

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF111918\
 Data File : VF060786.D
 Acq On : 19 Nov 2018 20:02
 Operator : VA/AP
 Sample : J5991-01
 Misc : 5.07µ/5mL/MSVOA-F/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 WS-RO-358

Manual Integrations
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Quant Time: Nov 20 02:59:50 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	4.87	168	177109	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	5.60	114	301592	50.00	ug/l	-0.02
63) Chlorobenzene-d5	9.78	117	267236	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.55	152	118678	50.00	ug/l	-0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.85	65	108887	53.90	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.80%	
35) Dibromofluoromethane	4.12	113	126638	55.86	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	111.72%	
50) Toluene-d8	7.56	98	301994	52.06	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.12%	
62) 4-Bromofluorobenzene	11.42	95	137857	51.51	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.02%	
Target Compounds						
20) Methylene Chloride	2.18	84	6031m	1.423	ug/l	
95) Naphthalene	14.46	128	20785	4.254	ug/l	97

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

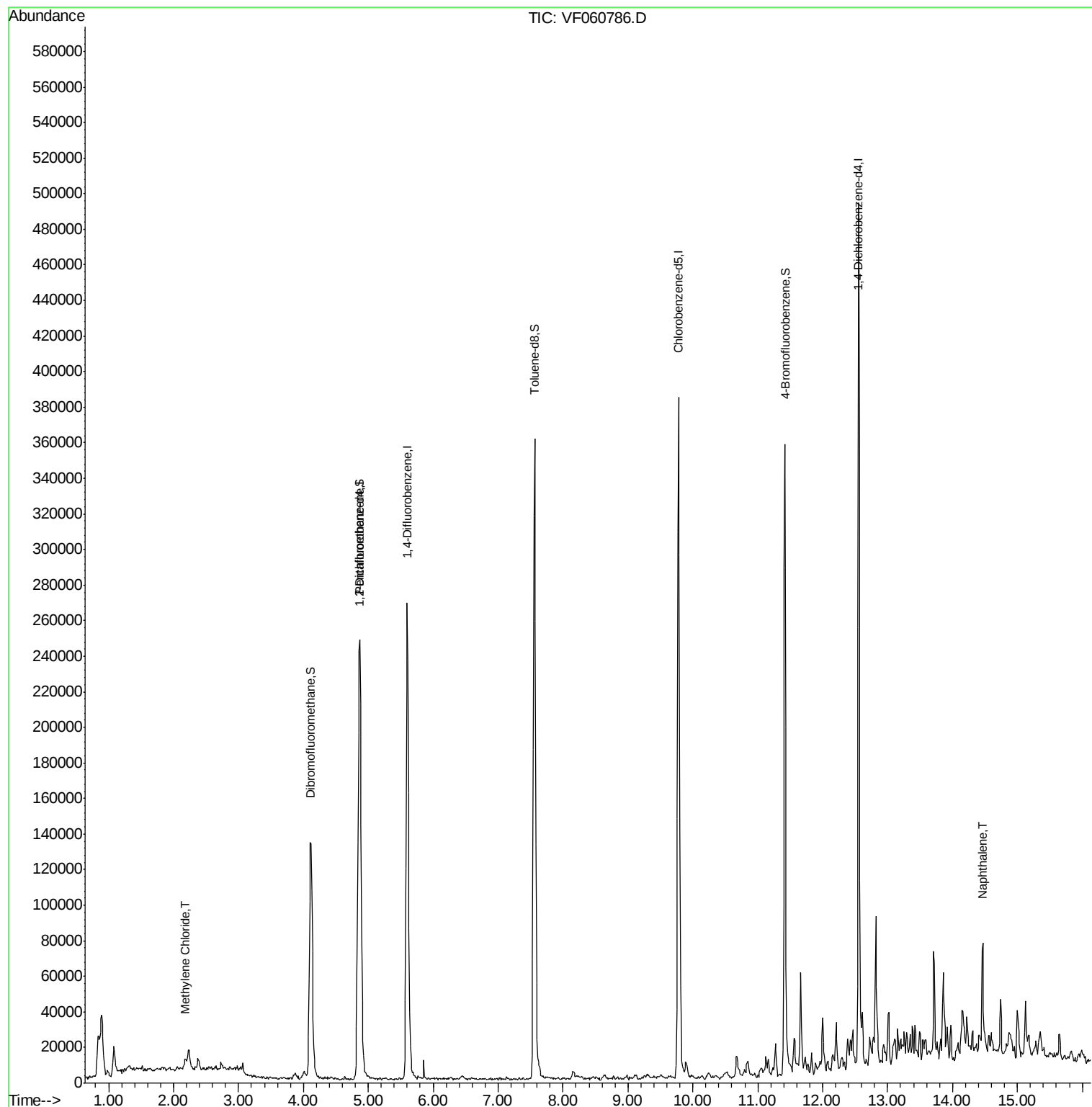
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF111918\
Data File : VF060786.D
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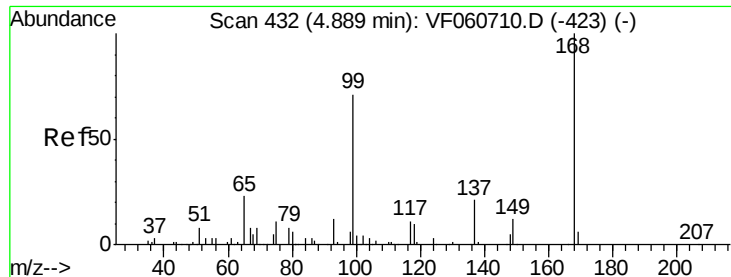
Instrument :
MSVOA_F
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Quant Time: Nov 20 02:59:50 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_F\METHODS\82F111318S.M
Quant Title : SW846 8260
QLast Update : Wed Nov 14 03:11:14 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.87 min Scan# 430

