

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF111918\
 Data File : VF060793.D
 Acq On : 19 Nov 2018 23:22
 Operator : VA/AP
 Sample : J5950-12
 Misc : 5.50µ/5mL/MSVOA-F/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 SSI-15

Manual Integrations
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Quant Time: Nov 20 03:24:19 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F111318S.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 14 03:11:14 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.88	168	176575	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	5.61	114	319879	50.00	ug/l	-0.01
63) Chlorobenzene-d5	9.78	117	283378	50.00	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	12.56	152	175801	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.86	65	106779	53.02	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.04%	
35) Dibromofluoromethane	4.12	113	126187	52.48	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	104.96%	
50) Toluene-d8	7.56	98	302887	49.02	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	98.04%	
62) 4-Bromofluorobenzene	11.42	95	157882	55.97	ug/l	0.00
Spiked Amount 50.000			Recovery	=	111.94%	
Target Compounds						
20) Methylene Chloride	2.18	84	7951m	2.860	ug/l	
95) Naphthalene	14.47	128	10198	1.409	ug/l #	90

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

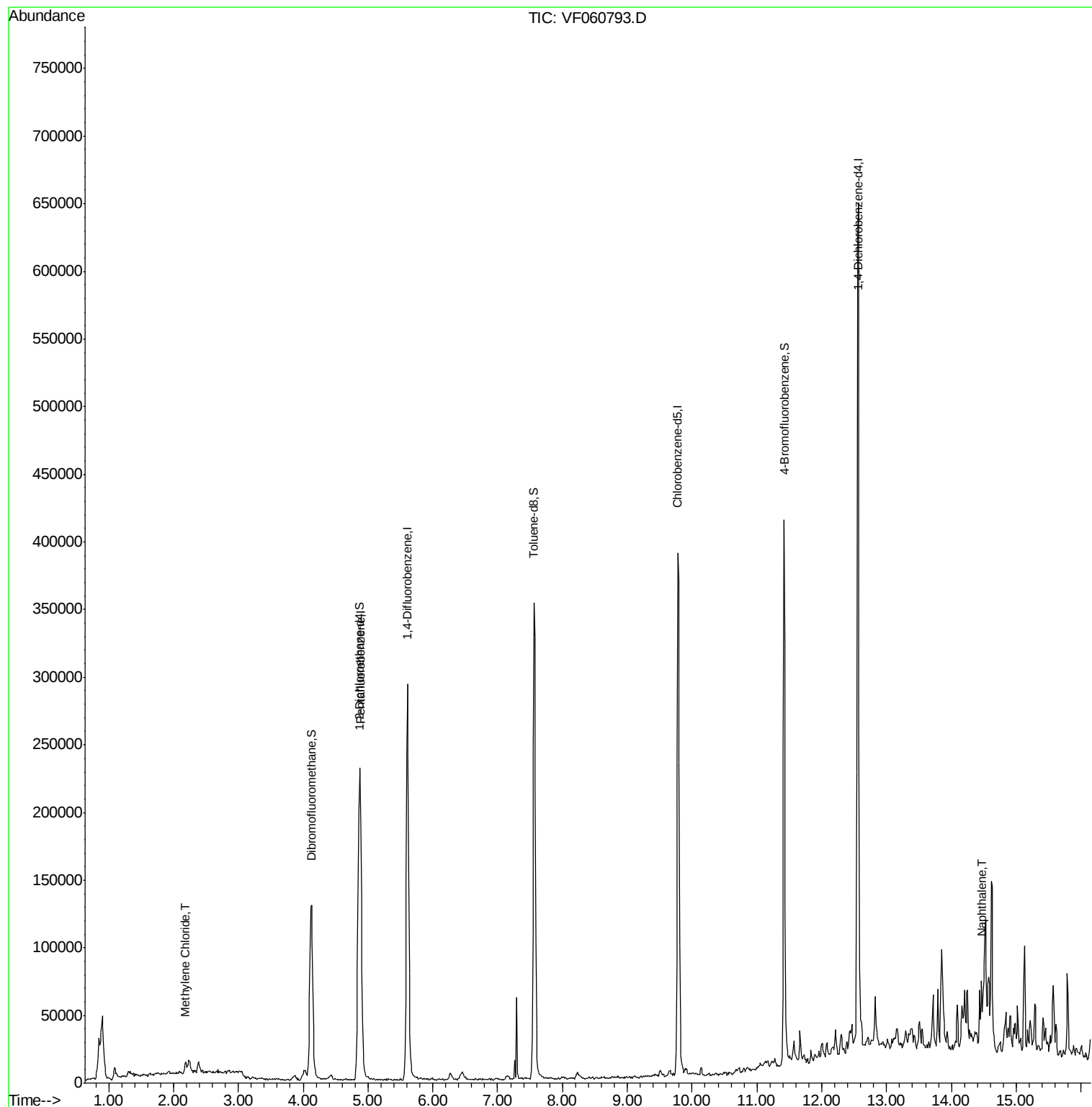
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF111918\
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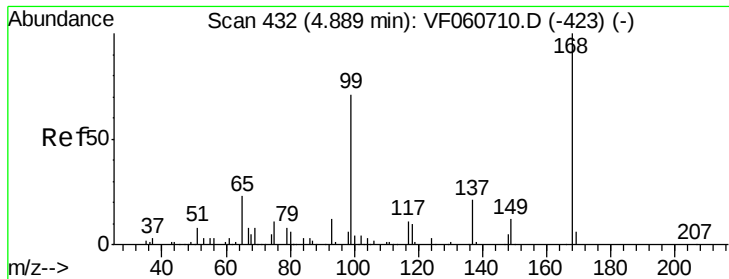
Instrument :
MSVOA_F
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SSI-15

