

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF022119\
 Data File : VF061697.D
 Acq On : 21 Feb 2019 14:44
 Operator : VA/AP
 Sample : K1344-01
 Misc : 6.58g/5mL/MSVOA-F/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 NB-08-022019-A

Manual Integrations
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 2/22/2019 12:28:01 PM

Quant Time: Feb 22 03:50:31 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F021319S.M
 Quant Title : SW846 8260
 QLast Update : Thu Feb 14 03:27:56 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.88	168	377988	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.60	114	599973	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.78	117	468819	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.55	152	231993	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.85	65	134758	48.62	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.24%	
35) Dibromofluoromethane	4.12	113	197068	44.23	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.46%	
50) Toluene-d8	7.56	98	438871	34.27	ug/l	0.00
Spiked Amount 50.000			Recovery	=	68.54%	
62) 4-Bromofluorobenzene	11.41	95	190613	36.78	ug/l	0.00
Spiked Amount 50.000			Recovery	=	73.56%	
Target Compounds						
16) Acetone	2.24	43	37363	62.825	ug/l	91
20) Methylene Chloride	2.27	84	19572m	3.813	ug/l	
52) Toluene	7.63	92	11982	1.271	ug/l	90
80) 1,3,5-Trimethylbenzene	11.82	105	18183	1.377	ug/l	100
84) 1,2,4-Trimethylbenzene	12.21	105	17716	1.351	ug/l	97
95) Naphthalene	14.46	128	23892	2.518	ug/l #	62

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

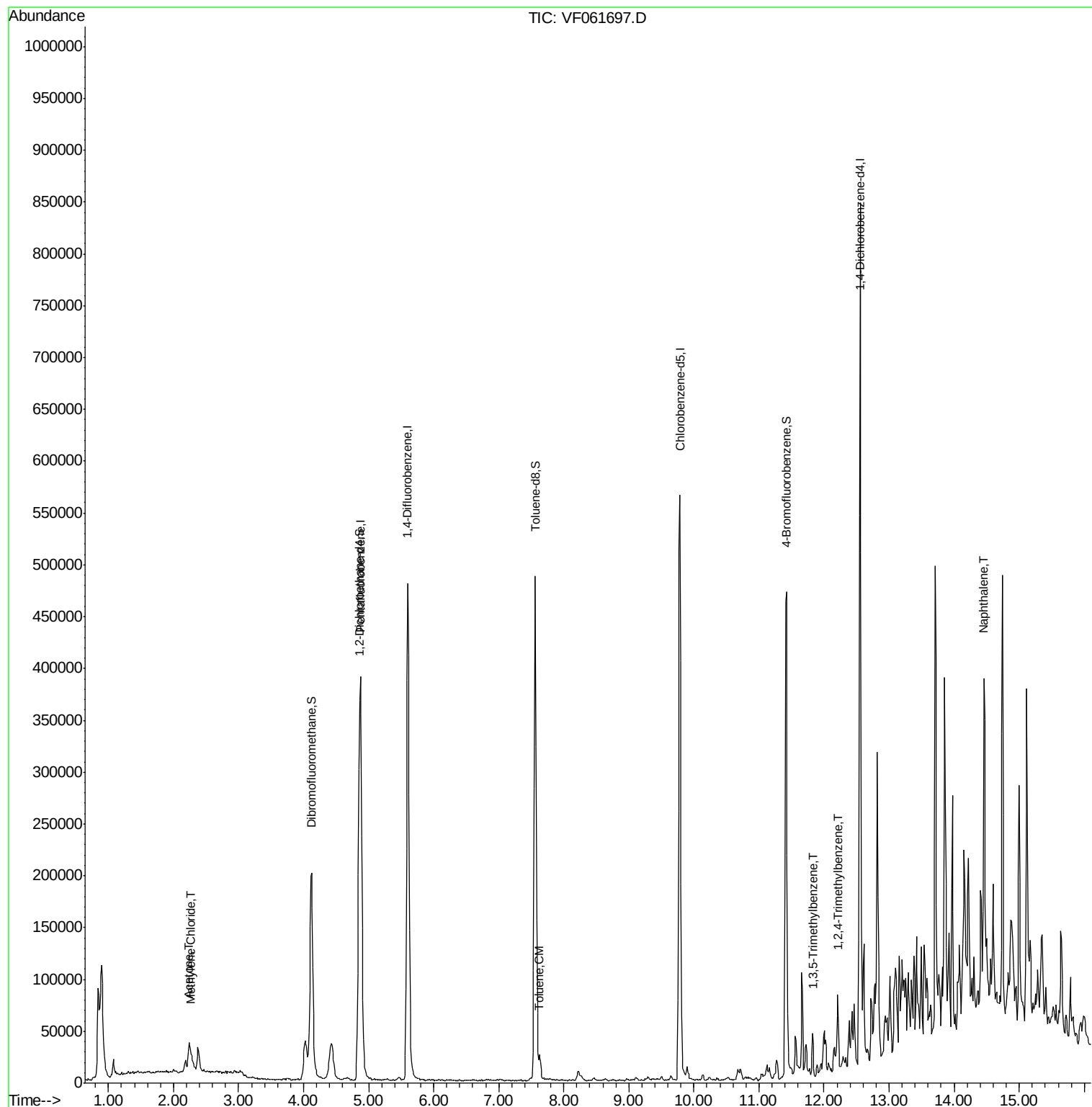
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF022119\
Data File : VF061697.D
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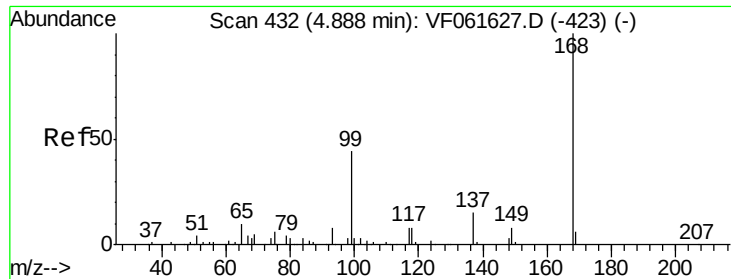
Instrument :
MSVOA_F
ClientSampleId :
NB-08-022019-A

