

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF111518\
 Data File : VF060753.D
 Acq On : 15 Nov 2018 18:16
 Operator : VA/AP
 Sample : J5942-05
 Misc : 5.84g/5mL/MSVOA-F/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 VW-F1

Manual Integrations
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 11/16/2018 1:25:49 PM

Quant Time: Nov 16 05:40:48 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	4.86	168	253465	50.00	ug/l	-0.03
34) 1,4-Difluorobenzene	5.59	114	453160	50.00	ug/l	-0.02
63) Chlorobenzene-d5	9.77	117	387721	50.00	ug/l	-0.03
72) 1,4-Dichlorobenzene-d4	12.55	152	216422	50.00	ug/l	-0.02
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.83	65	114346	39.55	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	79.10%	
35) Dibromofluoromethane	4.10	113	141287	41.48	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	82.96%	
50) Toluene-d8	7.55	98	348373	39.05	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	78.10%	
62) 4-Bromofluorobenzene	11.40	95	161867	39.29	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	78.58%	
Target Compounds						
20) Methylene Chloride	2.18	84	21290m	7.96	ug/l	Qvalue
30) Chloroform	3.86	83	18139	2.67	ug/l	87
52) Toluene	7.62	92	22578	2.88	ug/l	97

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

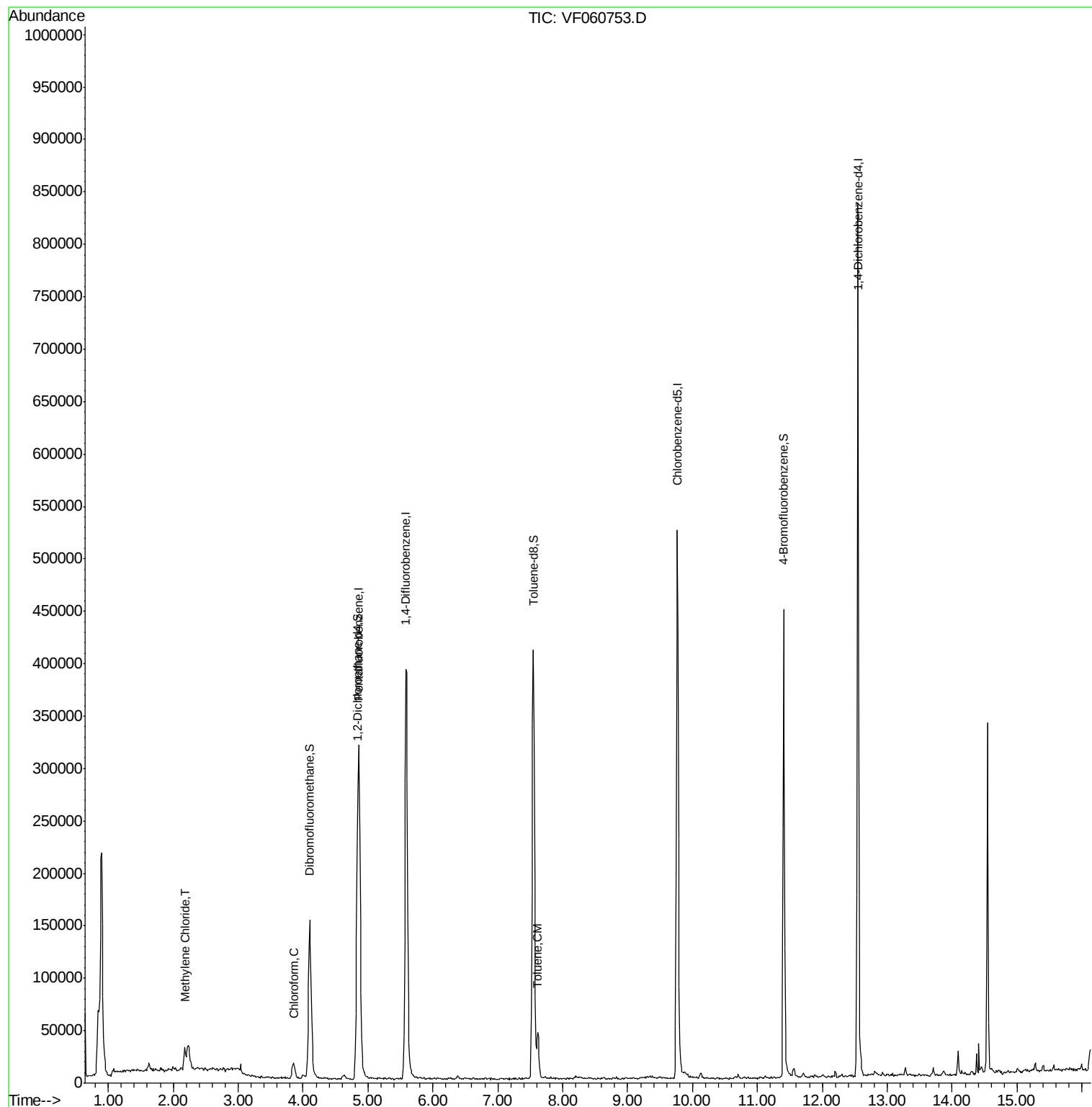
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_F\DATA\VF111518\
Data File : VF060753.D
Acq On : 15 Nov 2018 18:16
Operator : VA/AP
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Misc : 5.84g/5mL/MSVOA-F/SOIL
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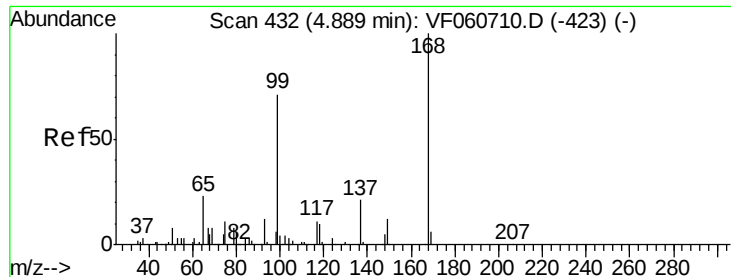
Instrument :
MSVOA_F
ClientSampleId :
VW-F1

