

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF112818\
 Data File : VF060860.D
 Acq On : 28 Nov 2018 17:07
 Operator : VA/AP
 Sample : VIBLK
 Misc : 5.00g/5mL/MSVOA-F/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 VIBLK

Manual Integrations
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Quant Time: Nov 29 04:20:48 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	217124	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	5.62	114	365291	50.00	ug/l	-0.02
63) Chlorobenzene-d5	9.80	117	354489	50.00	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	12.57	152	216612	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.86	65	141427	55.29	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	110.58%	
35) Dibromofluoromethane	4.12	113	159803	55.14	ug/l	-0.03
Spiked Amount 50.000			Recovery	=	110.28%	
50) Toluene-d8	7.57	98	427357	50.06	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	100.12%	
62) 4-Bromofluorobenzene	11.43	95	212750	54.84	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	109.68%	

Target Compounds				Qvalue		
20) Methylene Chloride	2.17	84	8103m	4.68	ug/l	

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

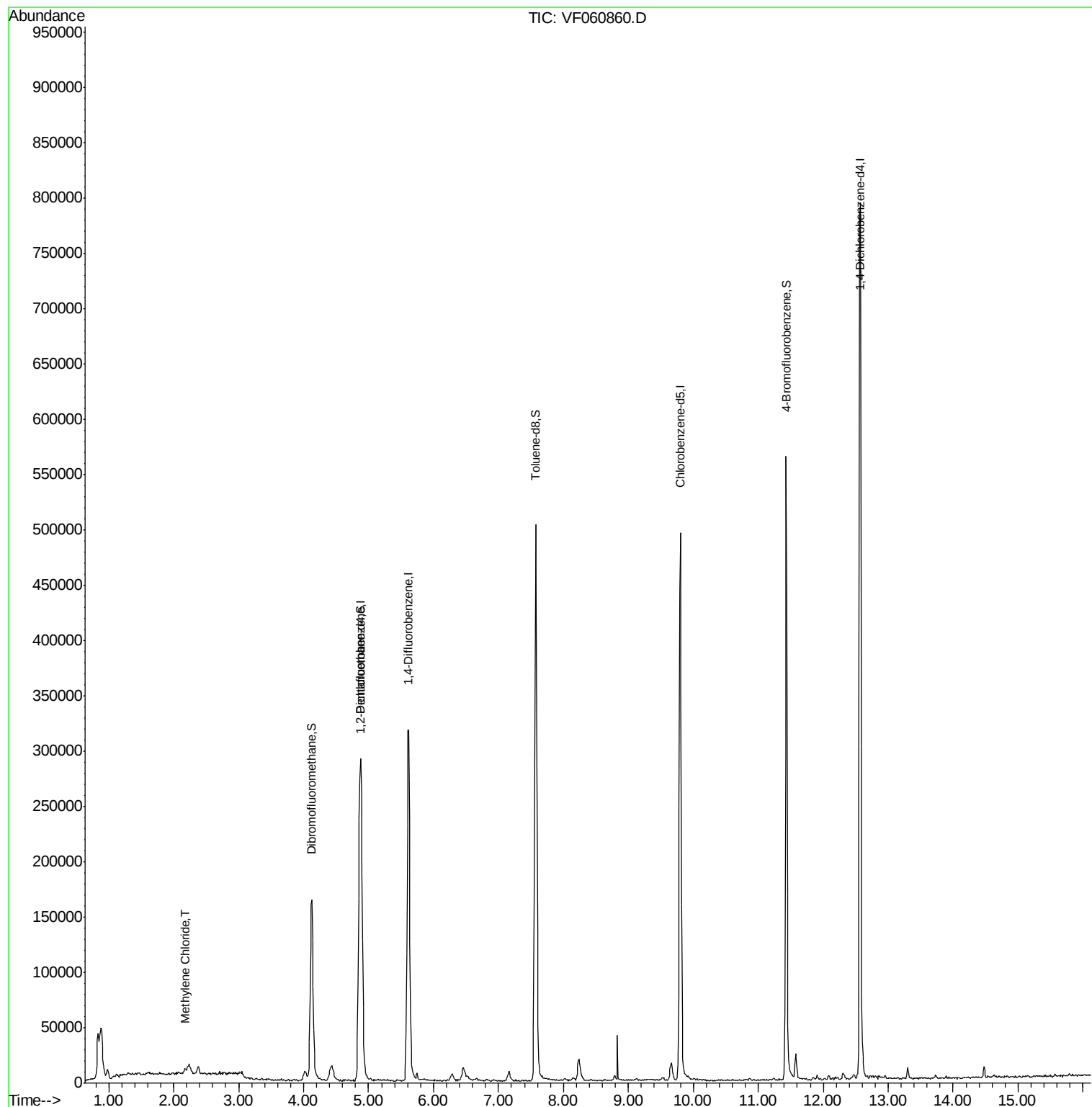
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_F\DATA\VF112818\
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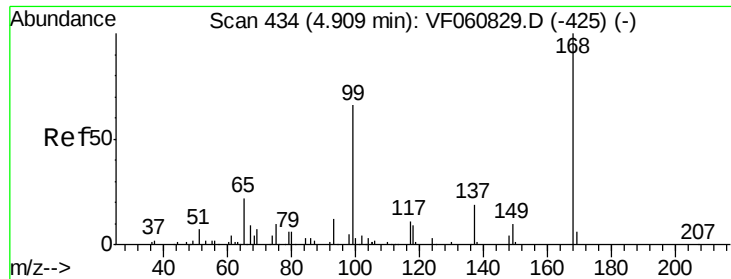
Instrument :
MSVOA_F
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VIBLK

