

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF111518\
 Data File : VF060754.D
 Acq On : 15 Nov 2018 18:45
 Operator : VA/AP
 Sample : J5942-09
 Misc : 5.83g/5mL/MSVOA-F/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 VW-F2

Manual Integrations
 APPROVED

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 11/16/2018 1:25:49 PM

Quant Time: Nov 16 05:43:01 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	249379	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	5.59	114	436719	50.00	ug/l	-0.03
63) Chlorobenzene-d5	9.77	117	374788	50.00	ug/l	-0.02
72) 1,4-Dichlorobenzene-d4	12.55	152	213186	50.00	ug/l	-0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.84	65	120200	42.26	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	84.52%	
35) Dibromofluoromethane	4.11	113	138131	42.08	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	84.16%	
50) Toluene-d8	7.55	98	331085	38.45	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	76.90%	
62) 4-Bromofluorobenzene	11.41	95	160175	40.46	ug/l	0.00
Spiked Amount 50.000			Recovery	=	80.92%	
Target Compounds						
16) Acetone	2.23	43	19709	32.42	ug/l	97
20) Methylene Chloride	2.18	84	16887m	5.83	ug/l	
30) Chloroform	3.85	83	14791	2.21	ug/l	92

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

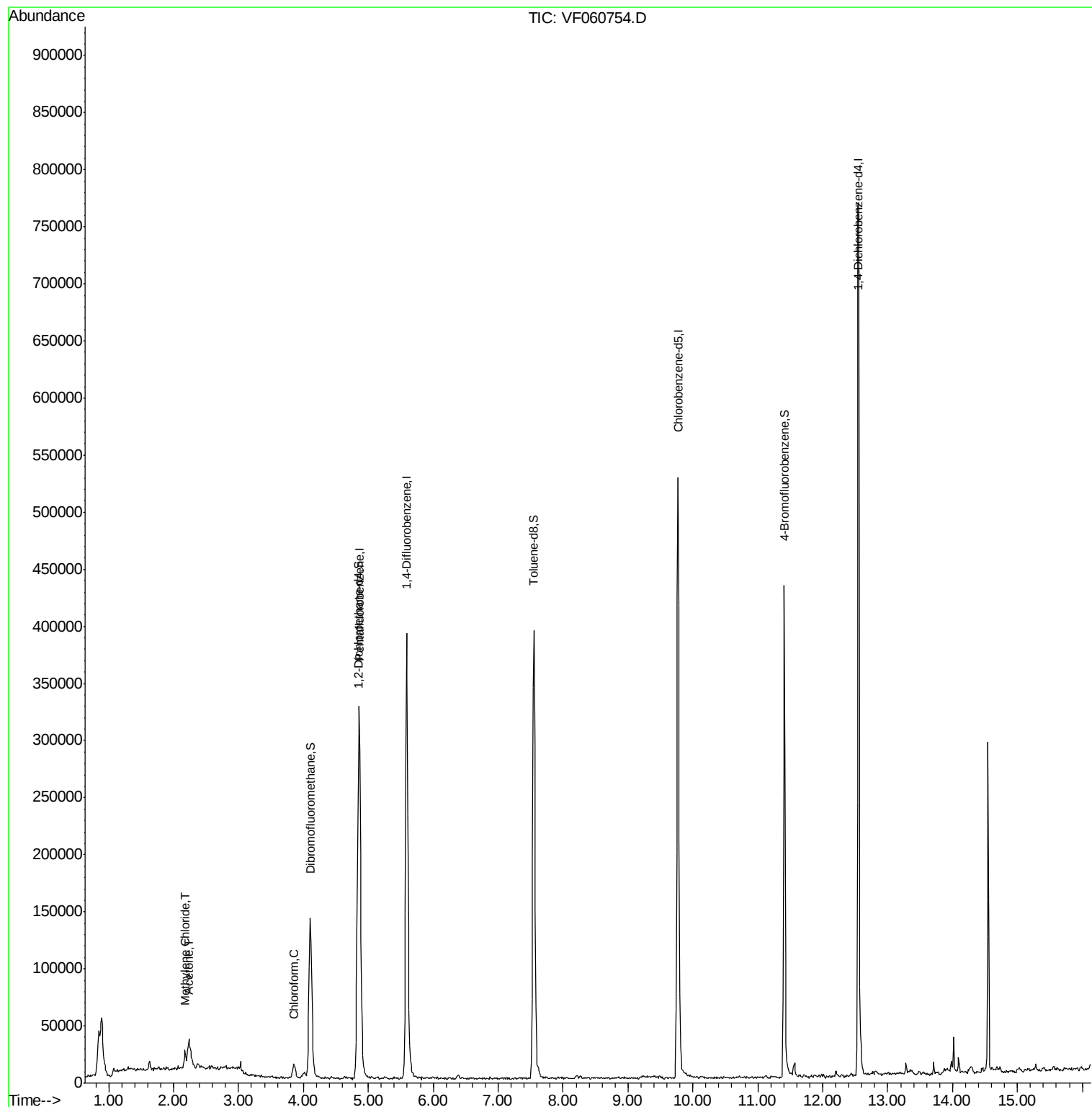
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_F\DATA\VF111518\
Data File : VF060754.D
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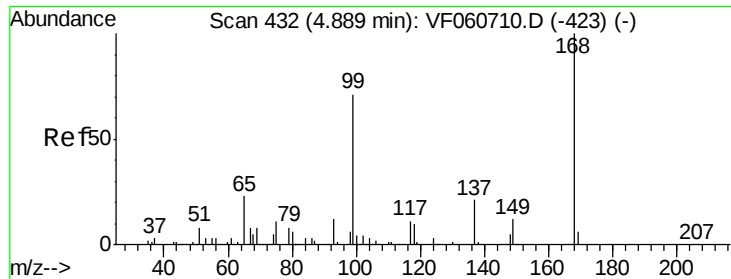
Instrument :
MSVOA_F
ClientSampleId :
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_F\METHODS\82F111318S.M
Quant Title : SW846 8260
QLast Update : Wed Nov 14 03:11:14 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 4.87 min Scan# 430