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Quant Title : SW846 8260
QLast Update : Wed Nov 14 03:11:14 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 4.86 min Scan# 429

Delta R.T. -0.03 min

Lab File: VF060753.D

Acq: 15 Nov 2018 18:16

Instrument :

MSVOA_F

ClientSampleId :

VW-F1

Tgt Ion: 168 Resp: 253465

Ion Ratio Lower Upper

168 100

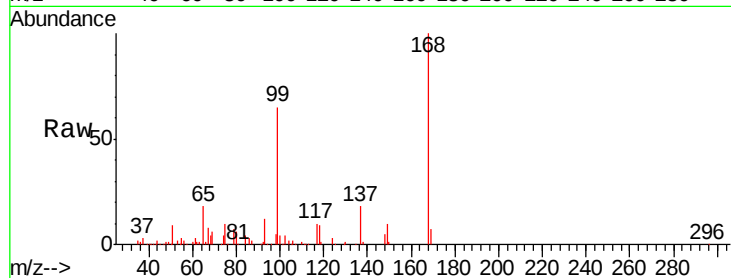
99 64.6 57.2 85.8

Manual Integrations

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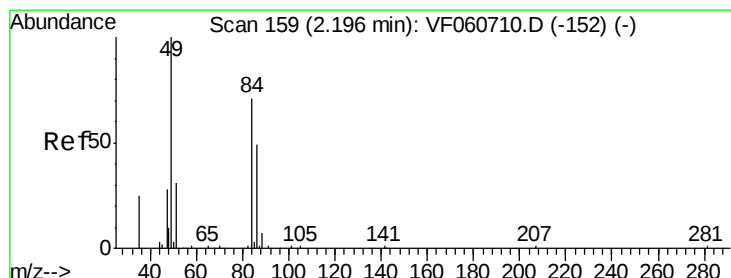
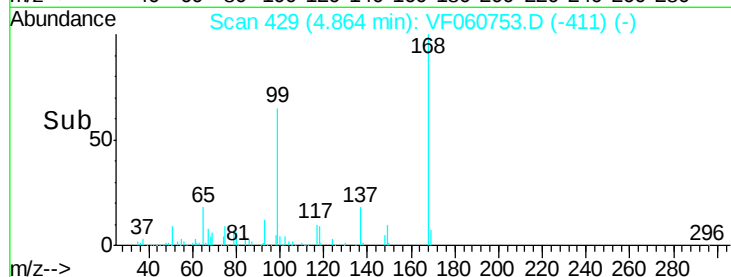
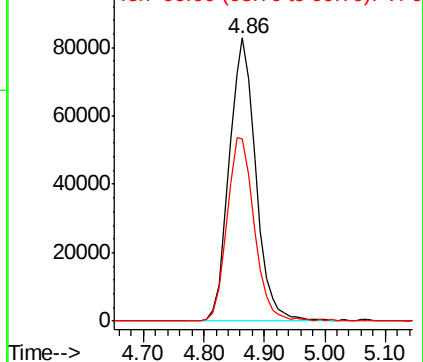
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Abundance Ion 168.00 (167.70 to 168.70): V