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Quant Time: Nov 29 04:20:48 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: 50.00 ug/l

RT: 4.89 min Scan# 432

Delta R.T. -0.02 min

Lab File: VF060860.D

Acq: 28 Nov 2018 17:07

Instrument :

MSVOA_F

ClientSampleId :

VIBLK

Tgt Ion: 168 Resp: 217124

Ion Ratio Lower Upper

168 100

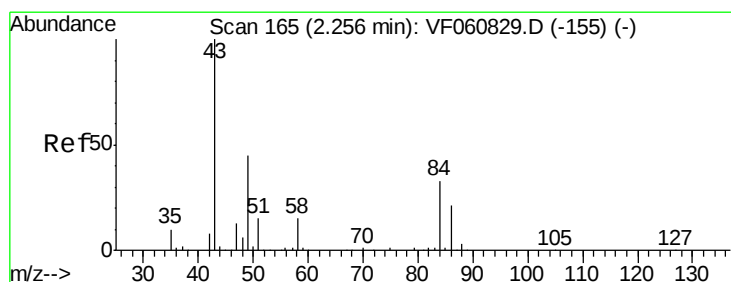
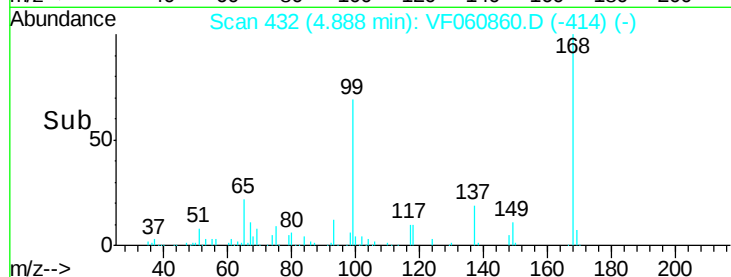
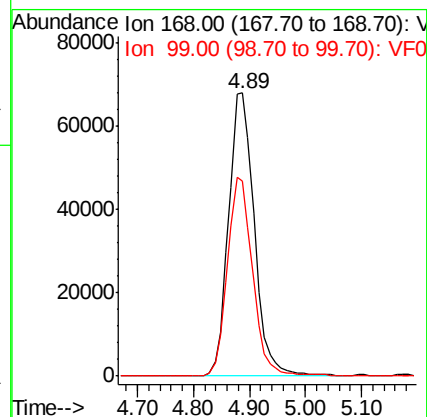
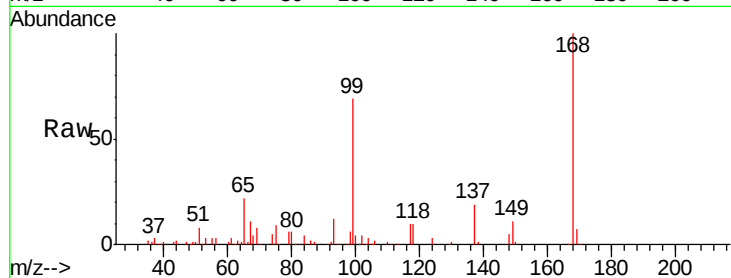
99 69.1 52.6 79.0