Delta R.T. -0.02 min

Lab File: VF060786.D

Acq: 19 Nov 2018 20:02

Instrument :

MSVOA_F

ClientSampleId :

WS-RO-358

Tot Ion:168 Resp: 177109

Ion Ratio Lower Upper

168 100

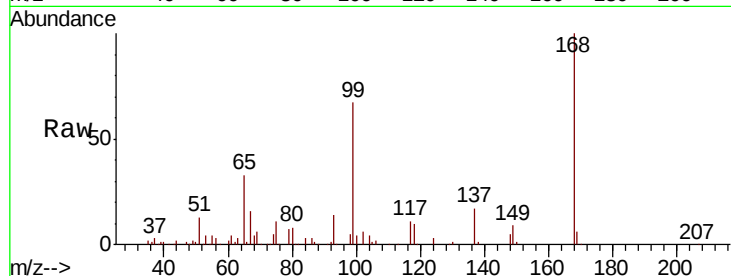
99 66.5 57.2 85.8

Manual Integrations

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Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

4.87

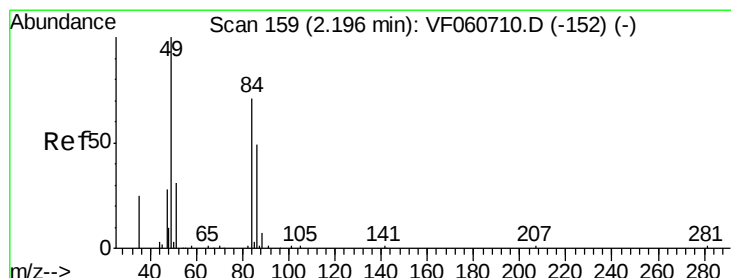
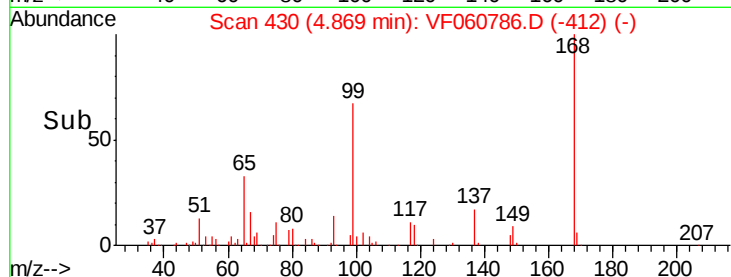
60000