Ion 99.00 (98.70 to 99.70): VF0



#20

Methylene Chloride

Concen: 7.96 ug/l m

RT: 2.18 min Scan# 157

Delta R.T. -0.01 min

Lab File: VF060753.D

Acq: 15 Nov 2018 18:16

Tgt Ion: 84 Resp: 21290

Ion Ratio Lower Upper

84 100

49 148.0 120.2 180.4

51 47.4 37.2 55.8

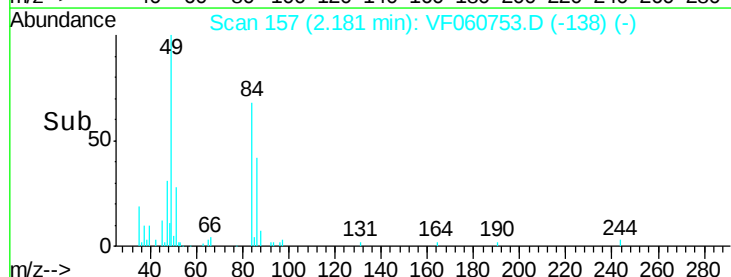
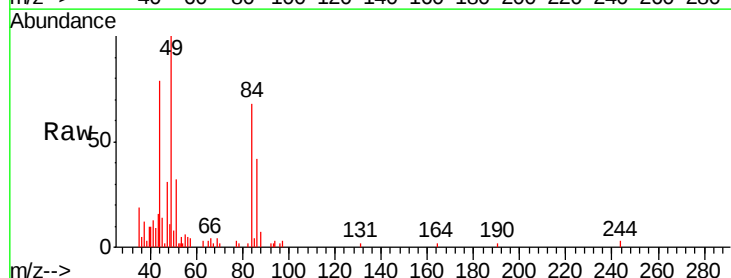
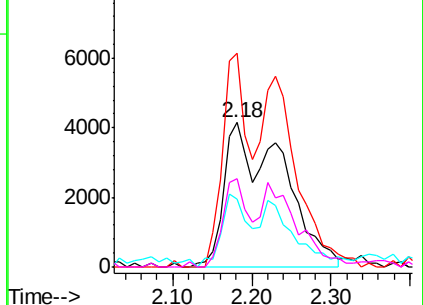
86 61.7 55.1 82.7

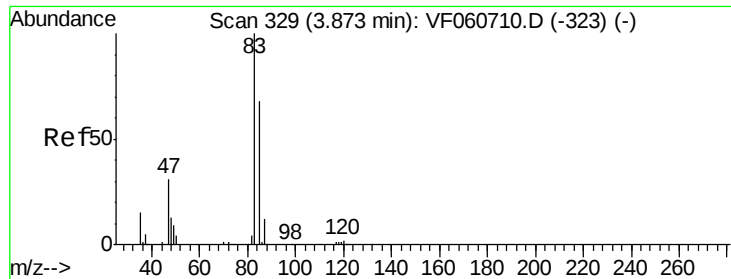
Abundance Ion 84.00 (83.70 to 84.70): VF0