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#20

Methylene Chloride

Concen: 4.68 ug/l m

RT: 2.17 min Scan# 157

Delta R.T. -0.08 min

Lab File: VF060860.D

Acq: 28 Nov 2018 17:07

Tgt Ion: 84 Resp: 8103

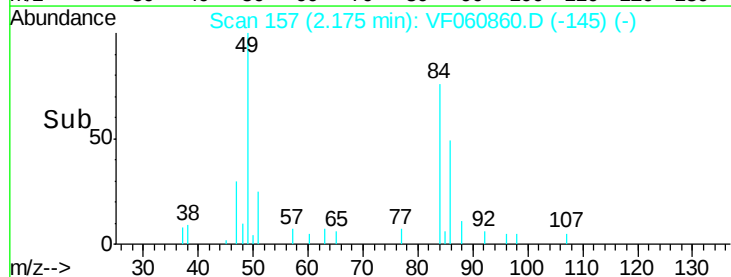
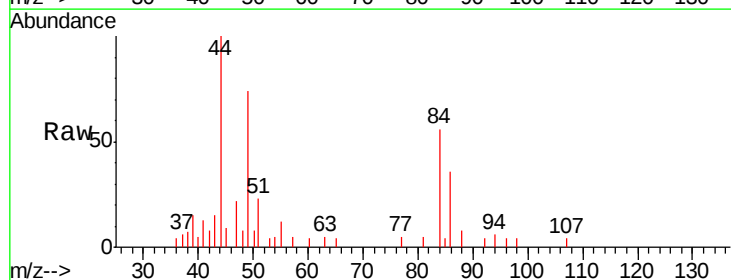
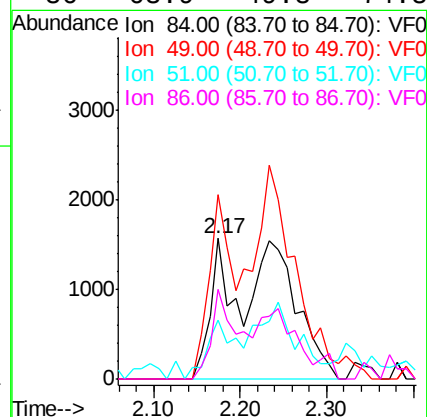
Ion Ratio Lower Upper

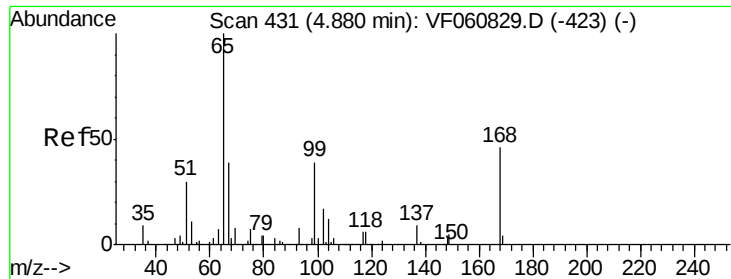
84 100

49 131.2 111.3 166.9

51 41.7 38.0 57.0

86 63.9 49.8 74.8





#33

1,2-Dichloroethane-d4

Concen: 55.29 ug/l

RT: 4.86 min Scan# 429

Delta R.T. -0.02 min

Lab File: VF060860.D

Acq: 28 Nov 2018 17:07

Instrument :

MSVOA_F

ClientSampled :

