

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF110918\
 Data File : VF060680.D
 Acq On : 9 Nov 2018 19:07
 Operator : VA/AP
 Sample : J5269-21RE
 Misc : 6.48g/5mL/MSVOA-F/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 SB-14RE

Manual Integrations
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Quant Time: Nov 12 05:00:24 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F110218S.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 03 05:29:31 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.88	168	234481	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	5.61	114	420312	50.00	ug/l	0.01
63) Chlorobenzene-d5	9.78	117	401579	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.55	152	223892	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.85	65	146760	61.95	ug/l	0.00
Spiked Amount 50.000			Recovery	=	123.90%	
35) Dibromofluoromethane	4.12	113	171679	52.87	ug/l	0.01
Spiked Amount 50.000			Recovery	=	105.74%	
50) Toluene-d8	7.56	98	439340	45.67	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.34%	
62) 4-Bromofluorobenzene	11.42	95	232579	55.27	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.54%	
Target Compounds						
16) Acetone	2.23	43	18995	34.025	ug/l	92
20) Methylene Chloride	2.22	84	15081m	4.094	ug/l	
40) Benzene	4.64	78	19176	1.707	ug/l	97

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

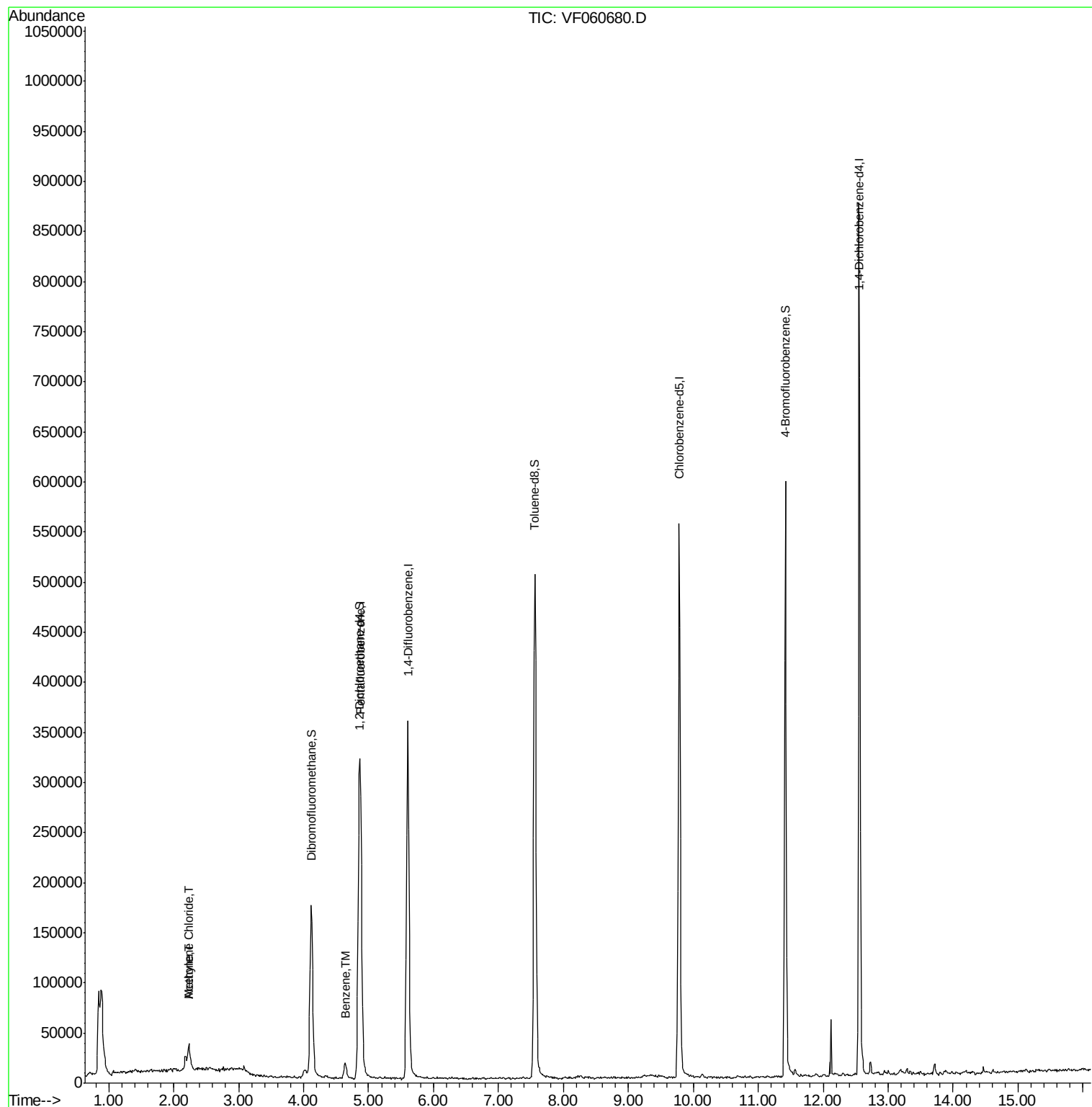
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF110918\
Data File : VF060680.D
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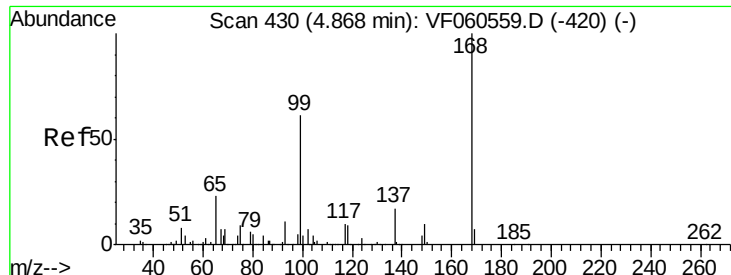
Instrument :
MSVOA_F
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Quant Time: Nov 12 05:00:24 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_F\METHODS\82F110218S.M
Quant Title : SW846 8260
QLast Update : Sat Nov 03 05:29:31 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.88 min Scan# 431