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





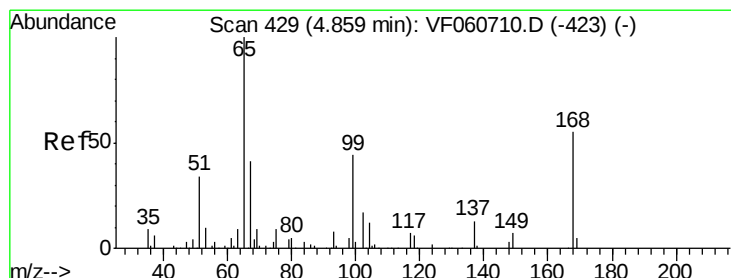
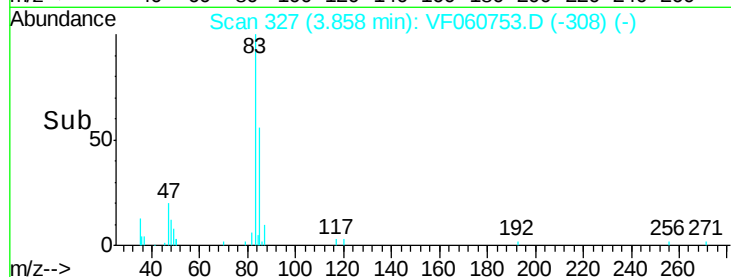
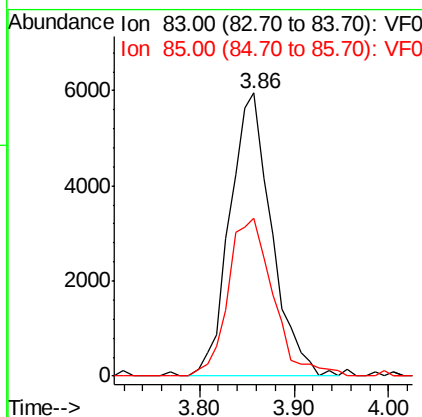
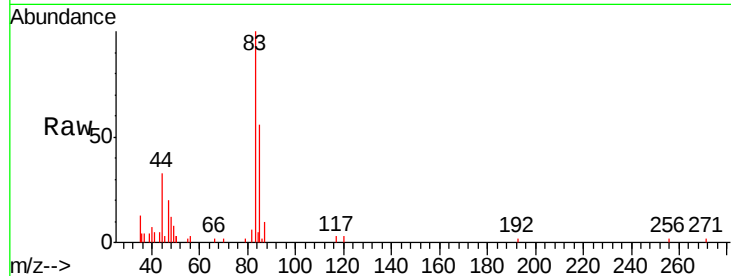
#30
Chloroform
Concen: 2.67 ug/l
RT: 3.86 min Scan# 327
Delta R.T. -0.02 min
Lab File: VF060753.D
Acq: 15 Nov 2018 18:16

Instrument :
MSVOA_F
ClientSampleId :
VW-F1

Tgt Ion: 83 Resp: 18139
Ion Ratio Lower Upper
83 100
85 57.5 54.6 82.0

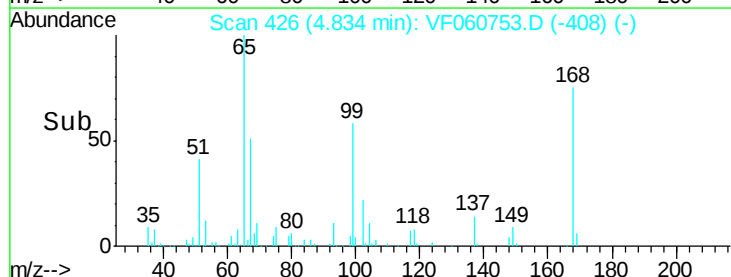
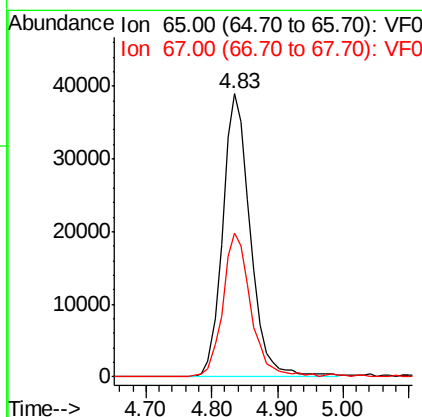
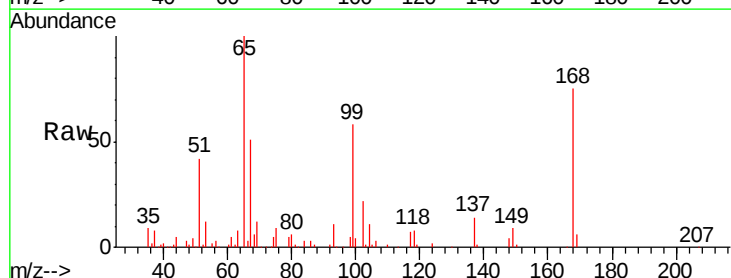
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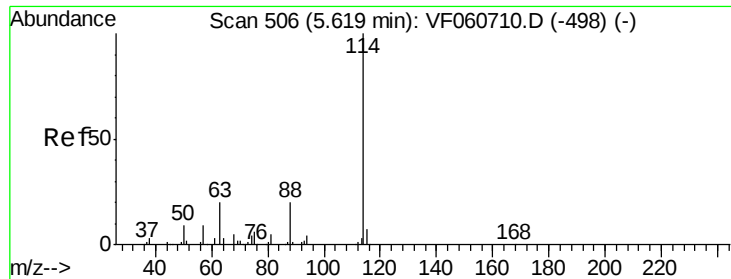
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#33
1,2-Dichloroethane-d4
Concen: 39.55 ug/l
RT: 4.83 min Scan# 426
Delta R.T. -0.02 min
Lab File: VF060753.D
Acq: 15 Nov 2018 18:16