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Quant Time: Nov 20 03:24:19 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_F\METHODS\82F111318S.M
Quant Title : SW846 8260
QLast Update : Wed Nov 14 03:11:14 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.88 min Scan# 431

Delta R.T. -0.01 min

Lab File: VF060793.D

Acq: 19 Nov 2018 23:22

Instrument :
MSVOA_F
ClientSampled :
SSI-15

Tot Ion:168 Resp: 176575

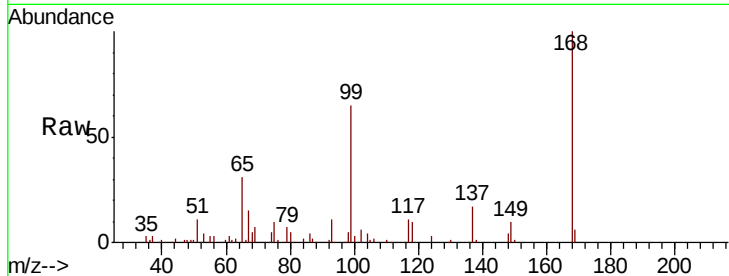
Ion Ratio Lower Upper

168 100

99 65.1 57.2 85.8

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Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

4.88

60000

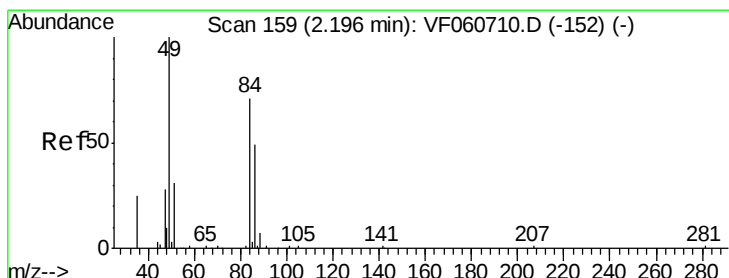
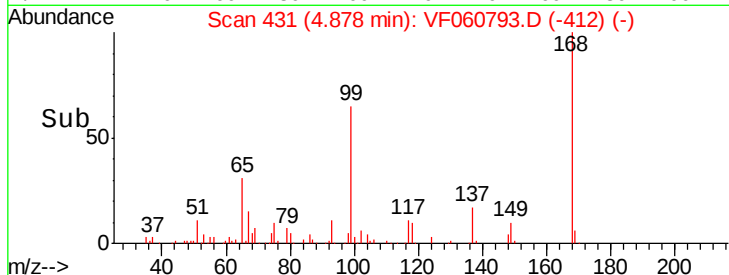
40000