40000

20000

0

Time-->



#20

Methylene Chloride

Concen: 1.423 ug/l m

RT: 2.18 min Scan# 157

Delta R.T. -0.02 min

Lab File: VF060786.D

Acq: 19 Nov 2018 20:02

Tgt Ion: 84 Resp: 6031

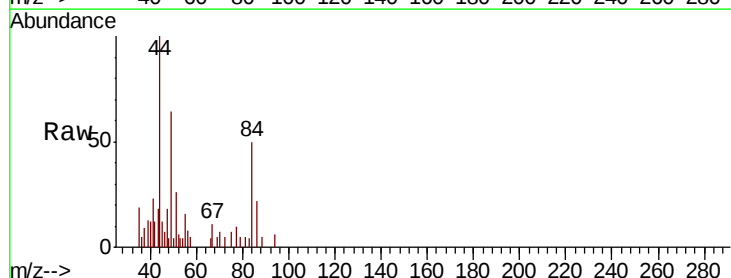
Ion Ratio Lower Upper

84 100

49 128.0 120.2 180.4

51 52.1 37.2 55.8

86 44.7 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

2.18

3000

2500

2000

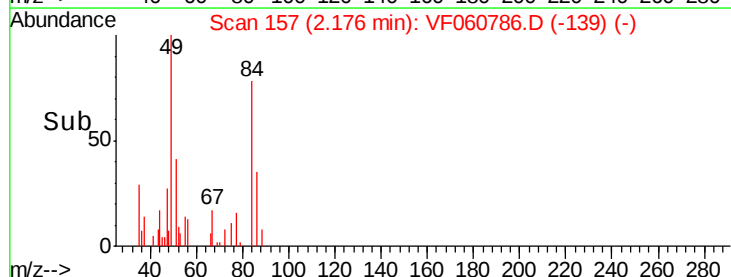
1500

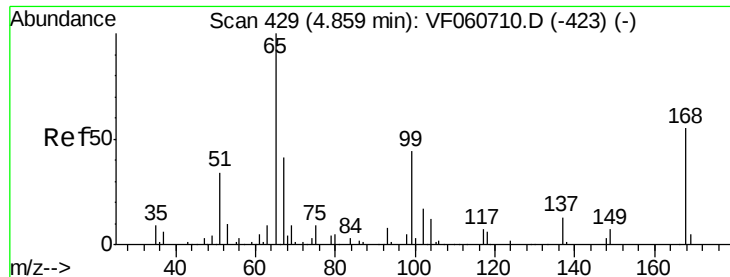
1000

500

0

Time-->





#33

1,2-Dichloroethane-d4

Concen: 53.901 ug/l

RT: 4.85 min Scan# 428

Delta R.T. -0.01 min

Lab File: VF060786.D

Acq: 19 Nov 2018 20:02

Instrument :

MSVOA_F

ClientSampleId :