Tgt Ion: 65 Resp: 114346
Ion Ratio Lower Upper
65 100
67 50.7 0.0 90.2





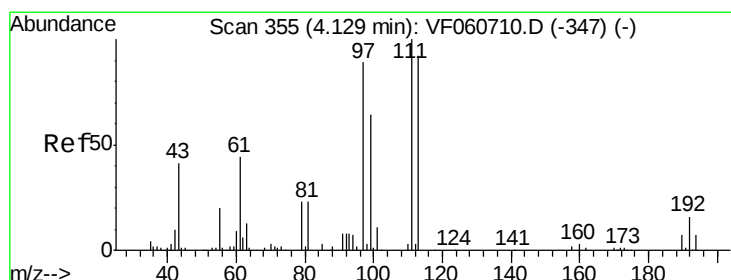
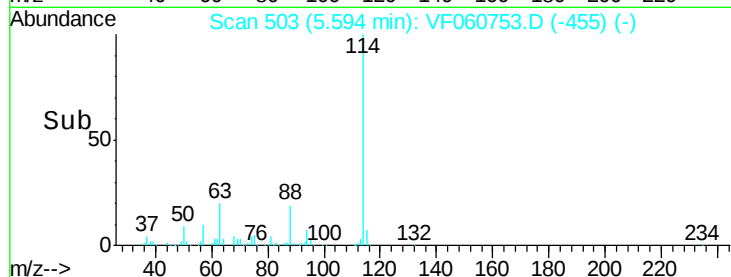
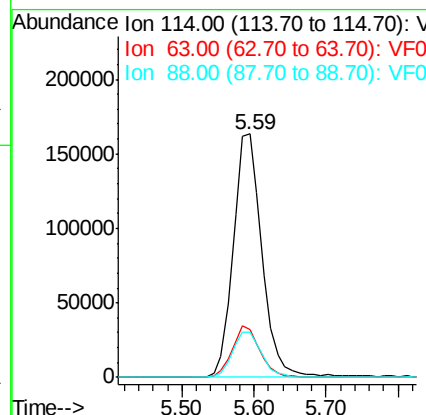
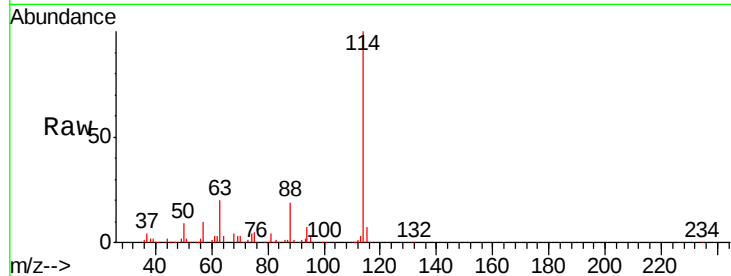
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 5.59 min Scan# 503
 Delta R.T. -0.02 min
 Lab File: VF060753.D
 Acq: 15 Nov 2018 18:16

Instrument :
 MSVOA_F
 ClientSampleId :
 VW-F1

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	453160		
63	19.7	0.0	40.8	
88	18.8	0.0	39.6	