20000

0

Time-->

4.70 4.80 4.90 5.00 5.10



#20

Methylene Chloride

Concen: 2.860 ug/l m

RT: 2.18 min Scan# 158

Delta R.T. -0.01 min

Lab File: VF060793.D

Acq: 19 Nov 2018 23:22

Tgt Ion: 84 Resp: 7951

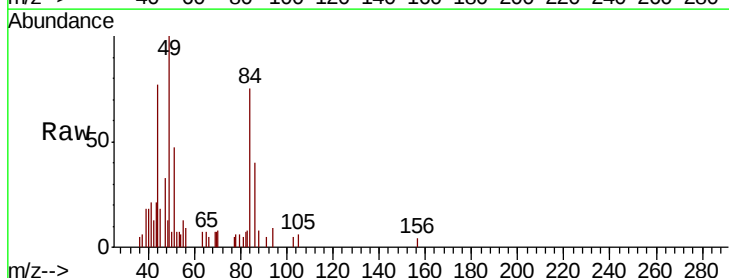
Ion Ratio Lower Upper

84 100

49 132.7 120.2 180.4

51 62.7 37.2 55.8#

86 52.8 55.1 82.7#



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

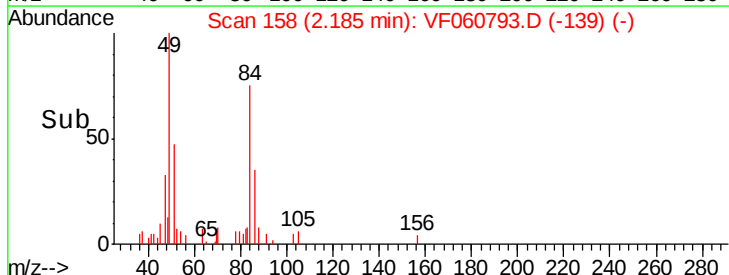
2000

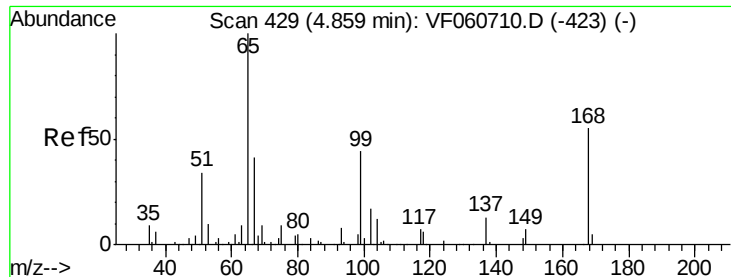
1000

0

Time-->

2.10 2.20 2.30





#33

1,2-Dichloroethane-d4

Concen: 53.017 ug/l

RT: 4.86 min Scan# 429

Delta R.T. -0.00 min

Lab File: VF060793.D

Acq: 19 Nov 2018 23:22

Instrument :

MSVOA_F

ClientSampleId :