Delta R.T. 0.01 min

Lab File: VF060680.D

Acq: 9 Nov 2018 19:07

Instrument :

MSVOA_F

ClientSampleId :

SB-14RE

Tot Ion:168 Resp: 234481

Ion Ratio Lower Upper

168 100

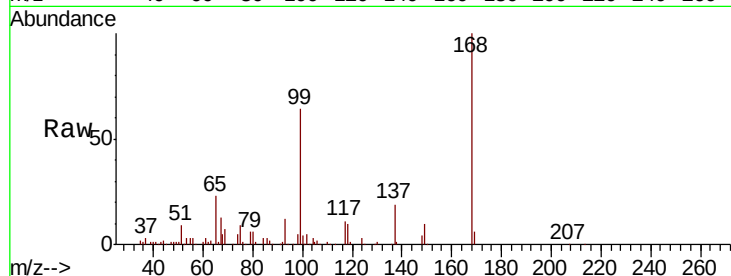
99 64.1 48.6 72.8

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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

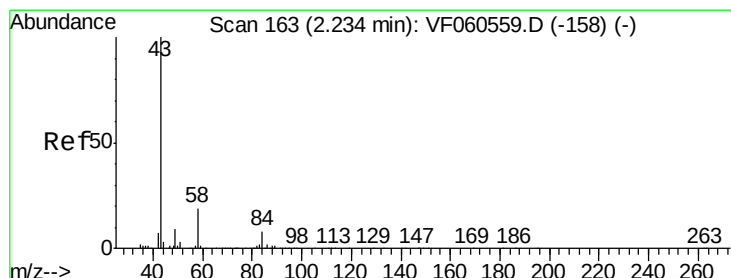
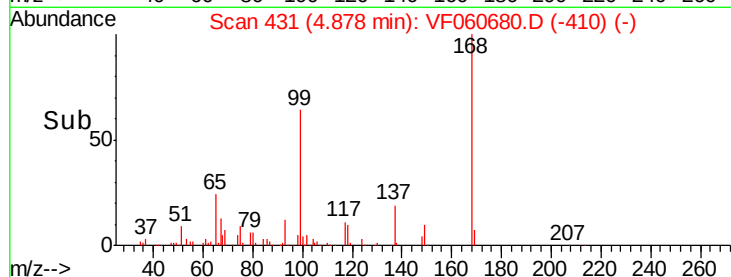
40000