VIBLK

Tgt Ion: 65 Resp: 141427
Ion Ratio Lower Upper

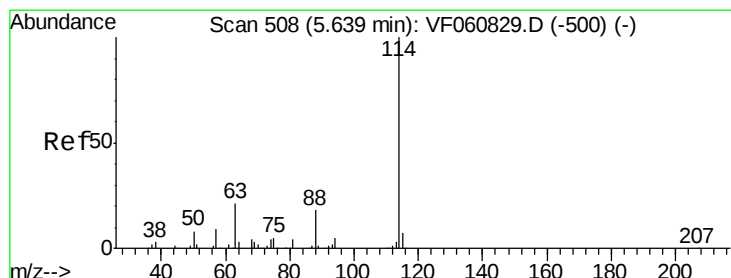
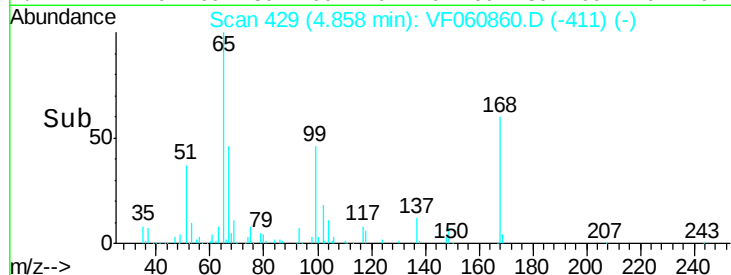
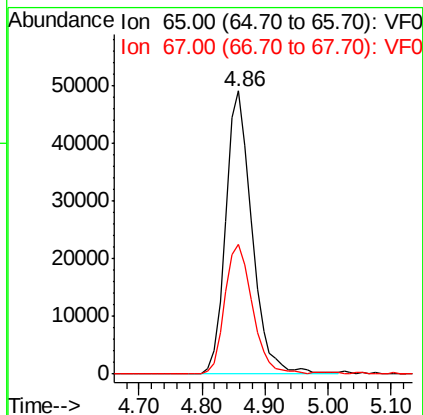
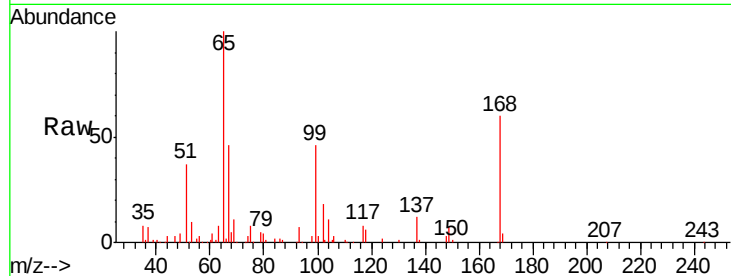
65 100

67 45.9 0.0 96.4

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#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 5.62 min Scan# 506

Delta R.T. -0.02 min

Lab File: VF060860.D

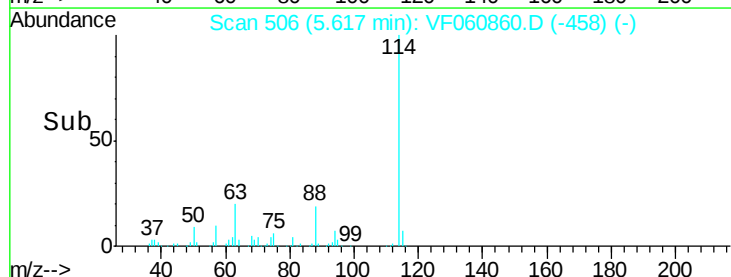
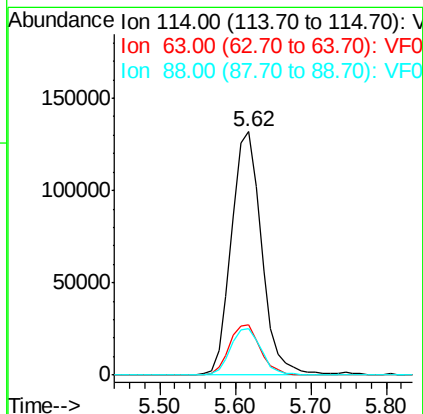
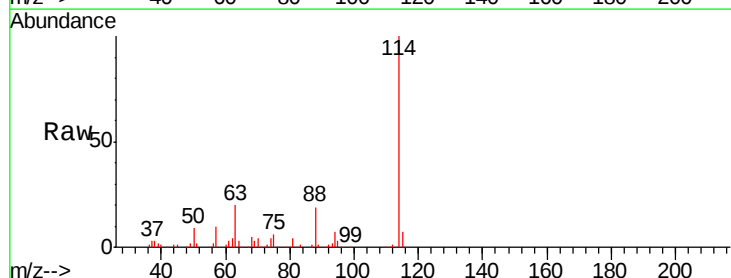
Acq: 28 Nov 2018 17:07

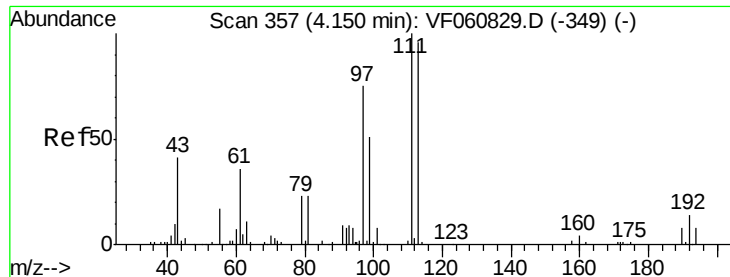
Tgt Ion: 114 Resp: 365291
Ion Ratio Lower Upper