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Quant Time: Feb 22 03:50:31 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_F\METHODS\82F021319S.M
Quant Title : SW846 8260
QLast Update : Thu Feb 14 03:27:56 2019
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: VF061697.D

Acq: 21 Feb 2019 14:44

Instrument :

MSVOA_F

ClientSampleId :

NB-08-022019-A

Tot Ion:168 Resp: 377988

Ion Ratio Lower Upper

168 100

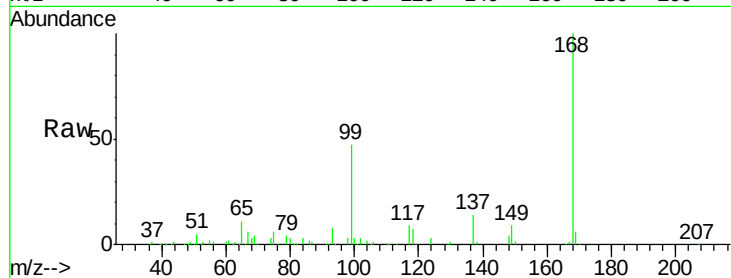
99 46.6 34.9 52.3

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Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

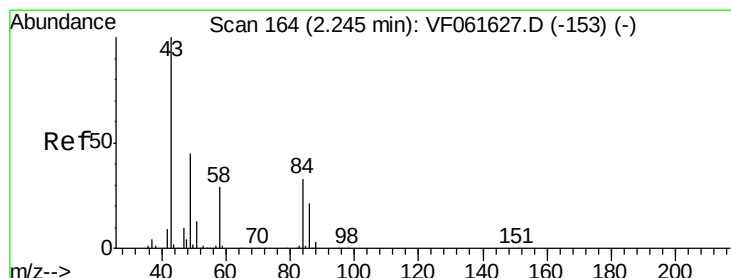
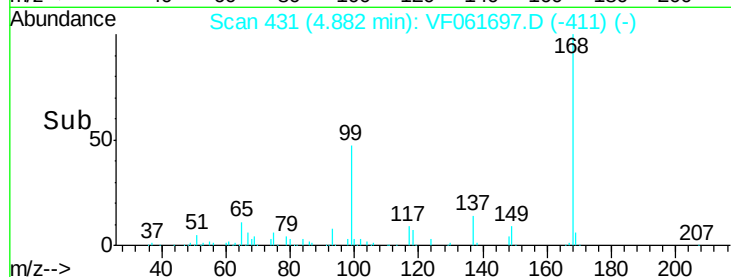
4.88

100000

50000

0

Time-->



#16

Acetone

Concen: 62.825 ug/l

RT: 2.24 min Scan# 163

Delta R.T. -0.01 min

Lab File: VF061697.D

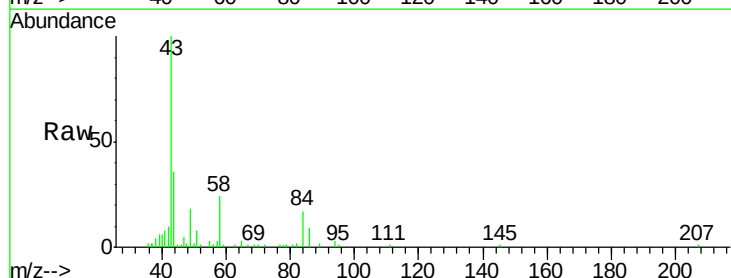
Acq: 21 Feb 2019 14:44

Tgt Ion: 43 Resp: 37363

Ion Ratio Lower Upper

43 100

58 24.0 22.9 34.3



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 58.00 (57.70 to 58.70): VF0