SSI-15

Tot Ion: 65 Resp: 106779

Ion Ratio Lower Upper

65 100

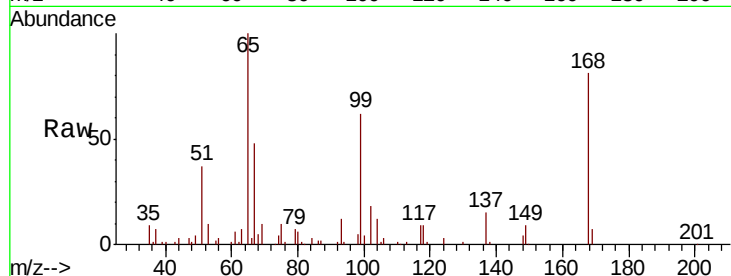
67 48.3 0.0 90.2

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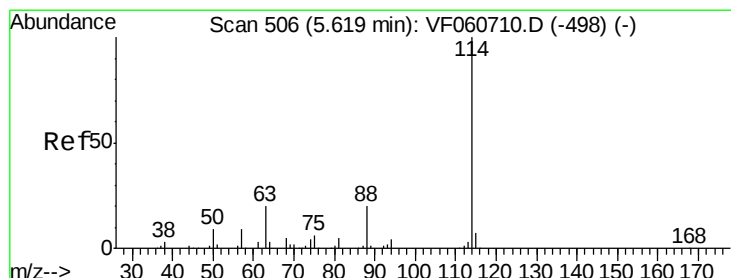
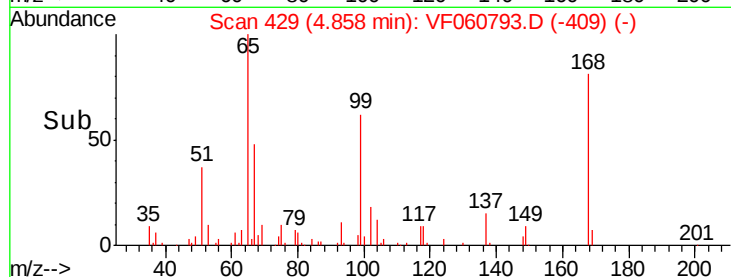
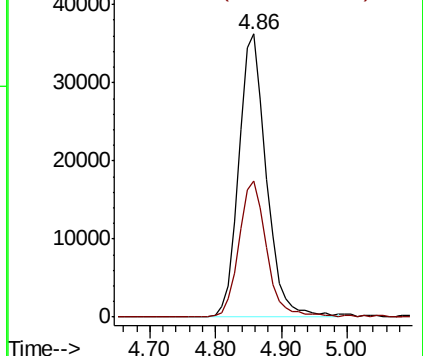
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Abundance Ion 65.00 (64.70 to 65.70): VF0

Ion 67.00 (66.70 to 67.70): VF0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.61 min Scan# 505

Delta R.T. -0.01 min

Lab File: VF060793.D

Acq: 19 Nov 2018 23:22

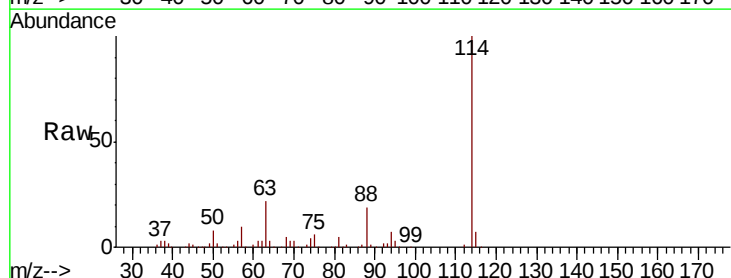
Tgt Ion: 114 Resp: 319879

Ion Ratio Lower Upper

114 100

63 21.6 0.0 40.8

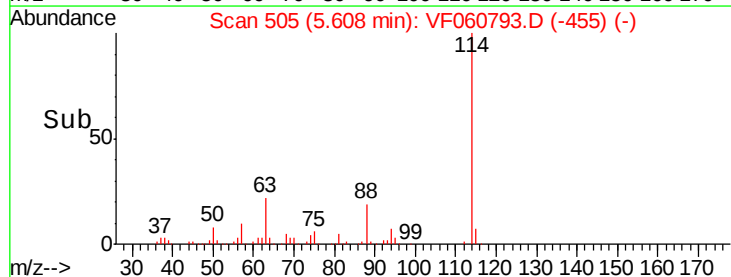
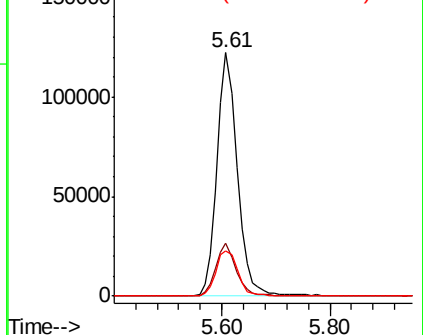
88 18.6 0.0 39.6