114 100

63 20.4 0.0 41.6

88 19.2 0.0 36.6





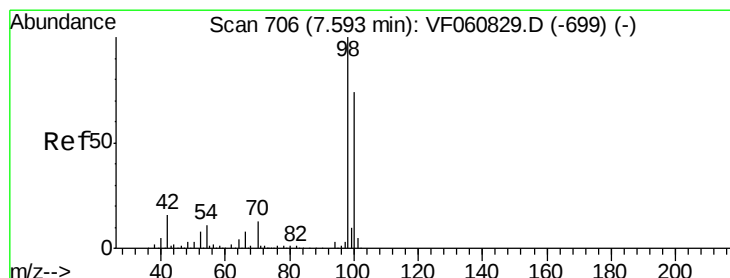
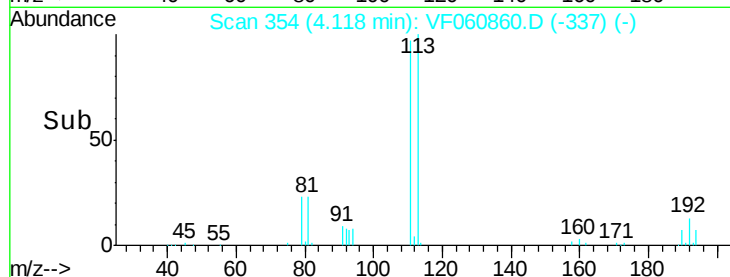
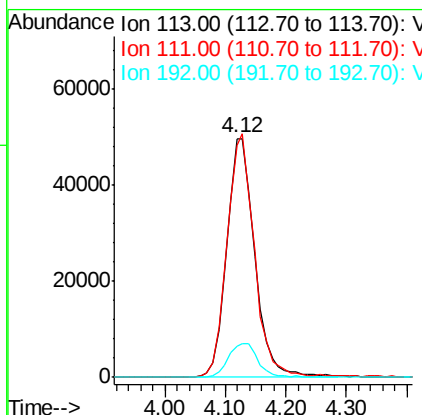
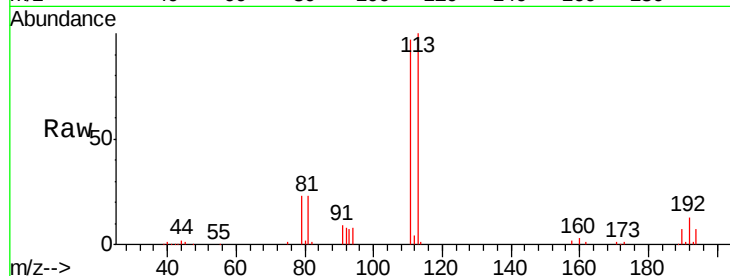
#35
 Dibromofluoromethane
 Concen: 55.14 ug/l
 RT: 4.12 min Scan# 354
 Delta R.T. -0.03 min
 Lab File: VF060860.D
 Acq: 28 Nov 2018 17:07

Instrument :
 MSVOA_F
 ClientSampled :
 VIBLK

Tgt Ion	Ratio	Resp	Lower	Upper
113	100	159803		
111	97.2	83.0	124.6	
192	13.2	12.3	18.5	