Delta R.T. -0.02 min

Lab File: VF060754.D

Acq: 15 Nov 2018 18:45

Instrument :

MSVOA_F

ClientSampleId :

VW-F2

Tgt Ion: 168 Resp: 249379

Ion Ratio Lower Upper

168 100

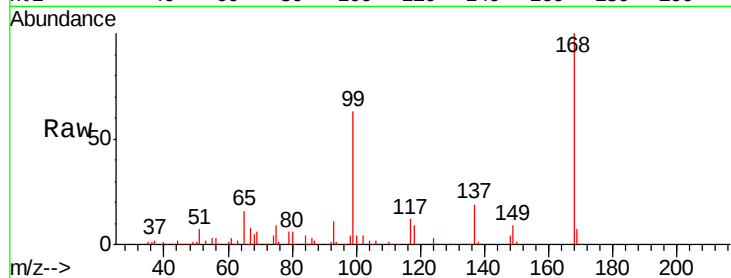
99 62.9 57.2 85.8

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Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

80000

60000

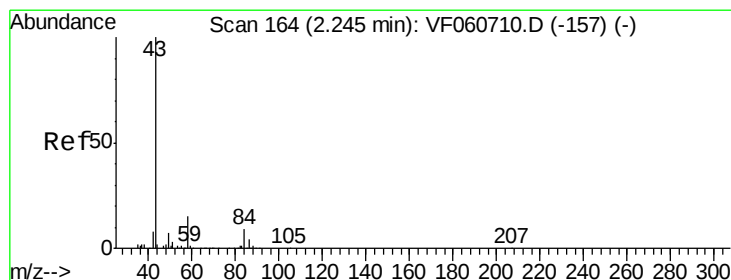
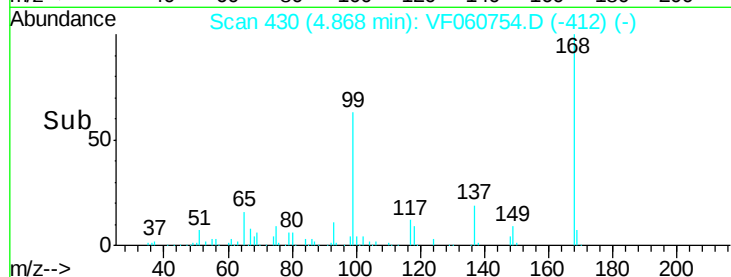
40000

