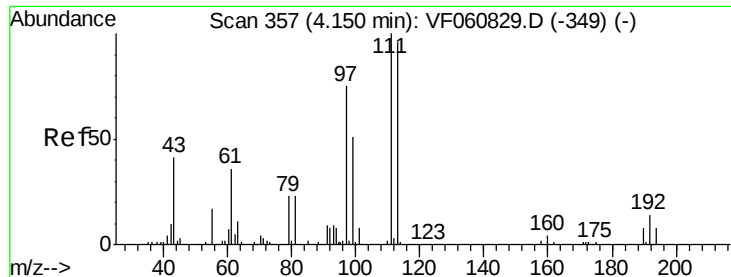
Ion Ratio Lower Upper

114 100

63 20.5 0.0 41.6

88 18.1 0.0 36.6





#35

Dibromofluoromethane

Concen: 43.658 ug/l

RT: 4.15 min Scan# 357

Delta R.T. -0.00 min

Lab File: VF060840.D

Acq: 27 Nov 2018 15:58

Instrument :

MSVOA_F

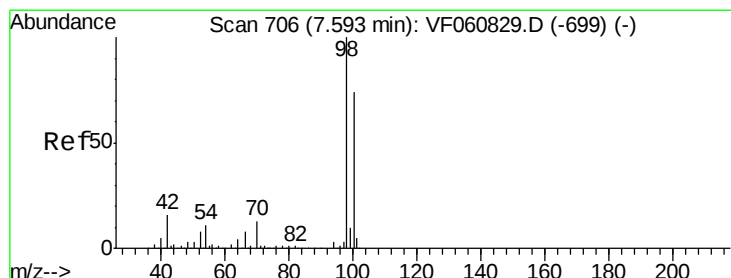
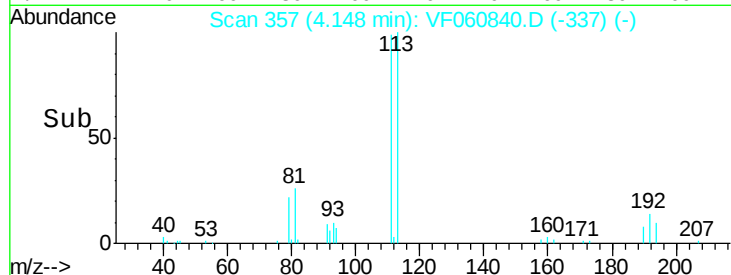
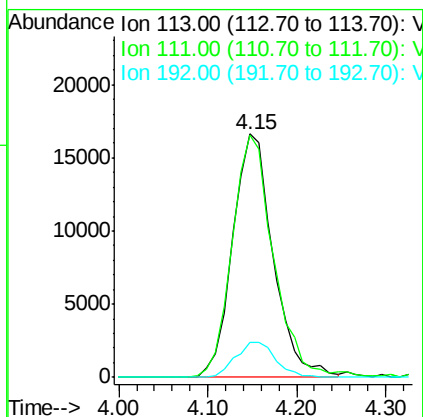
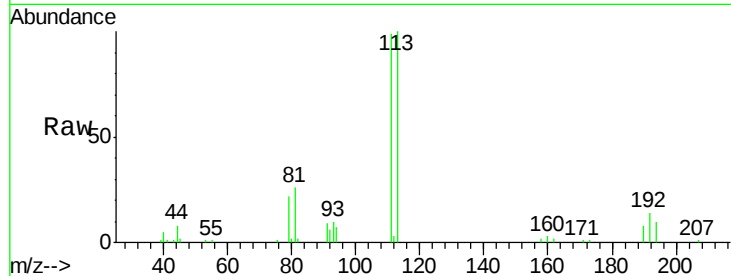
ClientSampleId :

001-WC-NY5

Tot Ion:	113	Resp:	52740
Ion	Ratio	Lower	Upper
113	100		
111	99.3	83.0	124.6
192	14.3	12.3	18.5