20000

0

4.70 4.80 4.90 5.00 5.10

Time-->



#16

Acetone

Concen: 34.025 ug/l

RT: 2.23 min Scan# 163

Delta R.T. 0.00 min

Lab File: VF060680.D

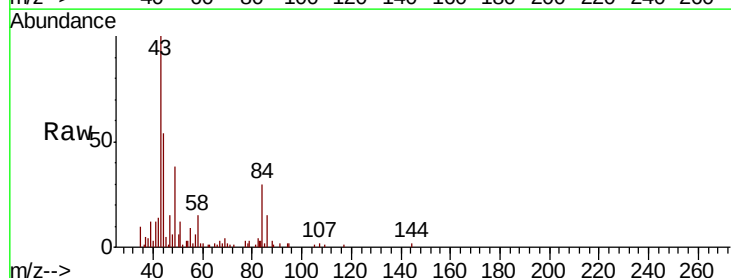
Acq: 9 Nov 2018 19:07

Tgt Ion: 43 Resp: 18995

Ion Ratio Lower Upper

43 100

58 14.7 14.6 22.0



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 58.00 (57.70 to 58.70): VF0

10000

8000

6000

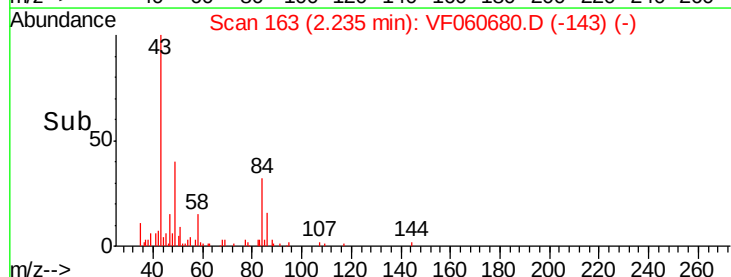
4000

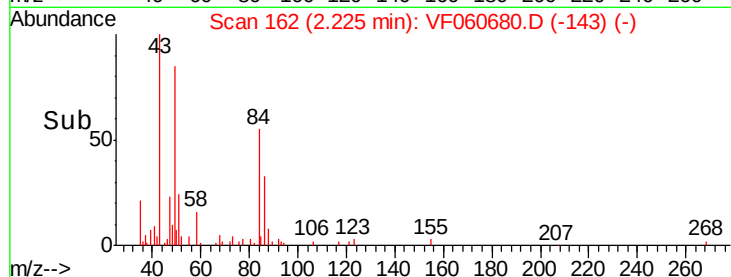
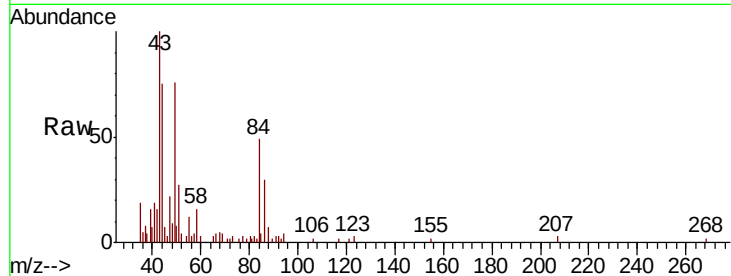
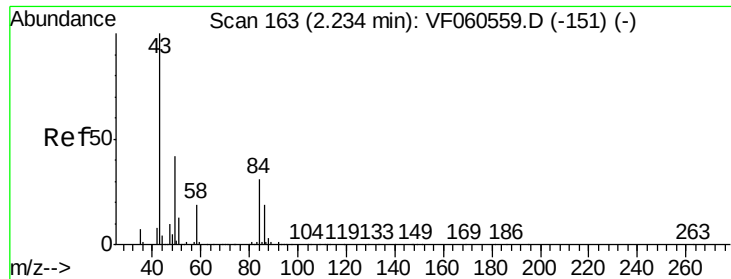
2000