20000

0

4.70 4.80 4.90 5.00 5.10

Time-->



#16

Acetone

Concen: 32.42 ug/l

RT: 2.23 min Scan# 163

Delta R.T. -0.01 min

Lab File: VF060754.D

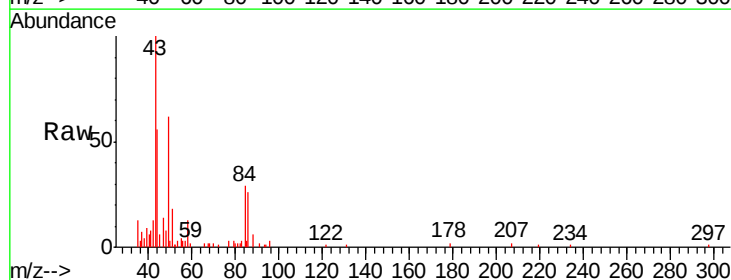
Acq: 15 Nov 2018 18:45

Tgt Ion: 43 Resp: 19709

Ion Ratio Lower Upper

43 100

58 13.1 11.6 17.4



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 58.00 (57.70 to 58.70): VF0

8000

6000

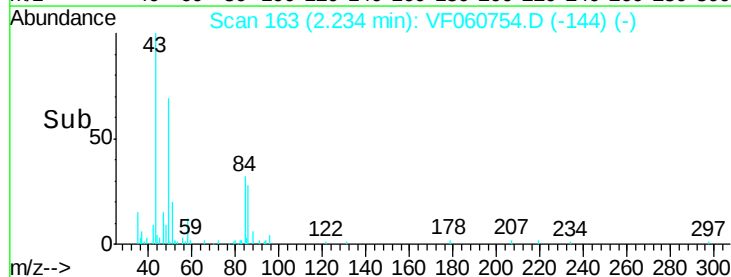
4000

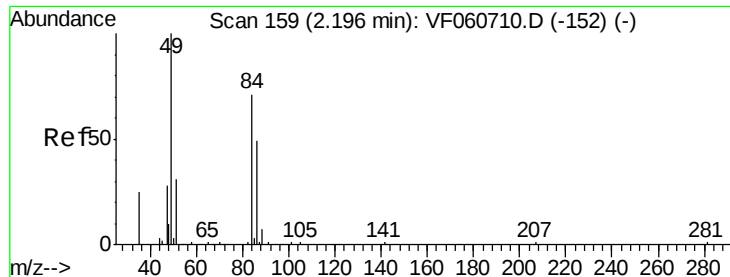
2000

0

2.20 2.30

Time-->





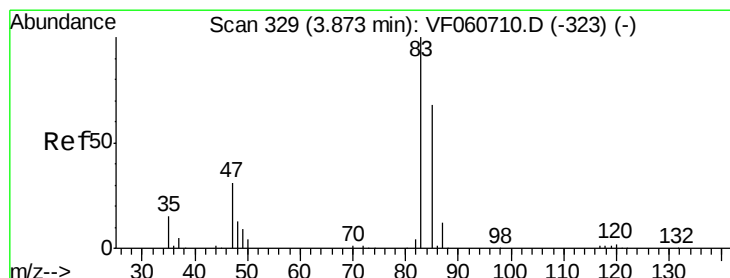
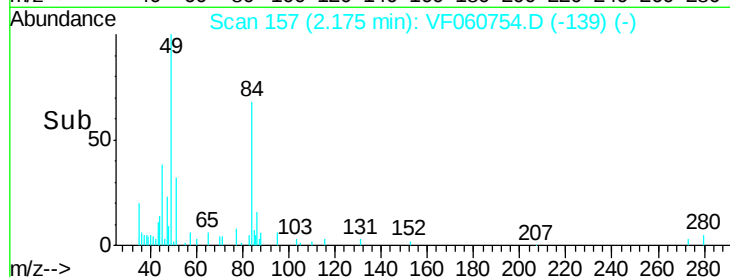
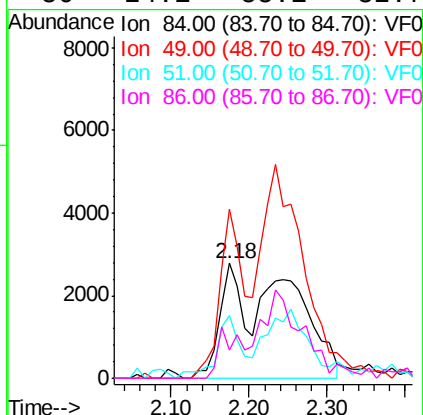
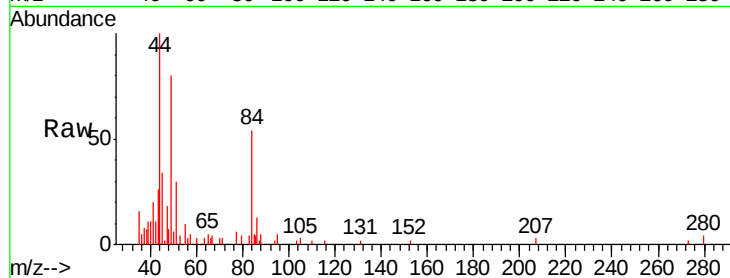
#20
Methylene Chloride
Concen: 5.83 ug/l m
RT: 2.18 min Scan# 157
Delta R.T. -0.02 min
Lab File: VF060754.D
Acq: 15 Nov 2018 18:45