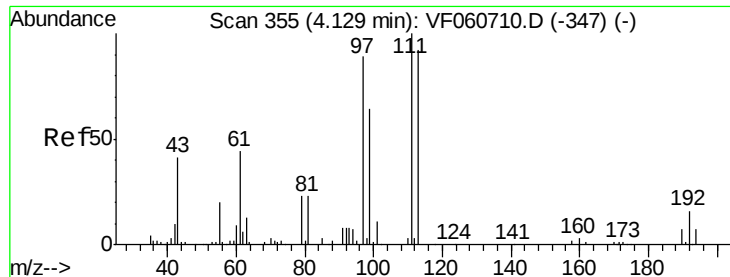


Abundance Ion 114.00 (113.70 to 114.70): V

Ion 63.00 (62.70 to 63.70): VF0

Ion 88.00 (87.70 to 88.70): VF0





#35

Dibromofluoromethane

Concen: 52.479 ug/l

RT: 4.12 min Scan# 354

Delta R.T. -0.01 min

Lab File: VF060793.D

Acq: 19 Nov 2018 23:22

Instrument :

MSVOA_F

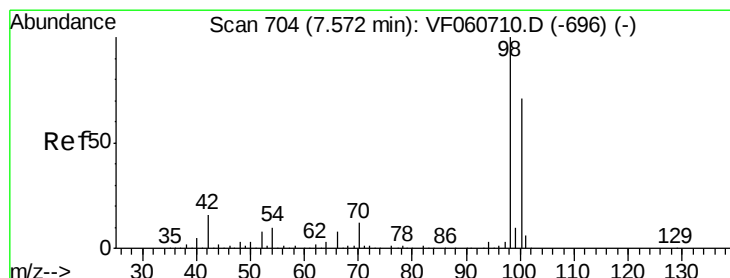
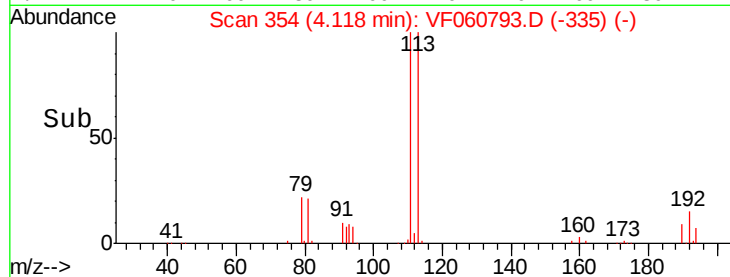
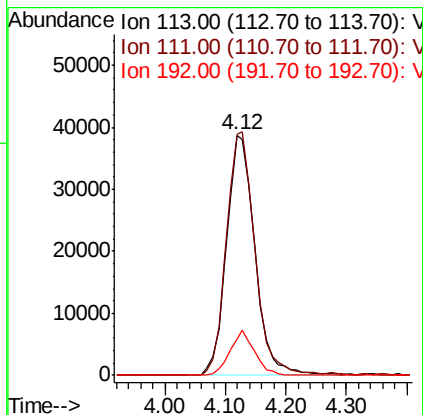
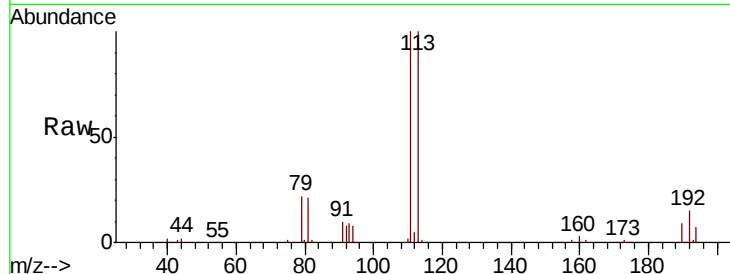
ClientSampled :

SSI-15

Tot Ion:	113	Resp:	126187
Ion Ratio	Lower	Upper	
113	100		
111	100.3	87.1	130.7
192	14.9	13.8	20.6