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#50

Toluene-d8

Concen: 41.658 ug/l

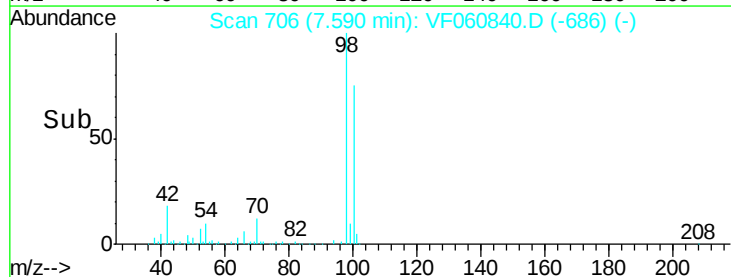
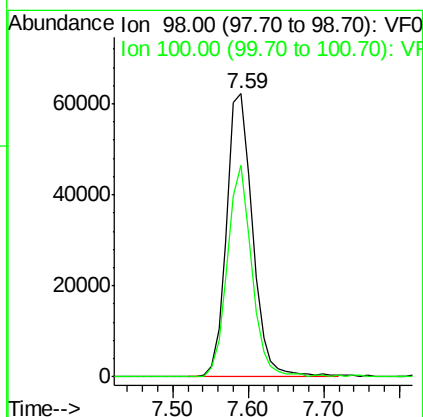
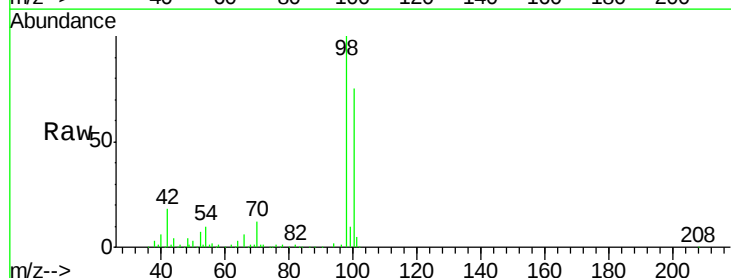
RT: 7.59 min Scan# 706