WS-RO-358

Tot Ion: 65 Resp: 108887

Ion Ratio Lower Upper

65 100

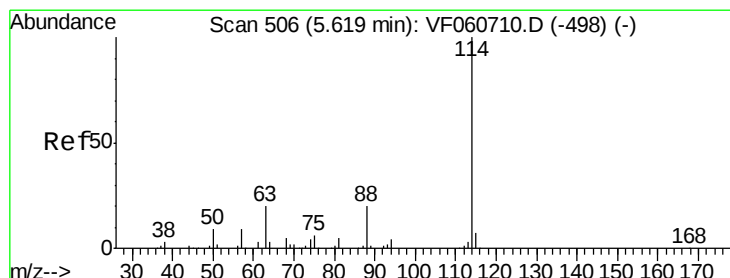
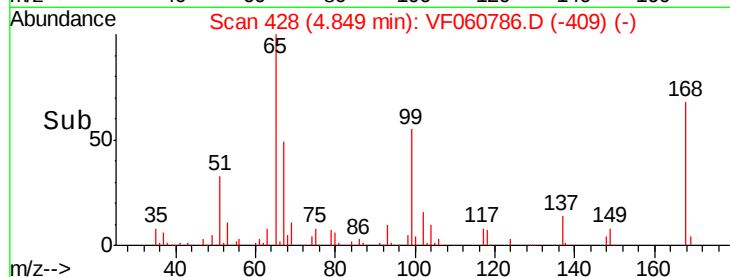
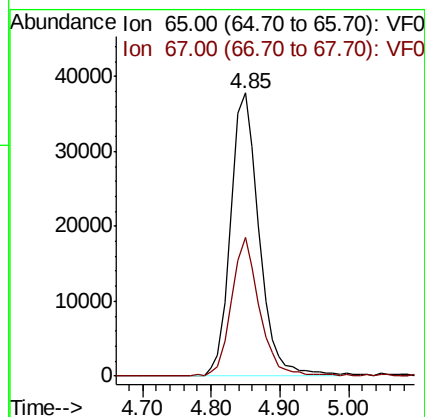
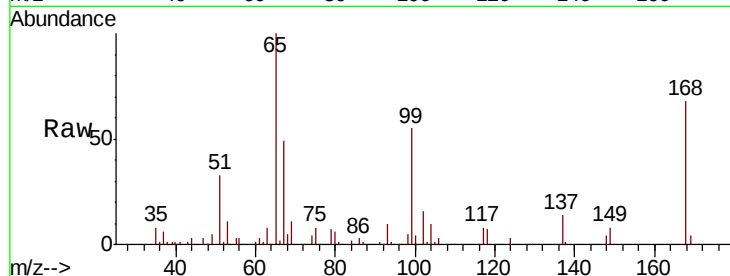
67 48.9 0.0 90.2

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.60 min Scan# 504

Delta R.T. -0.02 min

Lab File: VF060786.D

Acq: 19 Nov 2018 20:02

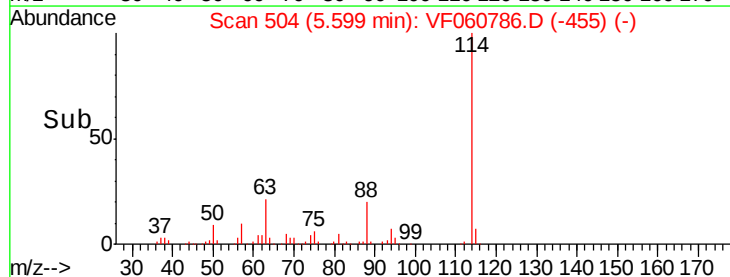
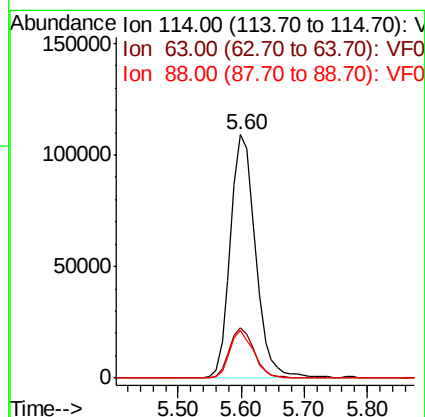
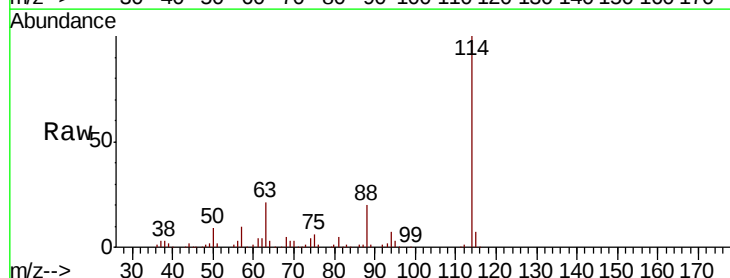
Tgt Ion: 114 Resp: 301592