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#50

Toluene-d8

Concen: 49.016 ug/l

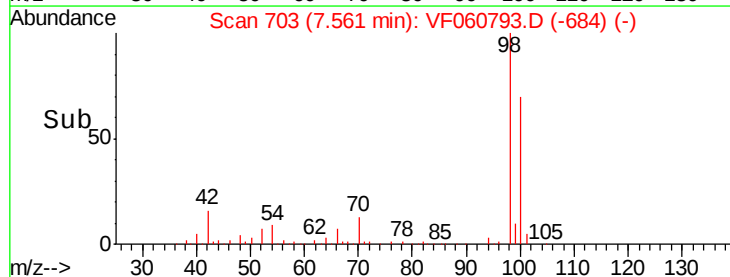
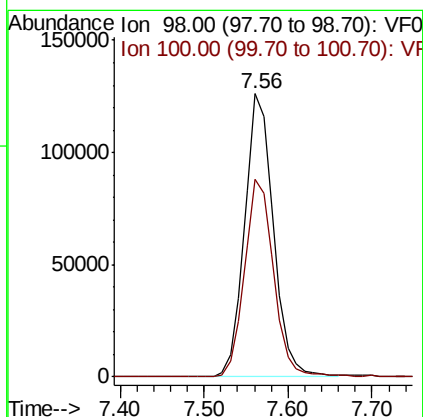
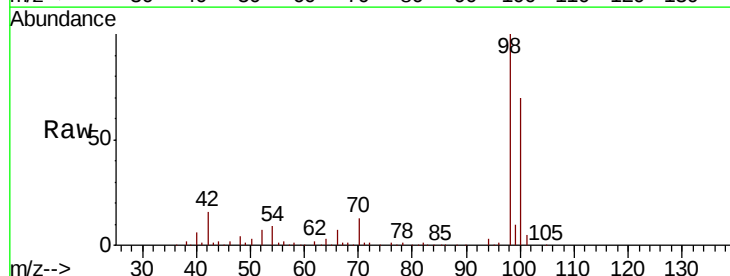
RT: 7.56 min Scan# 703

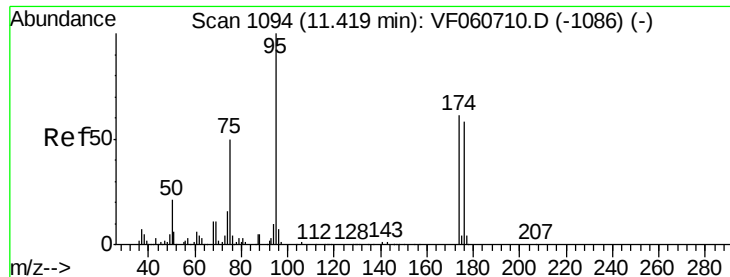
Delta R.T. -0.01 min

Lab File: VF060793.D

Acq: 19 Nov 2018 23:22

Tgt Ion:	98	Resp:	302887
Ion Ratio	Lower	Upper	
98	100		
100	69.7	56.5	84.7





#62

4-Bromofluorobenzene

Concen: 55.969 ug/l

RT: 11.42 min Scan# 1094

Delta R.T. -0.00 min

Lab File: VF060793.D

Acq: 19 Nov 2018 23:22

Instrument :

MSVOA_F

ClientSampleId :