Instrument :
MSVOA_F
ClientSampleId :
VW-F2

Tgt Ion	Ratio	Lower	Upper
84	100		
49	147.1	120.2	180.4
51	54.3	37.2	55.8
86	24.1	55.1	82.7#

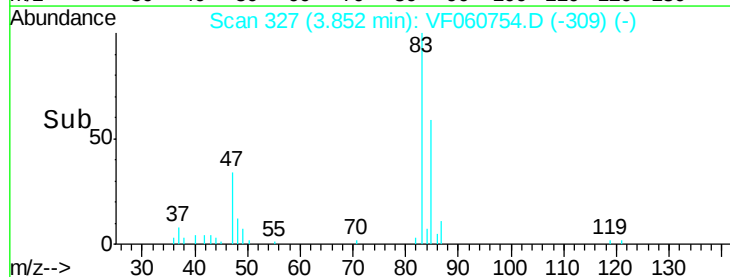
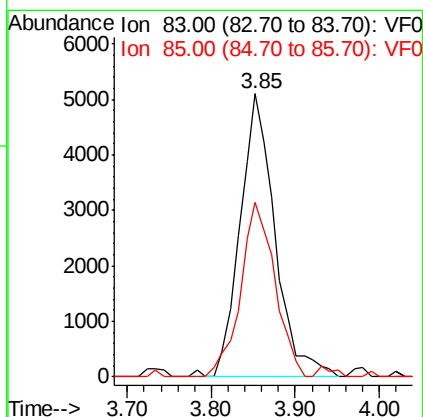
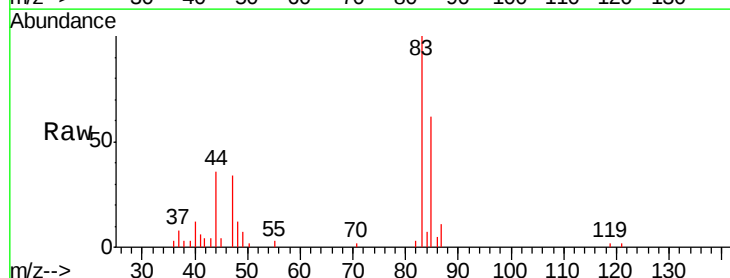
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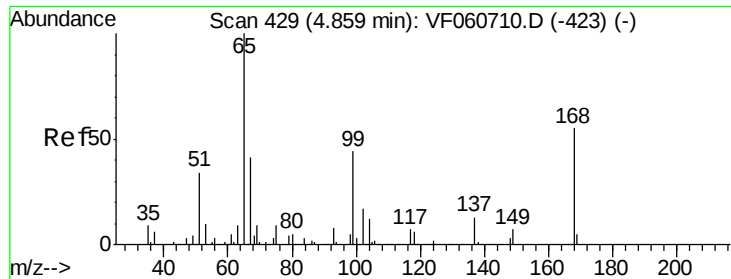
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#30
Chloroform
Concen: 2.21 ug/l
RT: 3.85 min Scan# 327
Delta R.T. -0.02 min
Lab File: VF060754.D
Acq: 15 Nov 2018 18:45

Tgt Ion	Ratio	Lower	Upper
83	100		
85	61.6	54.6	82.0





#33

1,2-Dichloroethane-d4

Concen: 42.26 ug/l

RT: 4.84 min Scan# 427

Delta R.T. -0.02 min

Lab File: VF060754.D

Acq: 15 Nov 2018 18:45

Instrument :

MSVOA_F

ClientSampled :