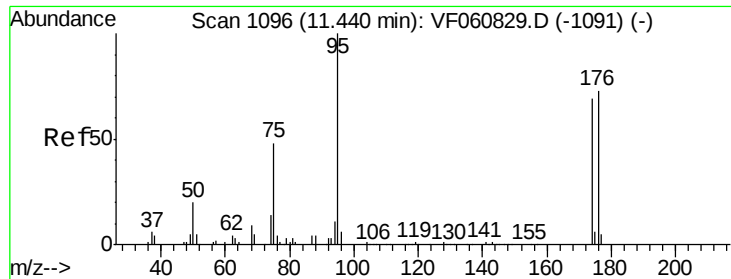
Delta R.T. -0.00 min

Lab File: VF060840.D

Acq: 27 Nov 2018 15:58

Tgt Ion:	98	Resp:	148242
Ion	Ratio	Lower	Upper
98	100		
100	74.9	59.3	88.9





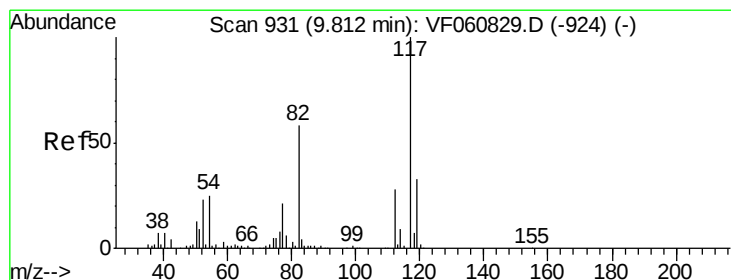
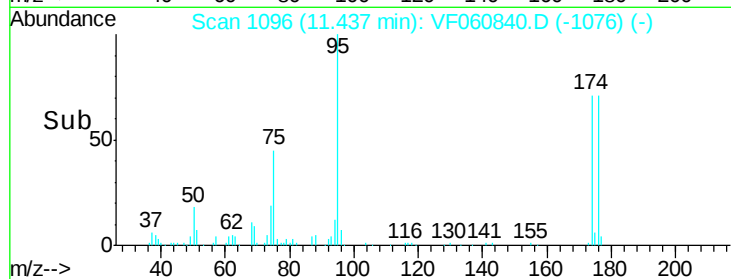
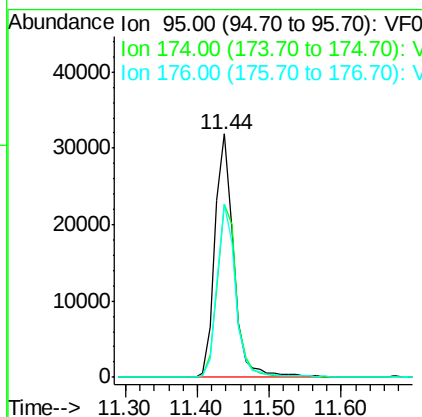
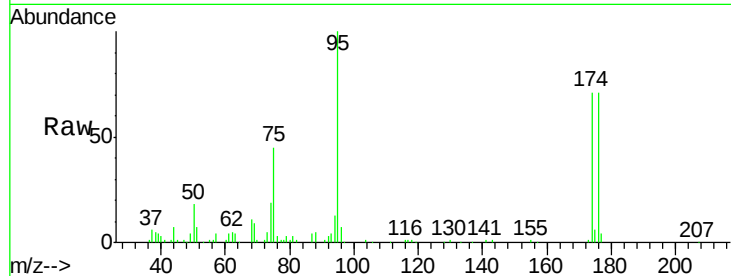
#62
4-Bromofluorobenzene
Concen: 35.119 ug/l
RT: 11.44 min Scan# 1096
Delta R.T. -0.00 min
Lab File: VF060840.D
Acq: 27 Nov 2018 15:58

Instrument :
MSVOA_F
ClientSampleId :
001-WC-NY5

Tot Ion	Ion	Ratio	Resp	Lower	Upper
95	100		56798		
174	71.2	0.0	138.2		
176	71.1	0.0	146.2		

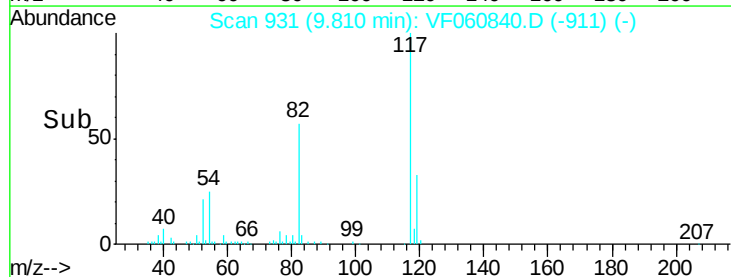
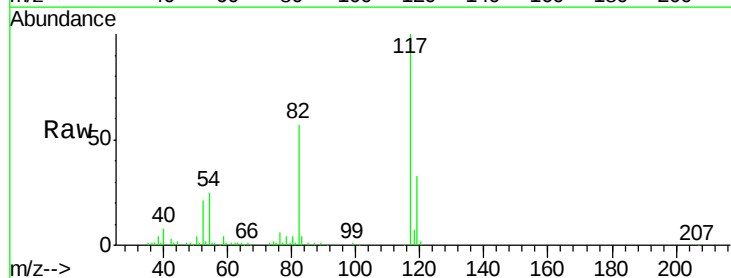
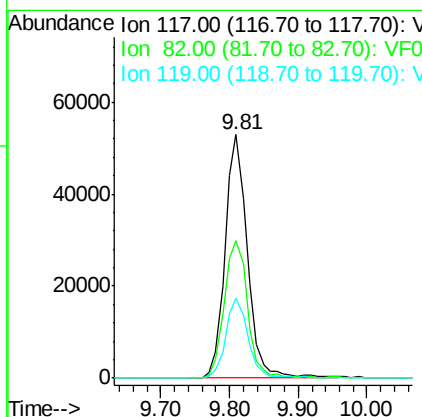
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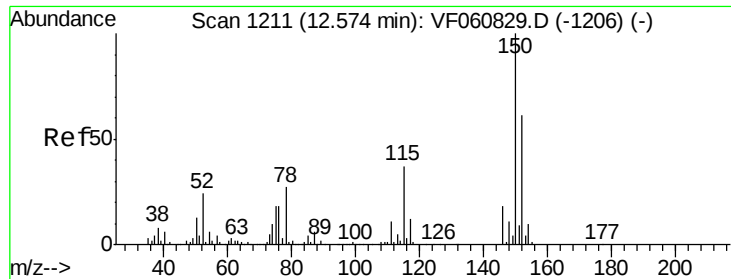
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#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.81 min Scan# 931
Delta R.T. -0.00 min
Lab File: VF060840.D
Acq: 27 Nov 2018 15:58