SSI-15

Tot Ion: 95 Resp: 157882

Ion Ratio Lower Upper

95 100

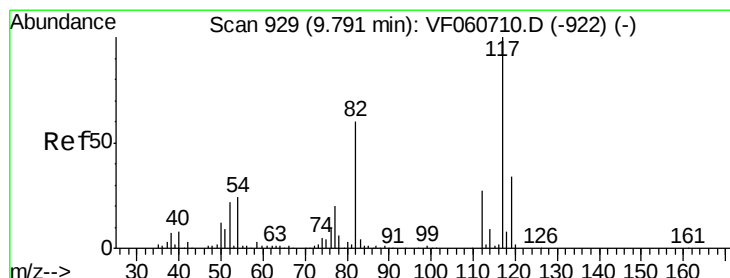
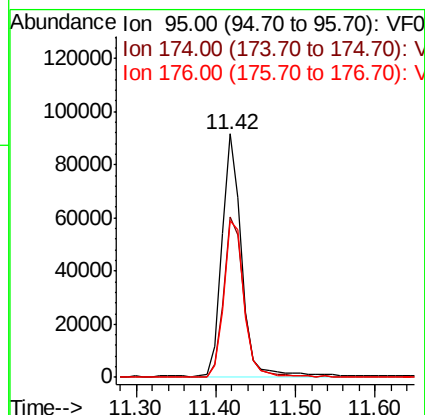
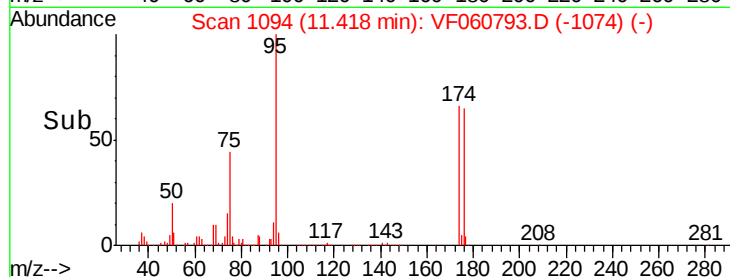
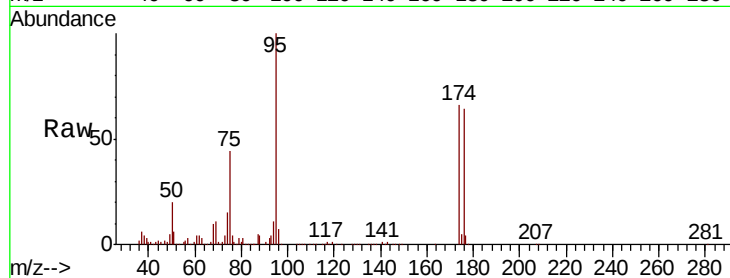
174 66.0 0.0 121.6

176 64.3 0.0 115.2

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#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 9.78 min Scan# 928

Delta R.T. -0.01 min

Lab File: VF060793.D

Acq: 19 Nov 2018 23:22

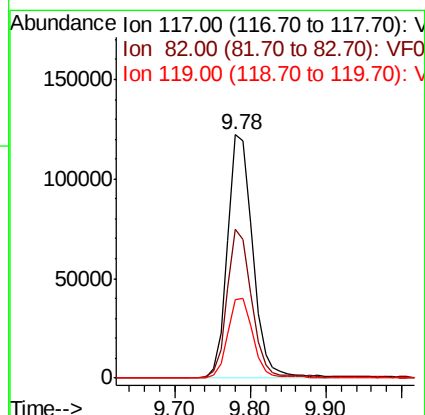
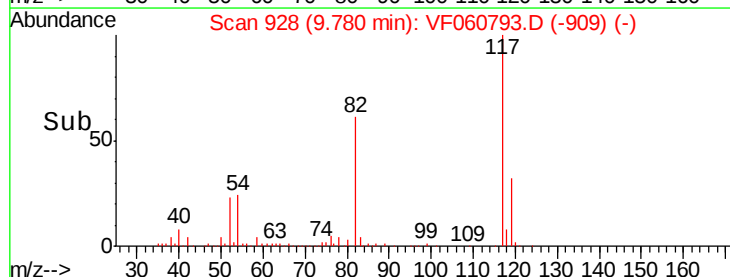
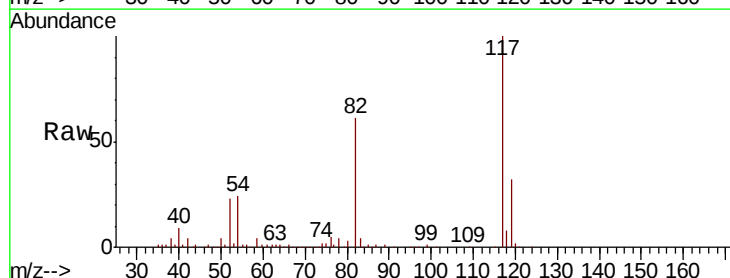
Tgt Ion: 117 Resp: 283378