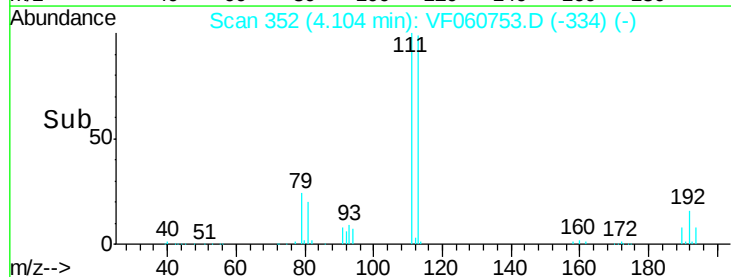
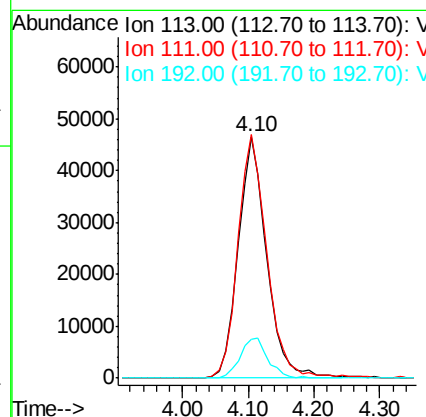
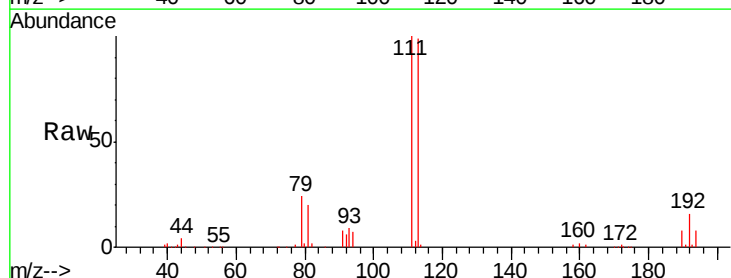
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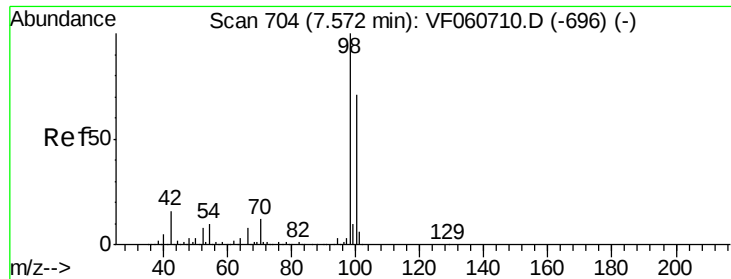
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#35
 Dibromofluoromethane
 Concen: 41.48 ug/l
 RT: 4.10 min Scan# 352
 Delta R.T. -0.02 min
 Lab File: VF060753.D
 Acq: 15 Nov 2018 18:16

Tgt Ion	Ratio	Resp	Lower	Upper
113	100	141287		
111	100.8	87.1	130.7	
192	16.9	13.8	20.6	





#50

Toluene-d8

Concen: 39.05 ug/l

RT: 7.55 min Scan# 701

Delta R.T. -0.02 min

Lab File: VF060753.D

Acq: 15 Nov 2018 18:16

Instrument :

MSVOA_F

ClientSampleId :

VW-F1

Tgt Ion: 98 Resp: 348373

Ion Ratio Lower Upper

98 100

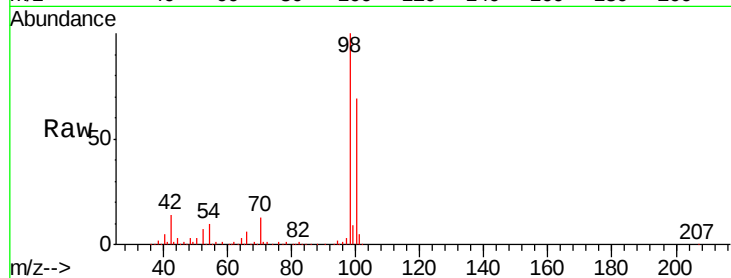
100 68.9 56.5 84.7

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Abundance Ion 98.00 (97.70 to 98.70): VF0

Ion 100.00 (99.70 to 100.70): VF

150000

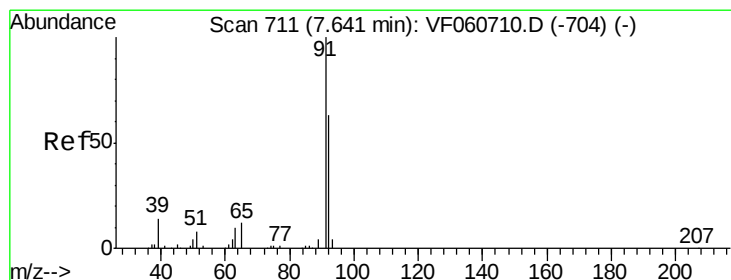
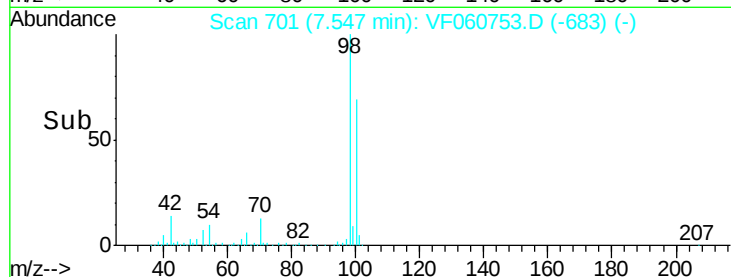
7.55