VW-F2

Tgt Ion: 65 Resp: 120200

Ion Ratio Lower Upper

65 100

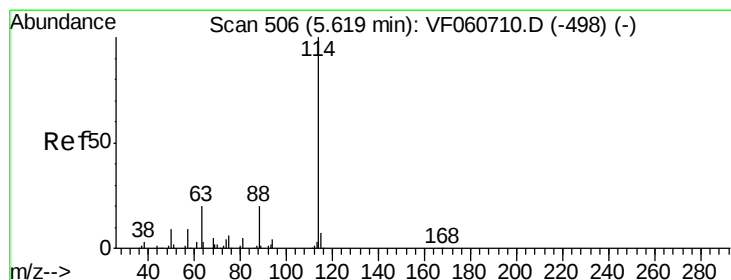
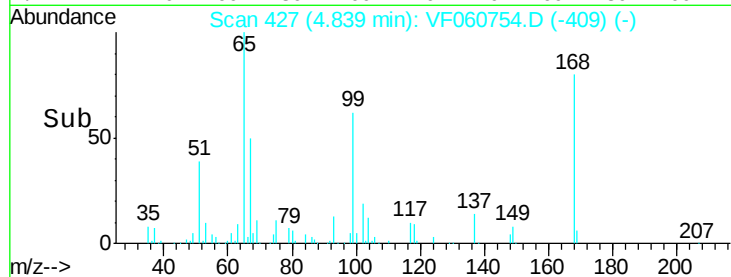
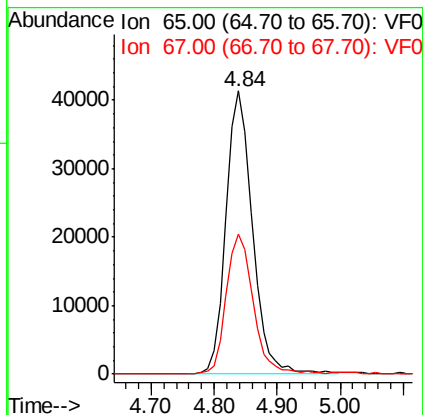
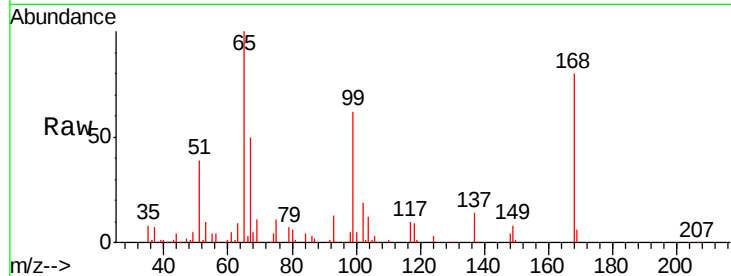
67 49.6 0.0 90.2

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#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 5.59 min Scan# 503

Delta R.T. -0.03 min

Lab File: VF060754.D

Acq: 15 Nov 2018 18:45

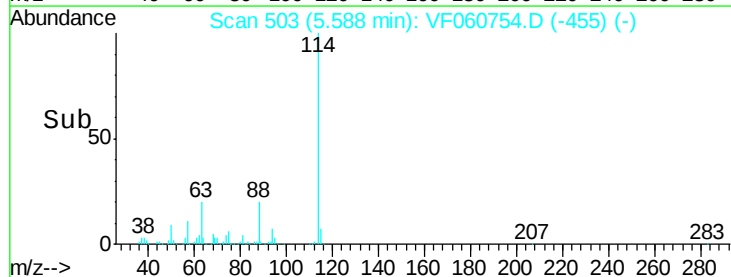
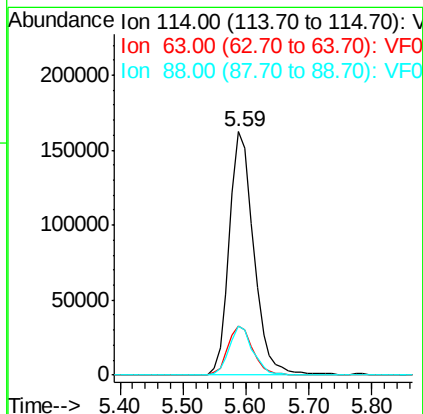
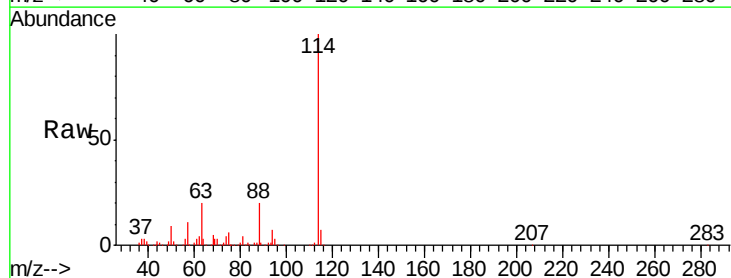
Tgt Ion: 114 Resp: 436719