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
117	100		119101		
82	56.6	46.6	69.8		
119	32.5	26.4	39.6		





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.57 min Scan# 1211

Delta R.T. -0.00 min

Lab File: VF060840.D

Acq: 27 Nov 2018 15:58

Instrument :

MSVOA_F

ClientSampleId :

001-WC-NY5

Tot Ion:152 Resp: 42115

Ion Ratio Lower Upper

152 100

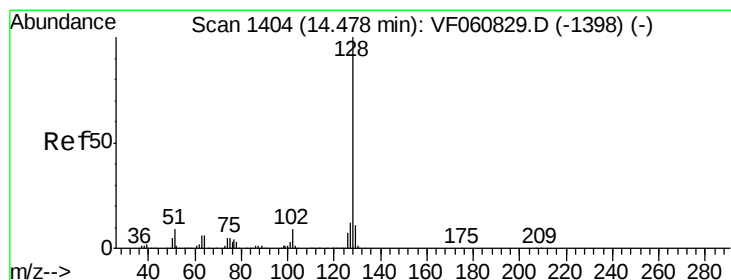
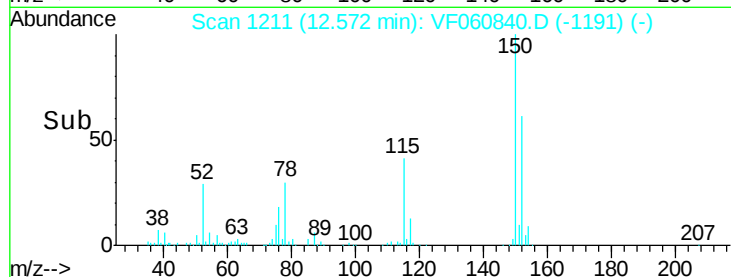
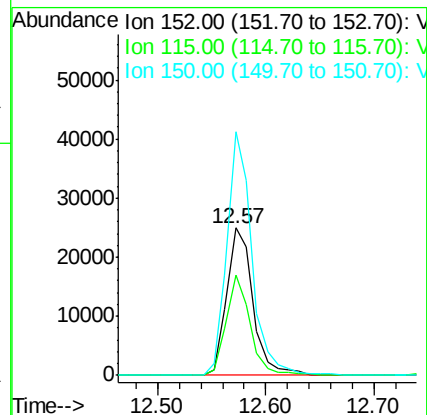
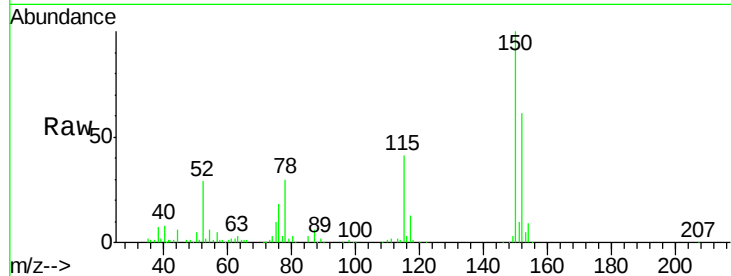
115 68.4 30.1 90.5

150 165.3 0.0 327.6

Manual Integrations
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#95

Naphthalene

Concen: 2.697 ug/l

RT: 14.48 min Scan# 1404

Delta R.T. -0.00 min

Lab File: VF060840.D

Acq: 27 Nov 2018 15:58

Tgt Ion:128 Resp: 10708

Ion Ratio Lower Upper

128 100

127 16.4 9.9 14.9#

129 14.5 9.1 13.7#