100000

50000

0

Time-->



#52

Toluene

Concen: 2.88 ug/l

RT: 7.62 min Scan# 708

Delta R.T. -0.03 min

Lab File: VF060753.D

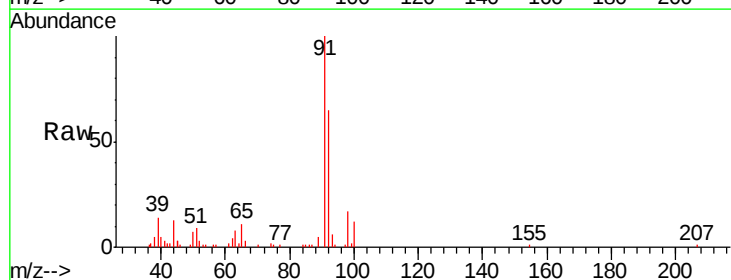
Acq: 15 Nov 2018 18:16

Tgt Ion: 92 Resp: 22578

Ion Ratio Lower Upper

92 100

91 154.7 126.7 190.1



Abundance Ion 92.00 (91.70 to 92.70): VF0

Ion 91.00 (90.70 to 91.70): VF0

15000

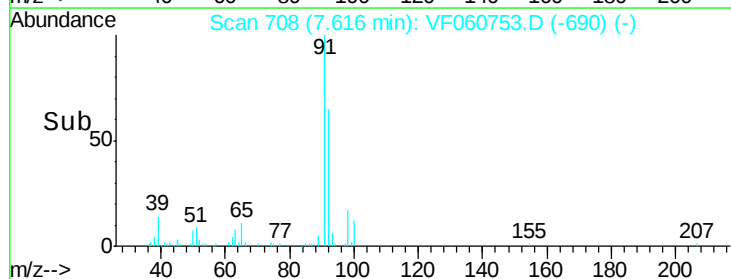
7.62

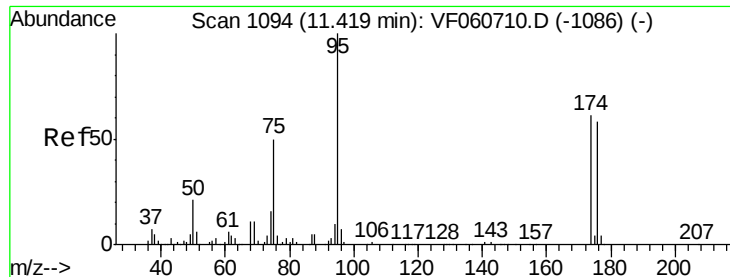
10000

5000

0

Time-->





#62

4-Bromofluorobenzene

Concen: 39.29 ug/l

RT: 11.40 min Scan# 1092

Delta R.T. -0.01 min

Lab File: VF060753.D

Acq: 15 Nov 2018 18:16

Instrument :

MSVOA_F

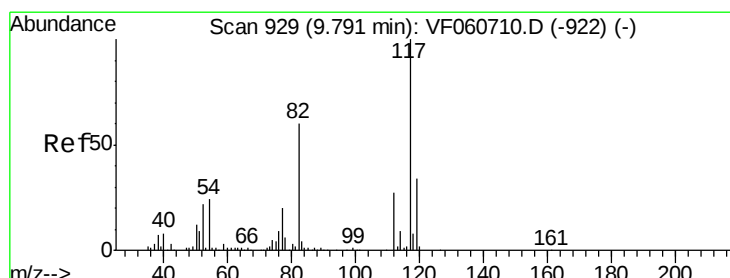
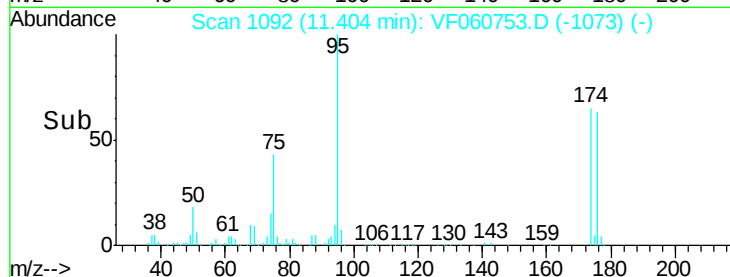
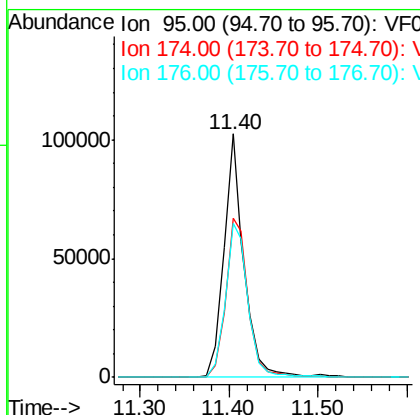
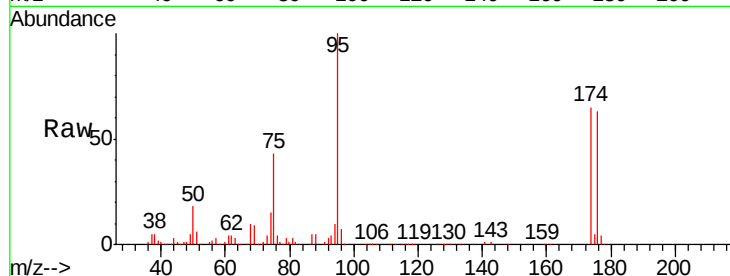
ClientSampled :