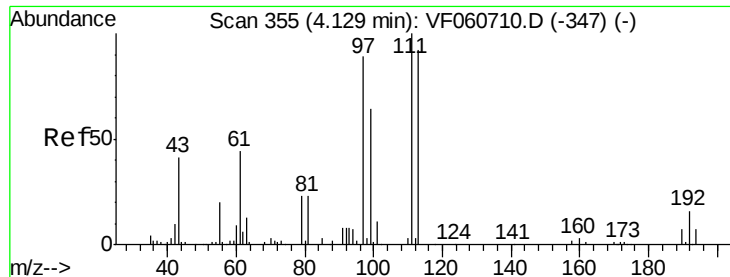
Ion Ratio Lower Upper

114 100

63 20.8 0.0 40.8

88 19.6 0.0 39.6





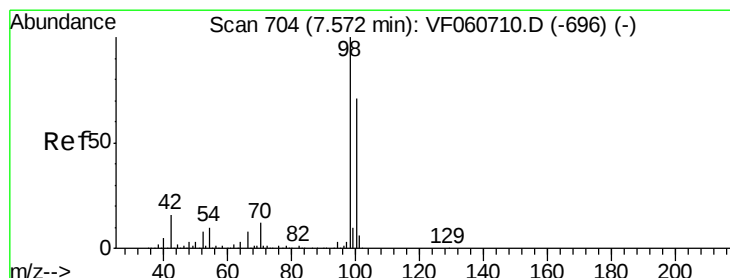
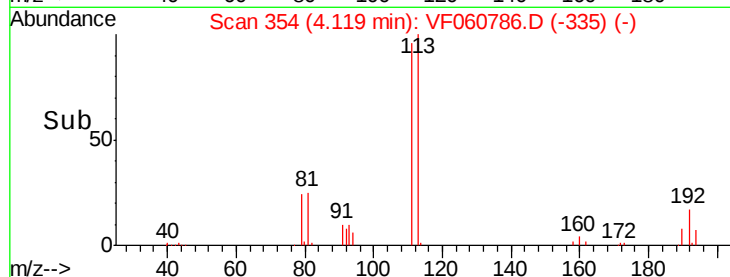
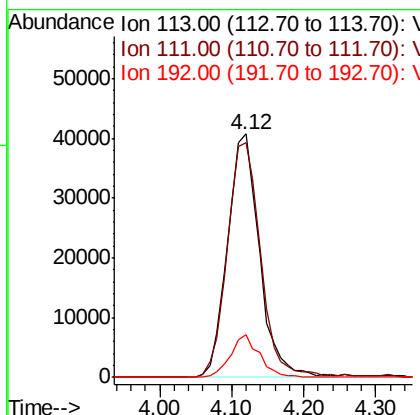
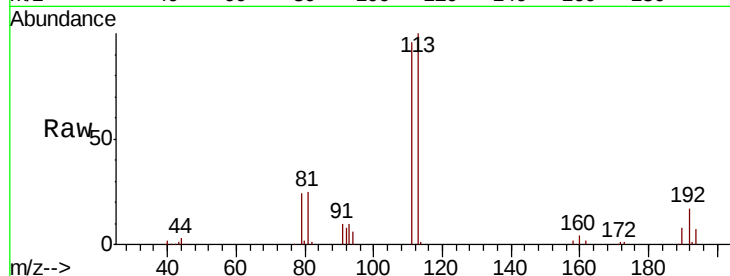
#35
Dibromofluoromethane
Concen: 55.860 ug/l
RT: 4.12 min Scan# 354
Delta R.T. -0.01 min
Lab File: VF060786.D
Acq: 19 Nov 2018 20:02