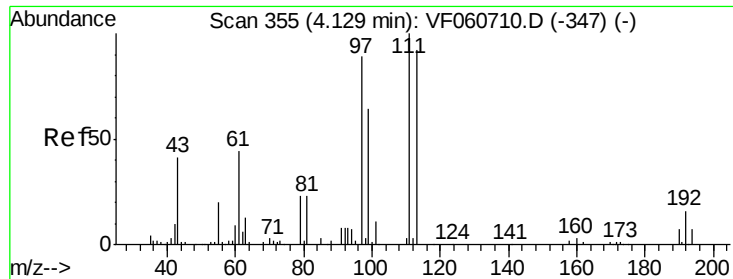
Ion Ratio Lower Upper

114 100

63 20.2 0.0 40.8

88 20.1 0.0 39.6





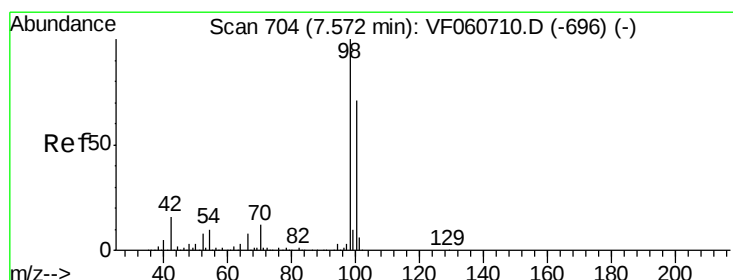
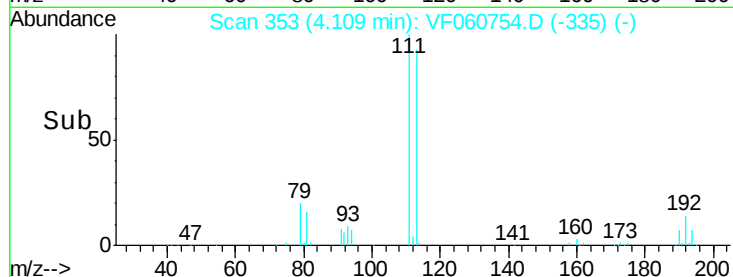
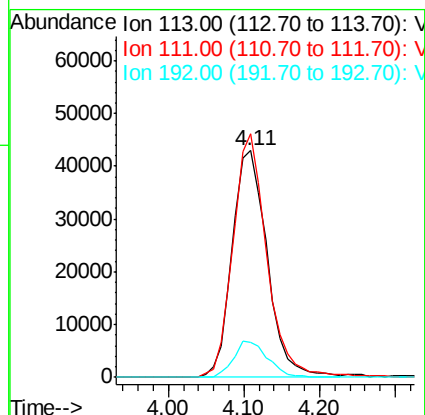
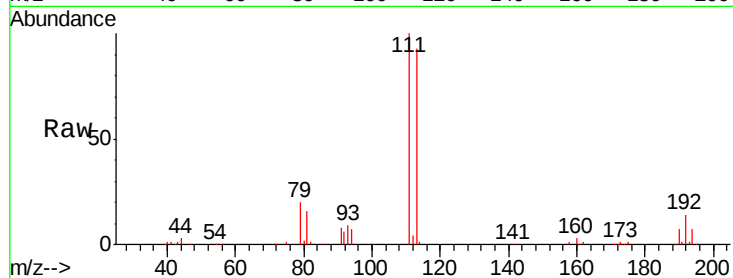
#35
Dibromofluoromethane
Concen: 42.08 ug/l
RT: 4.11 min Scan# 353
Delta R.T. -0.02 min
Lab File: VF060754.D
Acq: 15 Nov 2018 18:45

Instrument :
MSVOA_F
ClientSampleId :
VW-F2

Tgt Ion	Ratio	Resp	Lower	Upper
113	100	138131		
111	107.3	87.1	130.7	
192	15.2	13.8	20.6	