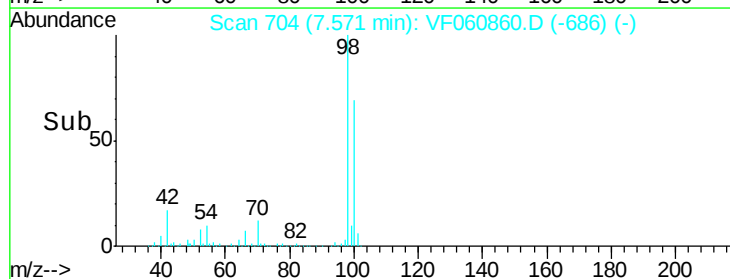
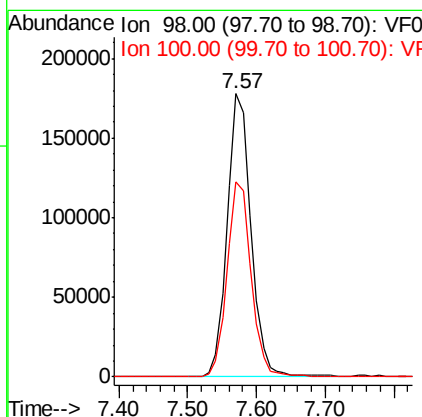
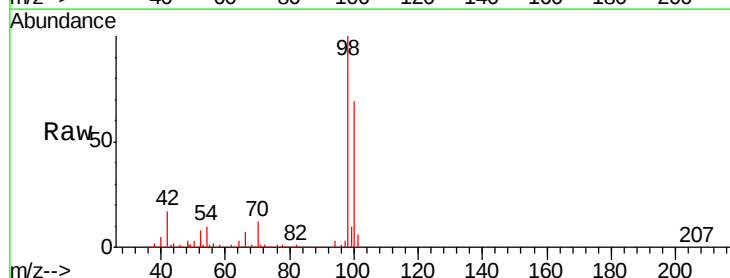
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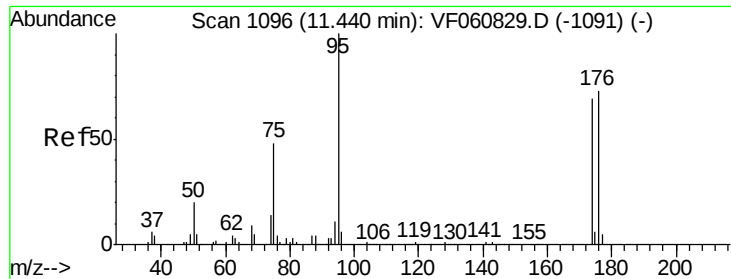
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#50
 Toluene-d8
 Concen: 50.06 ug/l
 RT: 7.57 min Scan# 704
 Delta R.T. -0.02 min
 Lab File: VF060860.D
 Acq: 28 Nov 2018 17:07

Tgt Ion	Ratio	Resp	Lower	Upper
98	100	427357		
100	68.8	59.3	88.9	





#62

4-Bromofluorobenzene

Concen: 54.84 ug/l

RT: 11.43 min Scan# 1095

Delta R.T. -0.01 min

Lab File: VF060860.D

Acq: 28 Nov 2018 17:07

Instrument :

MSVOA_F

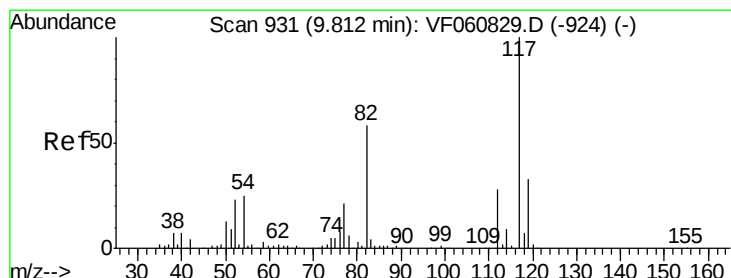
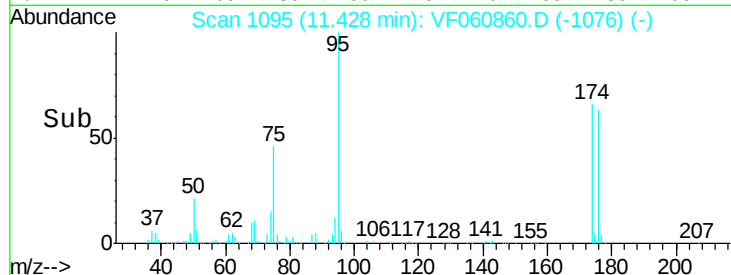
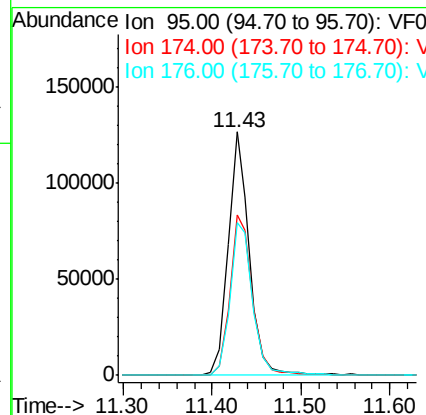
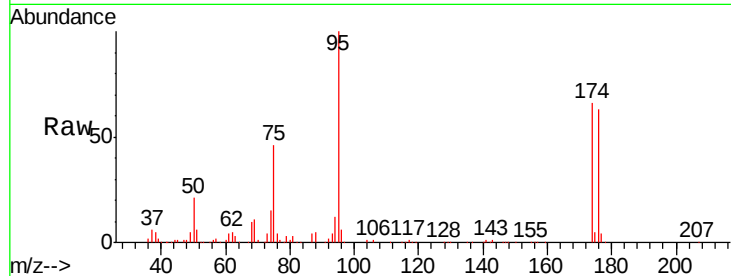
ClientSampled :