Instrument :
MSVOA_F
ClientSampleId :
WS-RO-358

Tot Ion	Ratio	Lower	Upper
113	100		
111	96.4	87.1	130.7
192	17.7	13.8	20.6

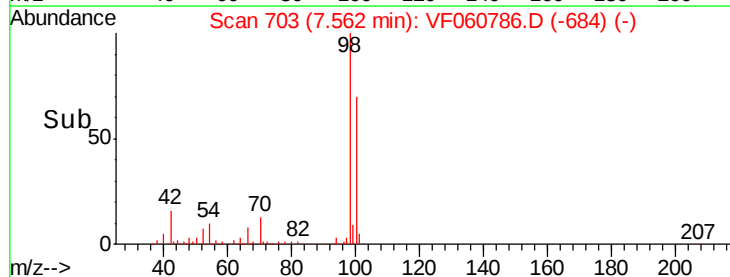
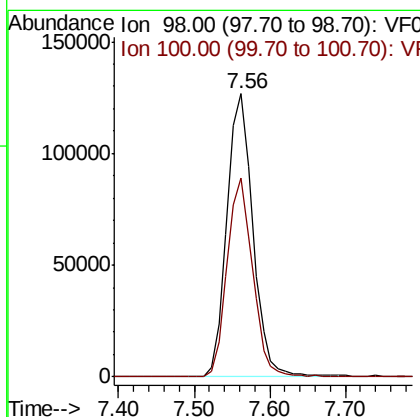
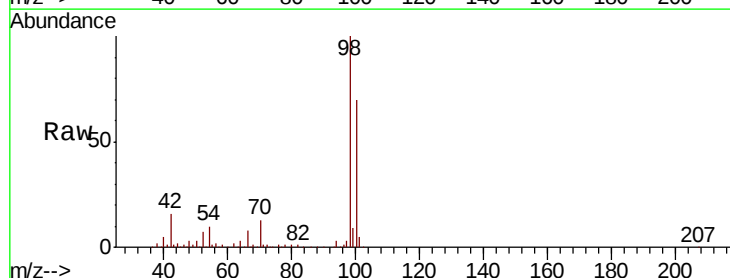
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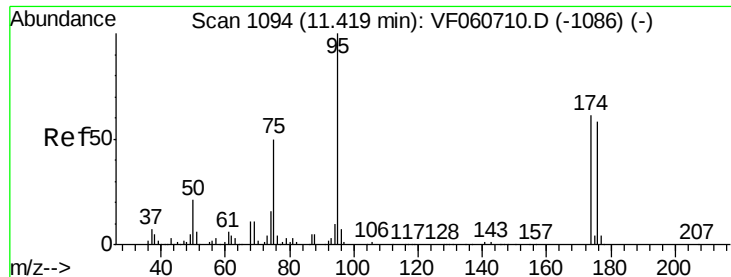
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#50
Toluene-d8
Concen: 52.063 ug/l
RT: 7.56 min Scan# 703
Delta R.T. -0.01 min
Lab File: VF060786.D
Acq: 19 Nov 2018 20:02

Tgt Ion	Ratio	Lower	Upper
98	100		
100	70.2	56.5	84.7





#62

4-Bromofluorobenzene

Concen: 51.508 ug/l

RT: 11.42 min Scan# 1094

Delta R.T. 0.00 min

Lab File: VF060786.D

Acq: 19 Nov 2018 20:02

Instrument :