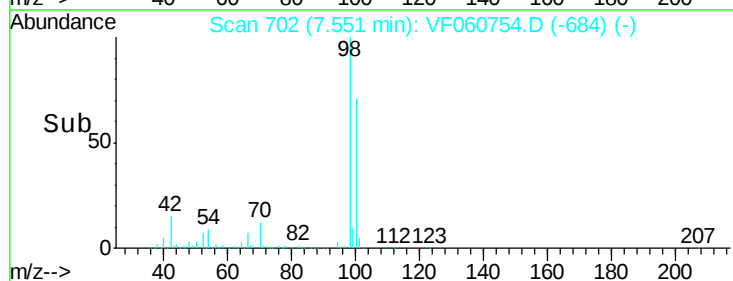
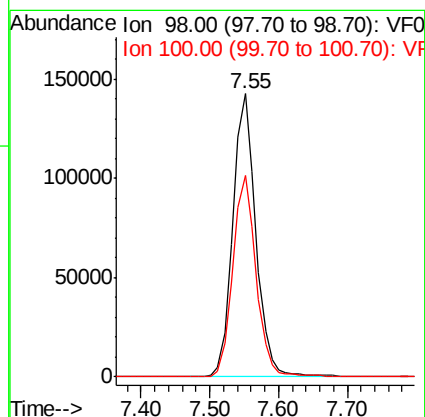
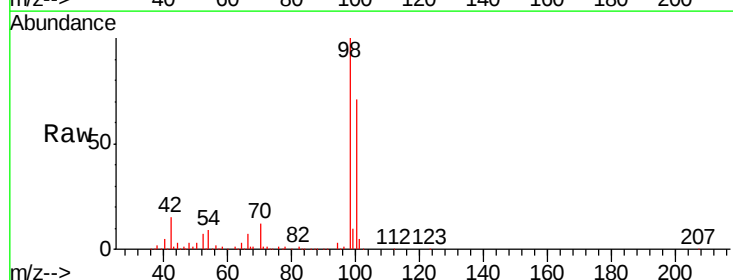
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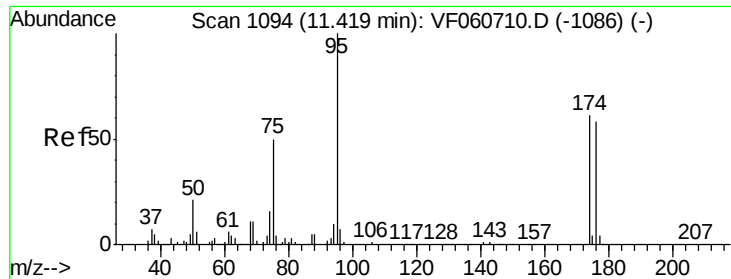
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#50
Toluene-d8
Concen: 38.45 ug/l
RT: 7.55 min Scan# 702
Delta R.T. -0.02 min
Lab File: VF060754.D
Acq: 15 Nov 2018 18:45

Tgt Ion	Ratio	Resp	Lower	Upper
98	100	331085		
100	71.1	56.5	84.7	





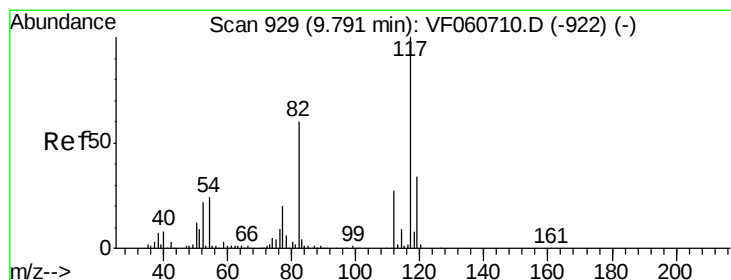
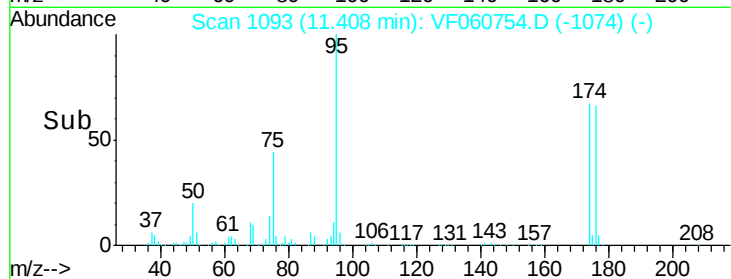
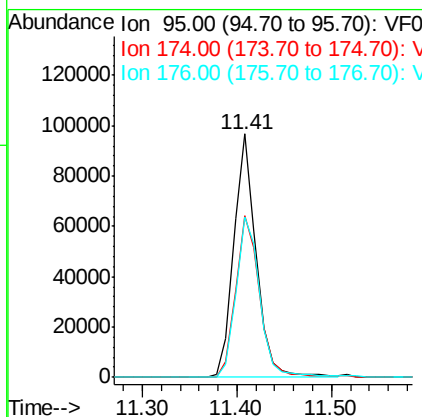
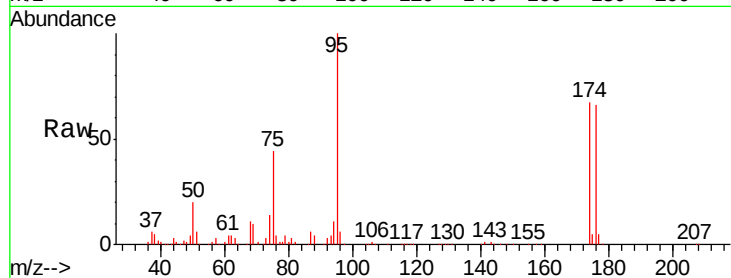
#62
4-Bromofluorobenzene
Concen: 40.46 ug/l
RT: 11.41 min Scan# 1093
Delta R.T. -0.01 min
Lab File: VF060754.D
Acq: 15 Nov 2018 18:45