VIBLK

Tgt Ion:	95	Resp:	212750
Ion Ratio	Lower	Upper	
95	100		
174	65.8	0.0	138.2
176	62.9	0.0	146.2

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#63

Chlorobenzene-d5

Concen: 50.00 ug/l

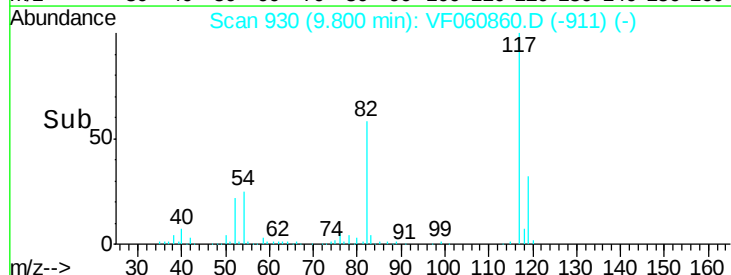
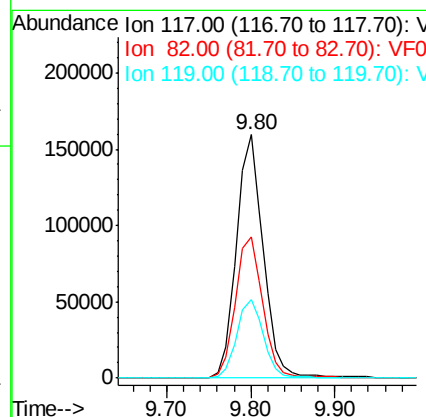
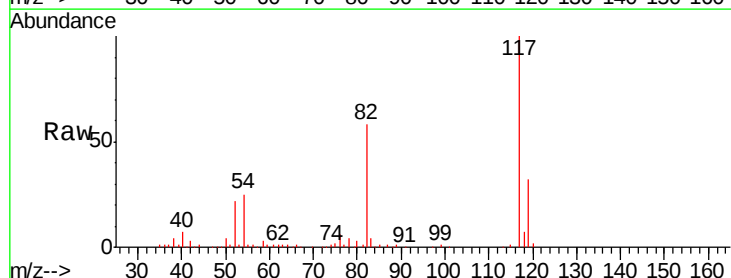
RT: 9.80 min Scan# 930

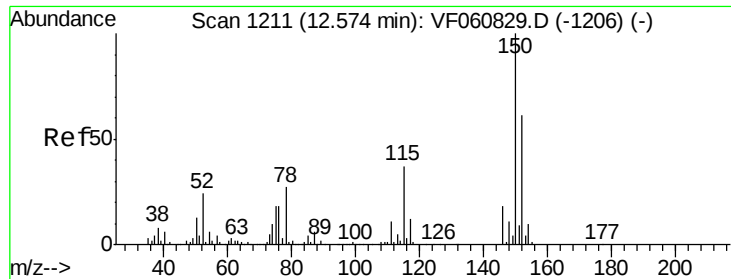
Delta R.T. -0.01 min

Lab File: VF060860.D

Acq: 28 Nov 2018 17:07

Tgt Ion:	117	Resp:	354489
Ion Ratio	Lower	Upper	
117	100		
82	57.8	46.6	69.8
119	32.3	26.4	39.6





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.57 min Scan# 1211

Delta R.T. -0.00 min

Lab File: VF060860.D

Acq: 28 Nov 2018 17:07

Instrument :

MSVOA_F

ClientSampleId :

VIBLK

Tgt Ion:152 Resp: 216612
Ion Ratio Lower Upper

152 100

115 58.7 30.1 90.5

150 156.6 0.0 327.6

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