MSVOA_F

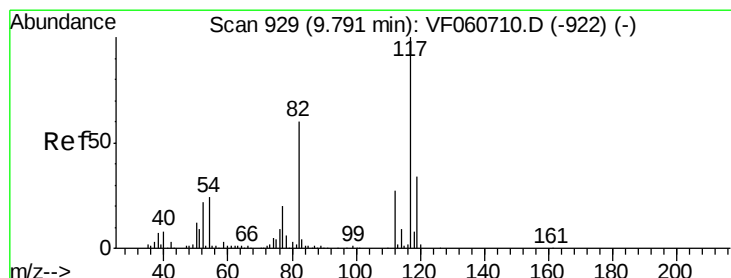
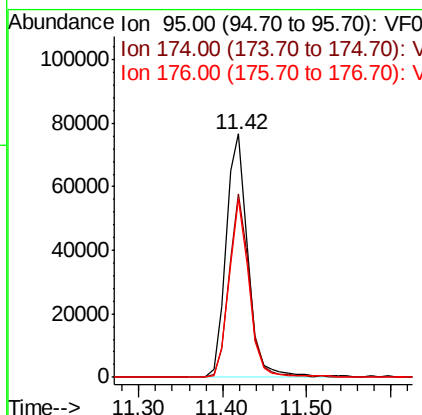
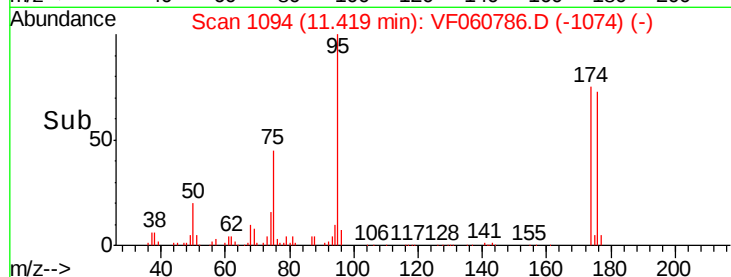
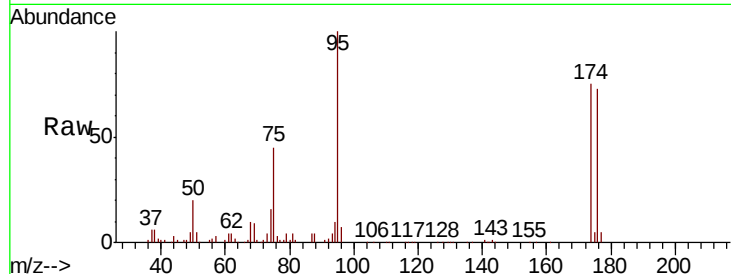
ClientSampleId :

WS-RO-358

Tot Ion:	95	Resp:	137857
Ion Ratio	Lower	Upper	
95	100		
174	75.2	0.0	121.6
176	73.3	0.0	115.2

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#63

Chlorobenzene-d5

Concen: 50.000 ug/l

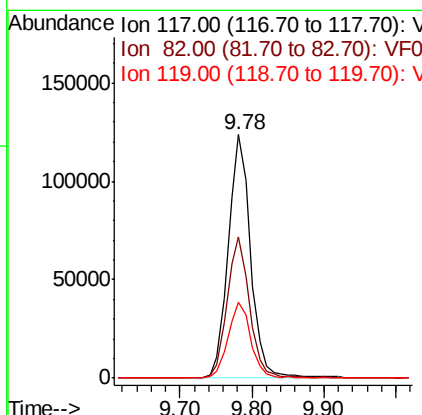
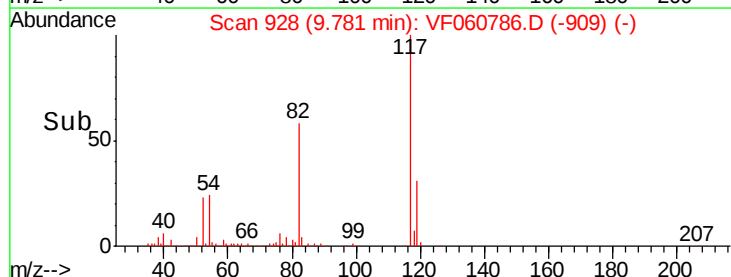
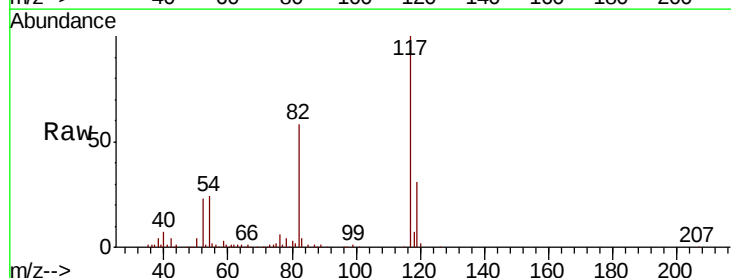
RT: 9.78 min Scan# 928