0

2.20 2.30 2.40

Time-->





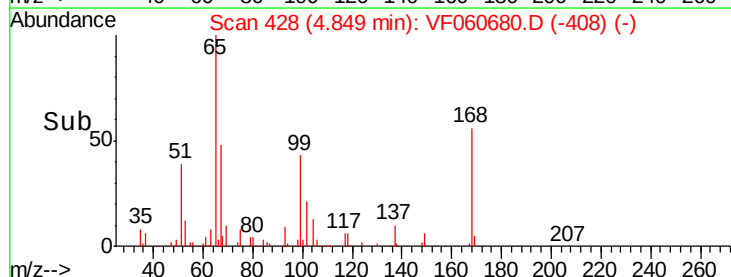
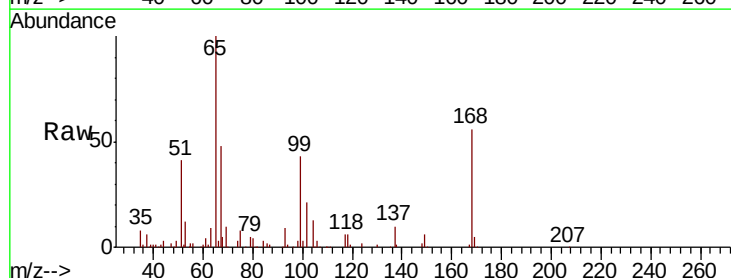
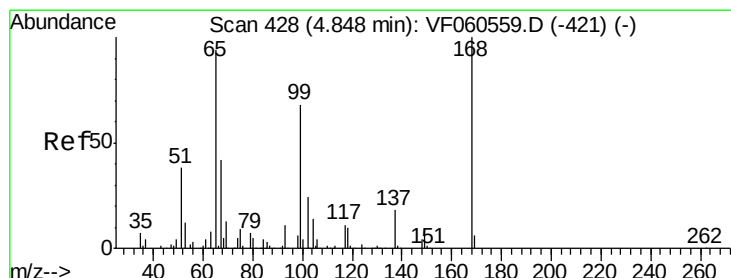
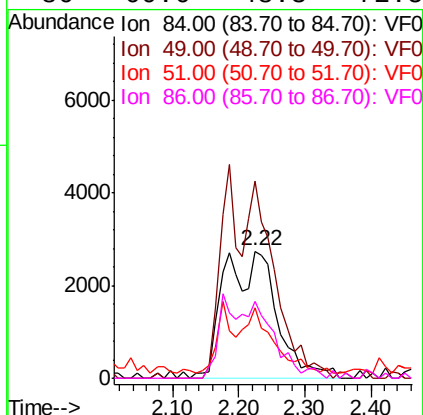
#20
Methylene Chloride
Concen: 4.094 ug/l m
RT: 2.22 min Scan# 162
Delta R.T. -0.01 min
Lab File: VF060680.D
Acq: 9 Nov 2018 19:07

Tot Ion	84	Resp	15081
Ion Ratio	100	Lower	Upper
84	100		
49	155.4	109.9	164.9
51	55.5	35.8	53.8
86	60.6	48.3	72.5

Instrument :
MSVOA_F
ClientSampleID :
SB-14RE

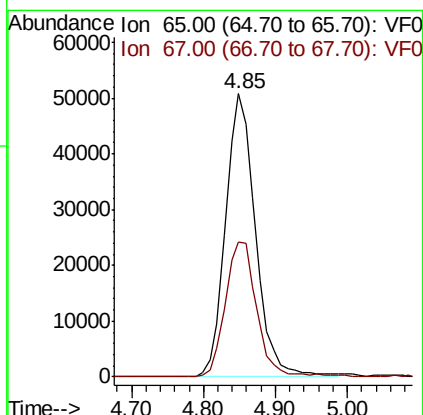
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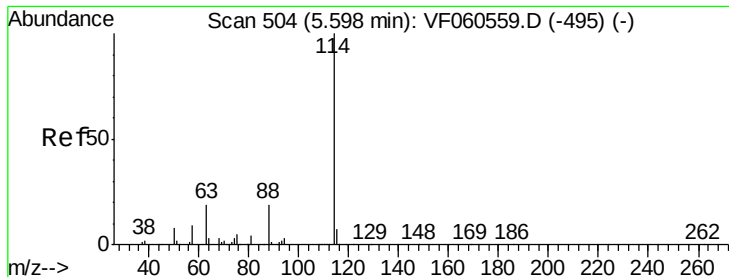
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#33
1,2-Dichloroethane-d4
Concen: 61.947 ug/l
RT: 4.85 min Scan# 428
Delta R.T. 0.00 min
Lab File: VF060680.D
Acq: 9 Nov 2018 19:07

Tgt Ion	65	Resp	146760
Ion Ratio	100	Lower	Upper
65	100		
67	47.8	0.0	101.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.61 min Scan# 505

Delta R.T. 0.01 min

Lab File: VF060680.D

Acq: 9 Nov 2018 19:07

Instrument :