VW-F1

Tgt Ion:	95	Resp:	161867
Ion Ratio	Lower	Upper	
95	100		
174	65.4	0.0	121.6
176	63.5	0.0	115.2

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#63

Chlorobenzene-d5

Concen: 50.00 ug/l

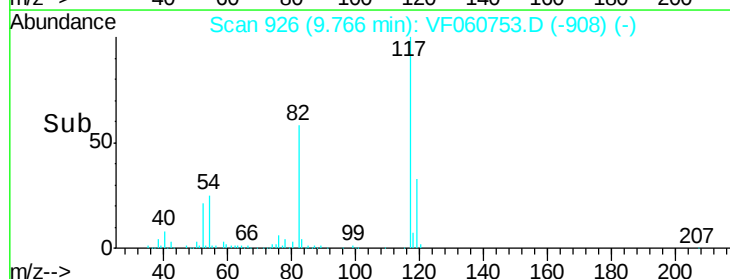
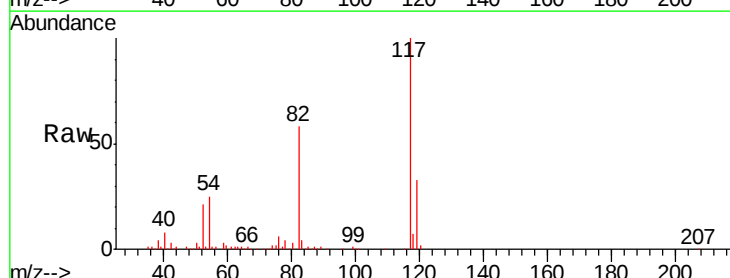
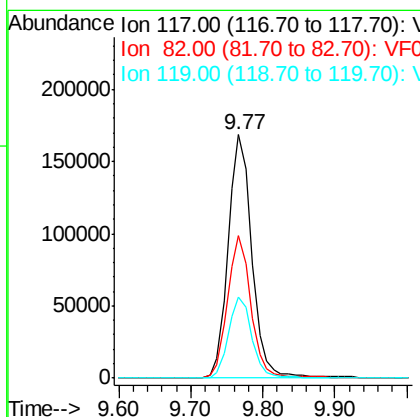
RT: 9.77 min Scan# 926

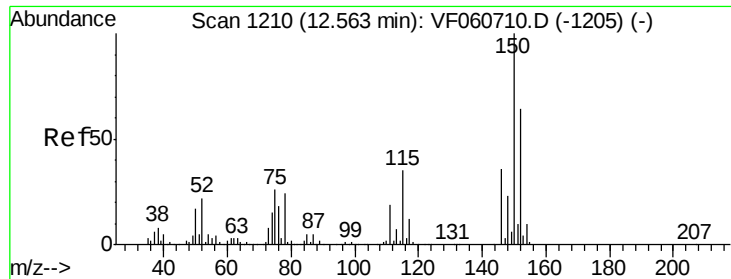
Delta R.T. -0.03 min

Lab File: VF060753.D

Acq: 15 Nov 2018 18:16

Tgt Ion:	117	Resp:	387721
Ion Ratio	Lower	Upper	
117	100		
82	58.3	47.9	71.9
119	33.3	26.8	40.2





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.55 min Scan# 1208

Delta R.T. -0.02 min

Lab File: VF060753.D

Acq: 15 Nov 2018 18:16

Instrument :

MSVOA_F

ClientSampleId :

VW-F1

Tgt Ion:152 Resp: 216422

Ion Ratio Lower Upper

152 100

115 56.4 27.9 83.7

150 149.3 0.0 316.4

Manual Integrations
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