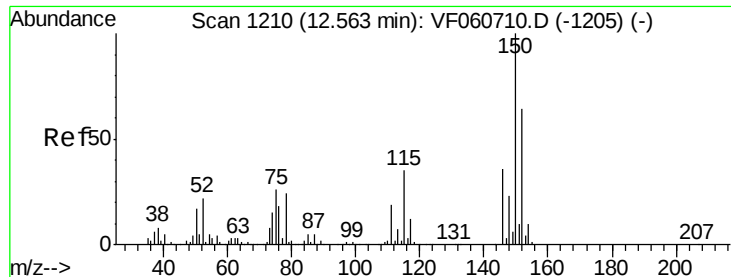
Delta R.T. -0.01 min

Lab File: VF060786.D

Acq: 19 Nov 2018 20:02

Tgt Ion:	117	Resp:	267236
Ion Ratio	Lower	Upper	
117	100		
82	58.0	47.9	71.9
119	31.3	26.8	40.2





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.55 min Scan# 1209

Delta R.T. -0.01 min

Lab File: VF060786.D

Acq: 19 Nov 2018 20:02

Instrument :

MSVOA_F

ClientSampleId :

WS-RO-358

Tot Ion:152 Resp: 118678

Ion Ratio Lower Upper

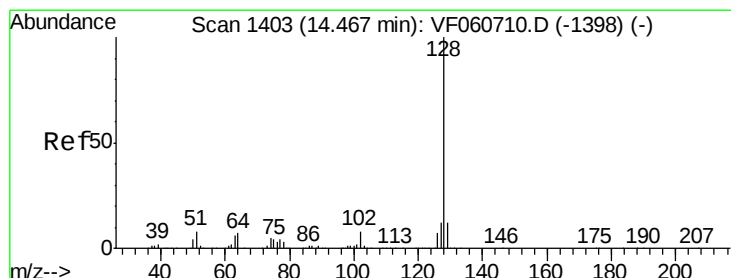
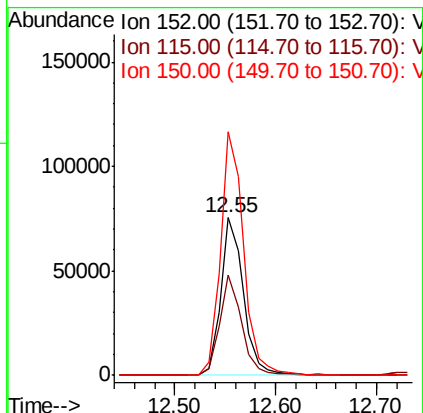
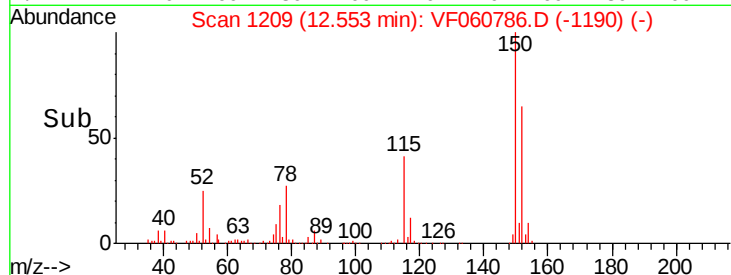
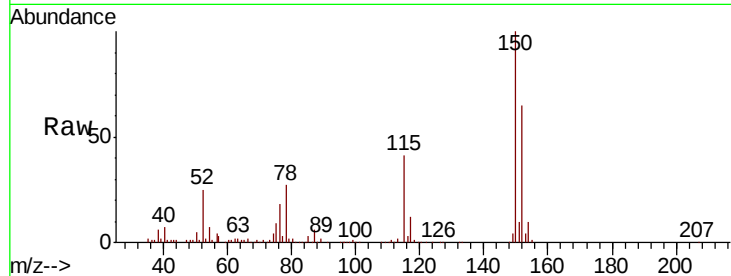
152 100

115 63.4 27.9 83.7

150 154.8 0.0 316.4

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#95

Naphthalene

Concen: 4.254 ug/l

RT: 14.46 min Scan# 1402

Delta R.T. -0.01 min

Lab File: VF060786.D

Acq: 19 Nov 2018 20:02

Tgt Ion:128 Resp: 20785

Ion Ratio Lower Upper

128 100

127 14.0 9.8 14.6

129 11.5 9.3 13.9