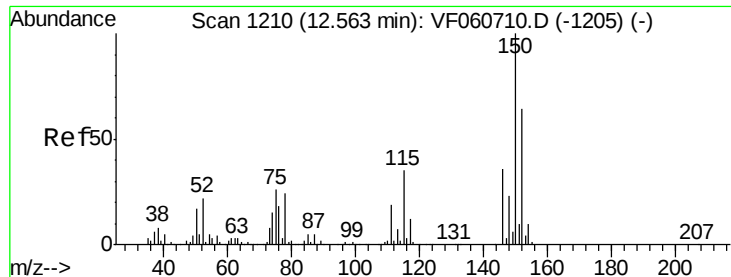
Ion Ratio Lower Upper

117 100

82 61.2 47.9 71.9

119 32.4 26.8 40.2





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.56 min Scan# 1210

Delta R.T. -0.00 min

Lab File: VF060793.D

Acq: 19 Nov 2018 23:22

Instrument :

MSVOA_F

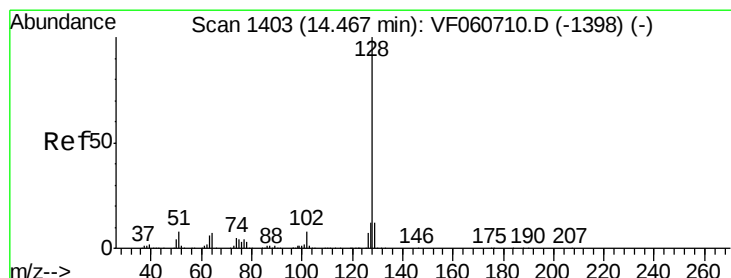
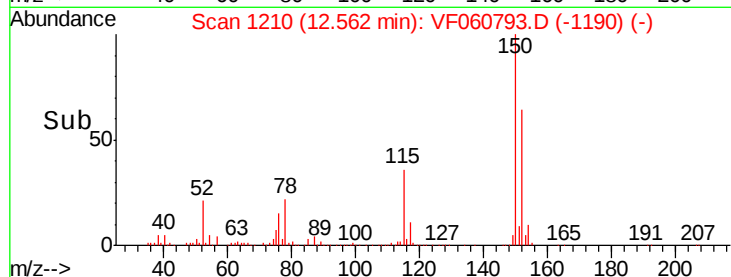
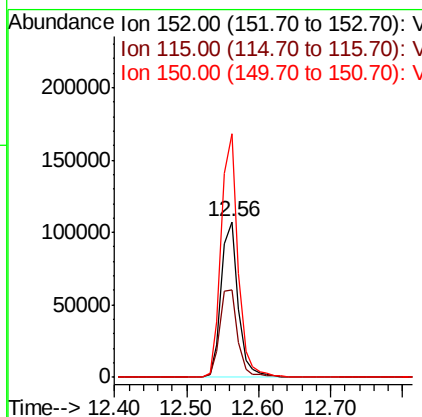
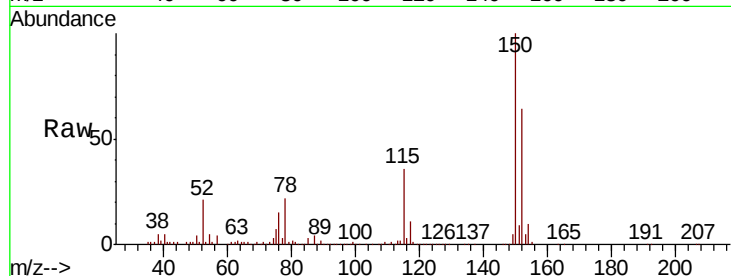
ClientSampled :

SSI-15

Tot Ion:	152	Resp:	175801
Ion Ratio	Lower	Upper	
152	100		
115	56.3	27.9	83.7
150	156.5	0.0	316.4

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#95

Naphthalene

Concen: 1.409 ug/l

RT: 14.47 min Scan# 1403

Delta R.T. -0.00 min

Lab File: VF060793.D

Acq: 19 Nov 2018 23:22

Tgt Ion:	128	Resp:	10198
Ion Ratio	Lower	Upper	
128	100		
127	17.1	9.8	14.6#
129	14.1	9.3	13.9#