MSVOA_F

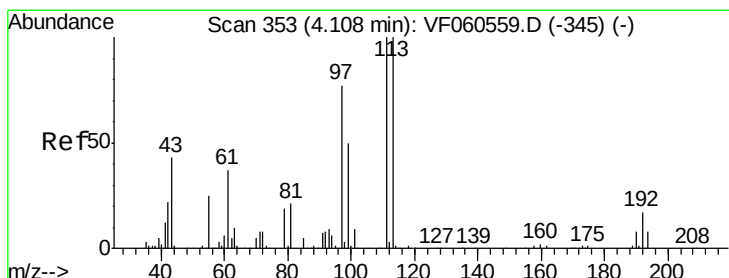
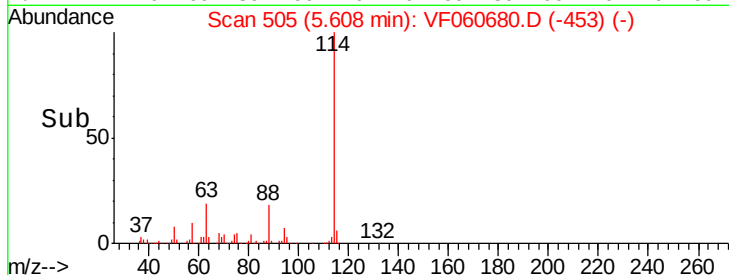
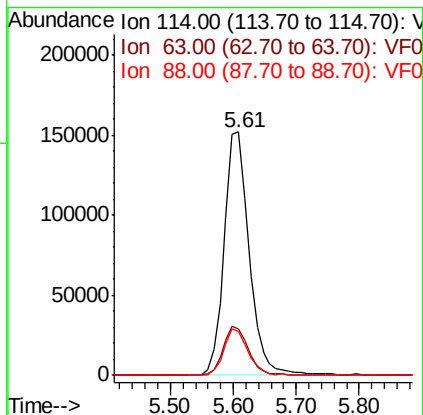
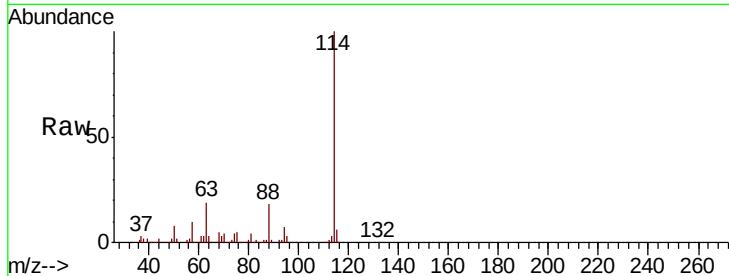
ClientSampleId :

SB-14RE

Tot Ion:	114	Resp:	420312
Ion Ratio		Lower	Upper
114	100		
63	19.2	0.0	39.0
88	18.3	0.0	38.2

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#35

Dibromofluoromethane

Concen: 52.868 ug/l

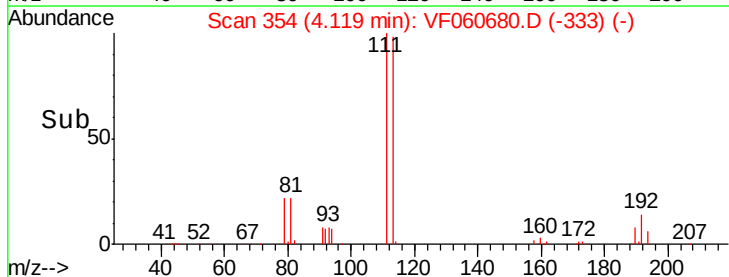
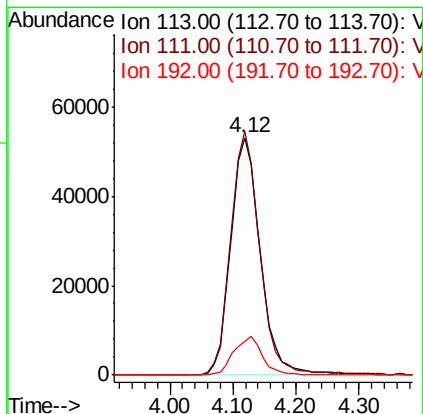
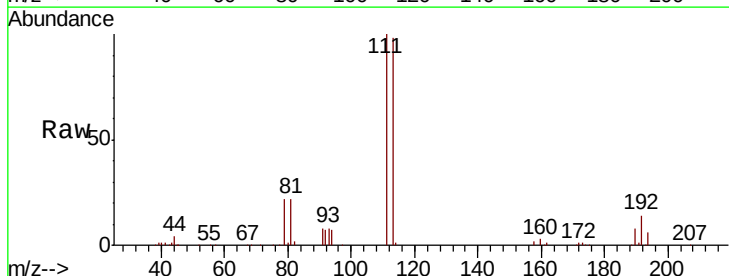
RT: 4.12 min Scan# 354