Instrument :
MSVOA_F
ClientSampleId :
VW-F2

Tgt Ion	Ratio	Resp	Lower	Upper
95	100	160175		
174	66.6	0.0	121.6	
176	66.0	0.0	115.2	

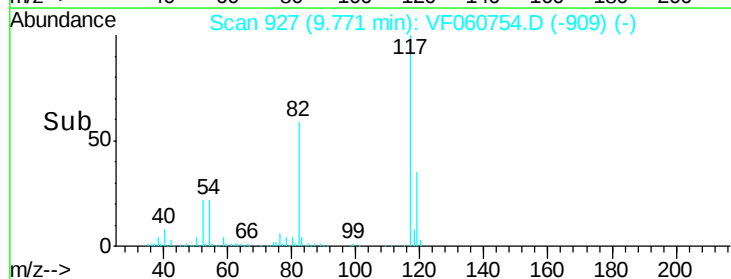
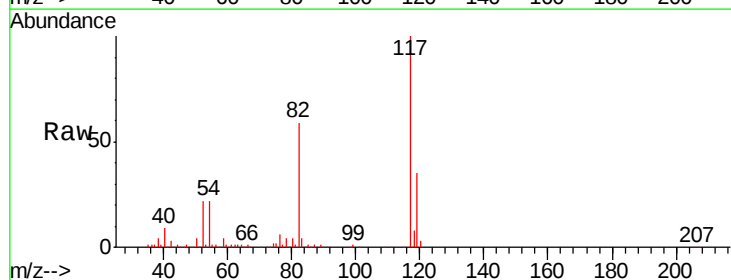
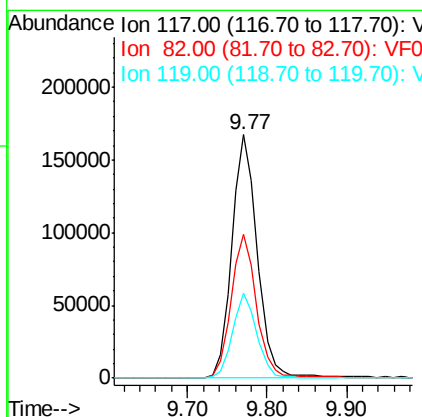
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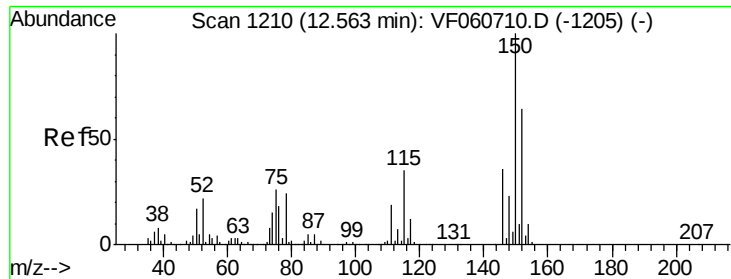
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#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.77 min Scan# 927
Delta R.T. -0.02 min
Lab File: VF060754.D
Acq: 15 Nov 2018 18:45

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	374788		
82	58.8	47.9	71.9	
119	34.8	26.8	40.2	





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.55 min Scan# 1209

Delta R.T. -0.01 min

Lab File: VF060754.D

Acq: 15 Nov 2018 18:45

Instrument :

MSVOA_F

ClientSampleId :

VW-F2

Tgt	Ion	152	Resp:	213186
Ion	Ratio	Lower	Upper	
152	100			
115	56.0	27.9	83.7	
150	153.3	0.0	316.4	

Manual Integrations
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