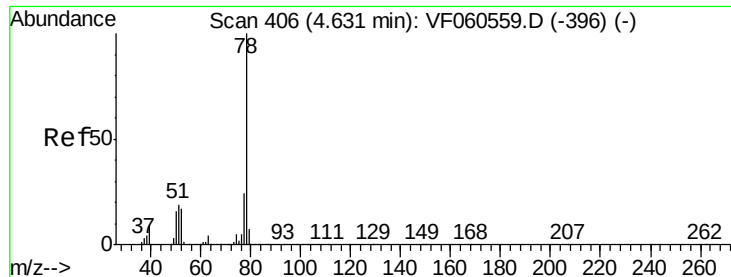
Delta R.T. 0.01 min

Lab File: VF060680.D

Acq: 9 Nov 2018 19:07

Tgt Ion:	113	Resp:	171679
Ion Ratio		Lower	Upper
113	100		
111	102.6	79.9	119.9
192	14.1	13.3	19.9





#40

Benzene

Concen: 1.707 ug/l

RT: 4.64 min Scan# 407

Delta R.T. 0.01 min

Lab File: VF060680.D

Acq: 9 Nov 2018 19:07

Instrument :

MSVOA_F

ClientSampleId :

SB-14RE

Tot Ion: 78 Resp: 19176

Ion Ratio Lower Upper

78 100

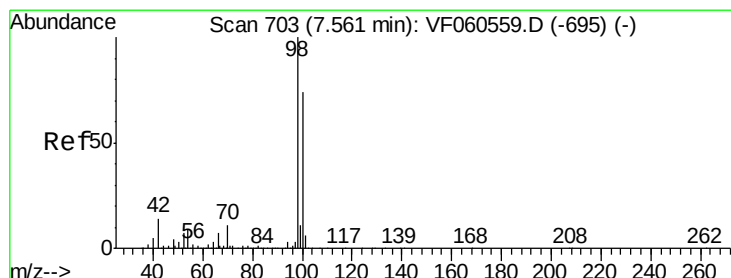
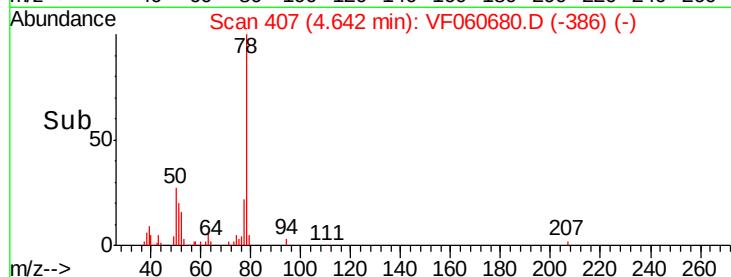
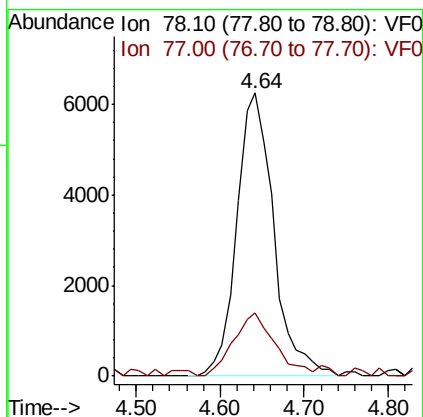
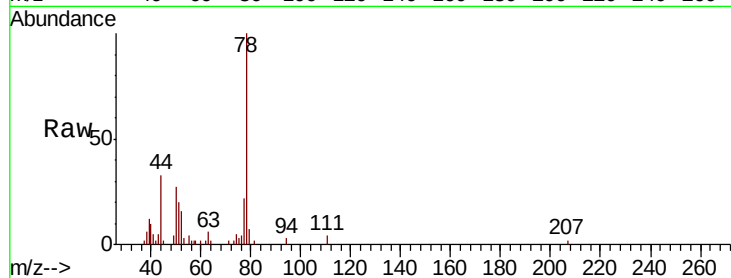
77 22.5 19.3 28.9

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#50

Toluene-d8

Concen: 45.672 ug/l

RT: 7.56 min Scan# 703

Delta R.T. 0.00 min

Lab File: VF060680.D

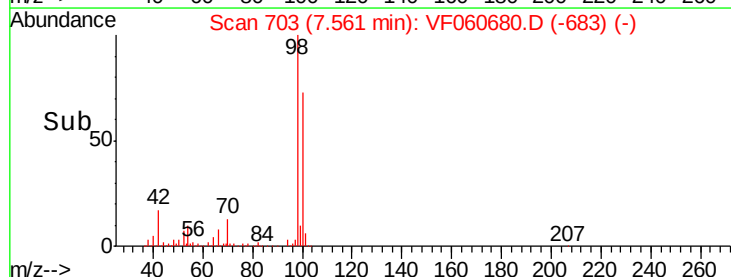
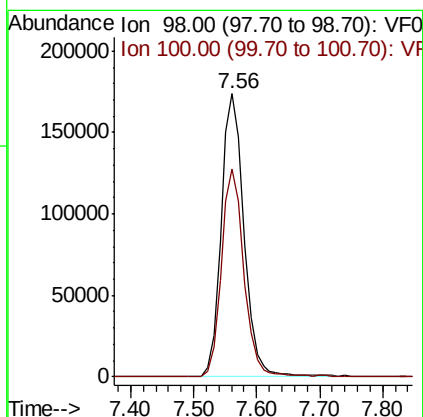
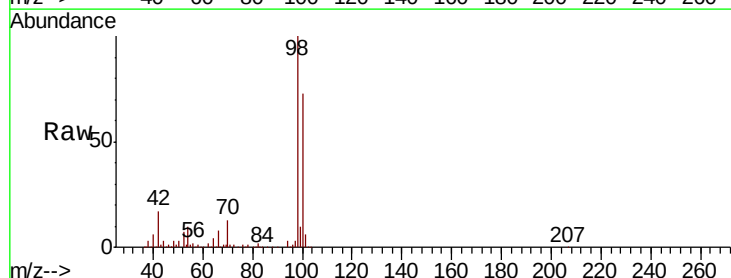
Acq: 9 Nov 2018 19:07

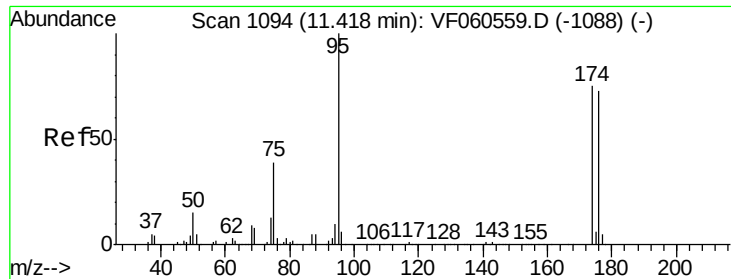
Tgt Ion: 98 Resp: 439340

Ion Ratio Lower Upper

98 100

100 73.4 59.4 89.2





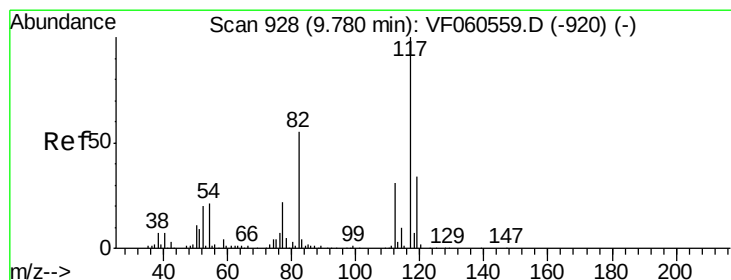
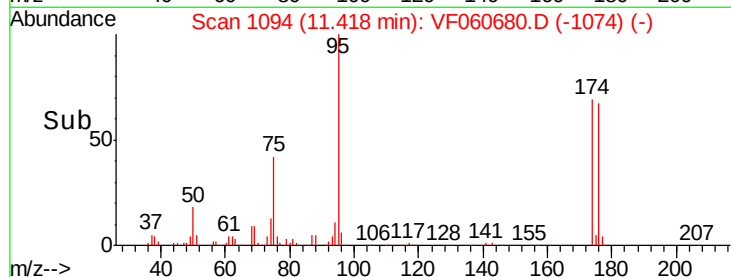
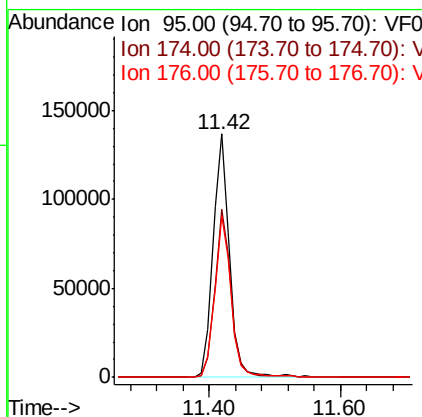
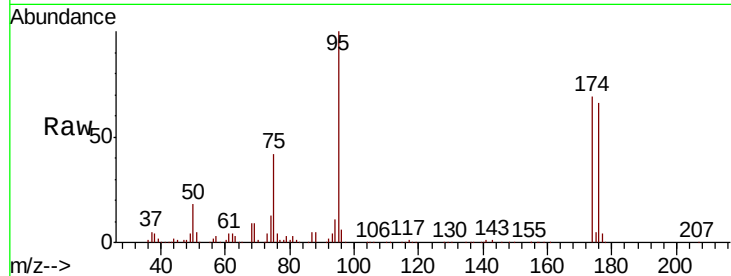
#62
4-Bromofluorobenzene
Concen: 55.274 ug/l
RT: 11.42 min Scan# 1094
Delta R.T. 0.00 min
Lab File: VF060680.D
Acq: 9 Nov 2018 19:07

Instrument :
MSVOA_F
ClientSampleId :
SB-14RE

Tot Ion	Ratio	Resp	Lower	Upper
95	100	232579		
174	68.9	0.0	149.0	
176	66.5	0.0	145.6	

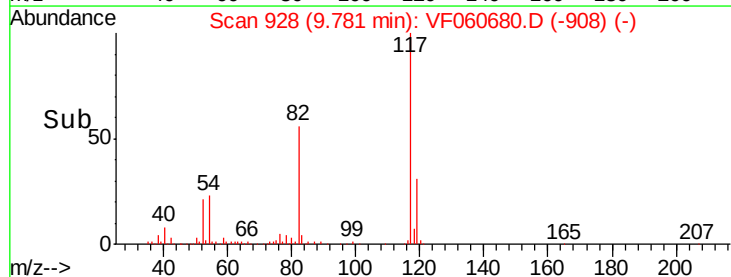
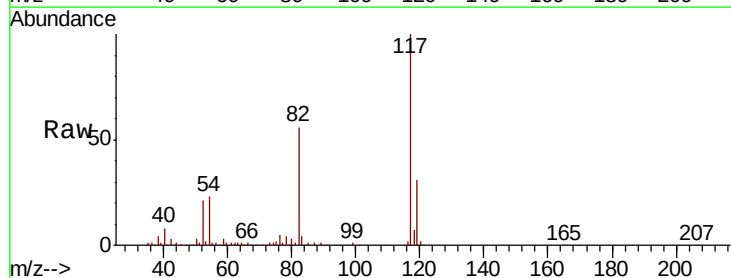
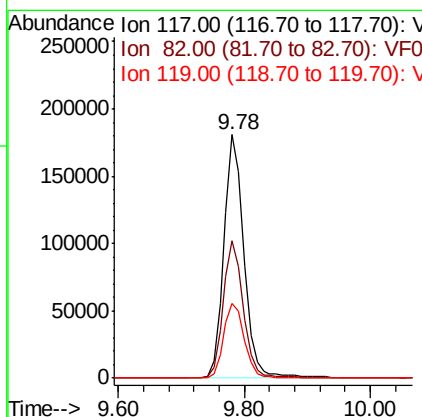
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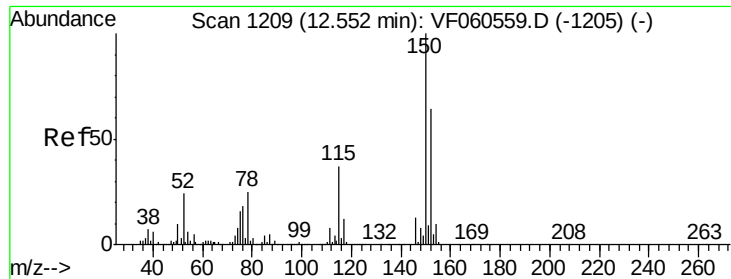
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#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.78 min Scan# 928
Delta R.T. 0.00 min
Lab File: VF060680.D
Acq: 9 Nov 2018 19:07

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	401579		
82	56.3	43.9	65.9	
119	30.9	27.4	41.0	





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.55 min Scan# 1209

Delta R.T. 0.00 min

Lab File: VF060680.D

Acq: 9 Nov 2018 19:07

Instrument :

MSVOA_F

ClientSampleId :

SB-14RE

Tot Ion:152 Resp: 223892

Ion Ratio Lower Upper

152 100

115 63.3 29.6 88.8

150 155.2 0.0 315.6

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