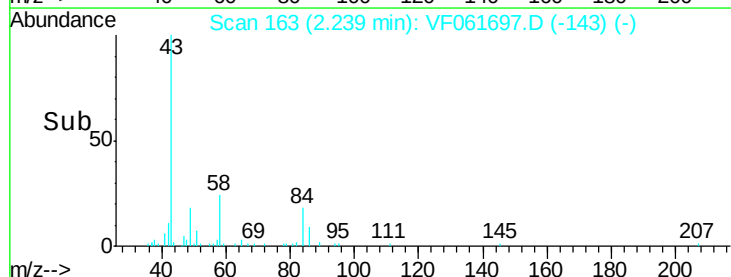
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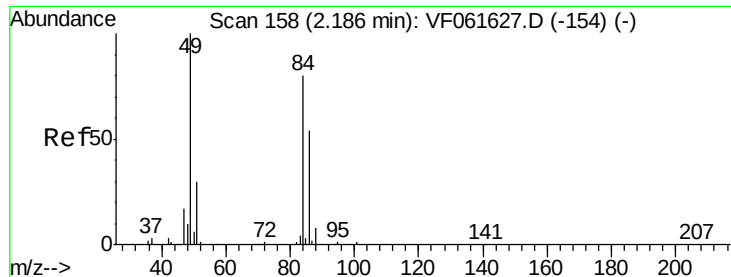
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5000

0

Time-->





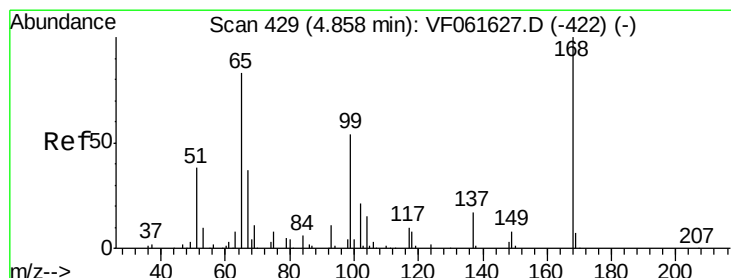
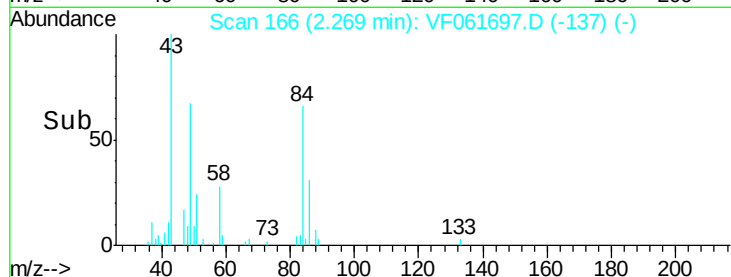
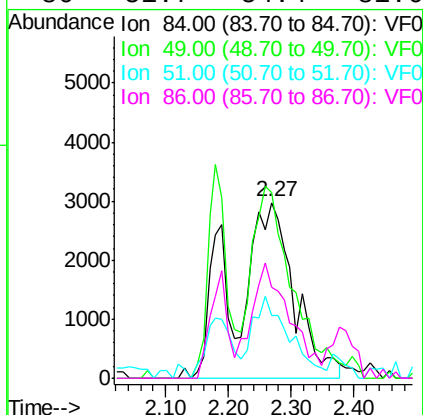
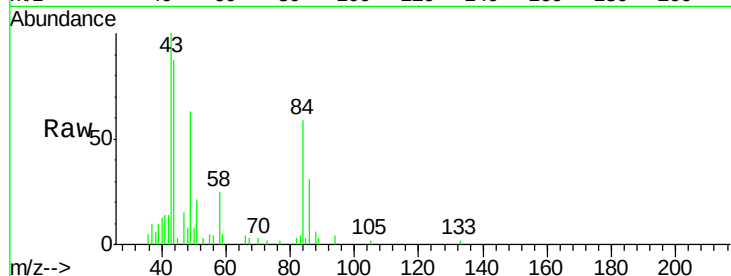
#20
Methylene Chloride
Concen: 3.813 ug/l m
RT: 2.27 min Scan# 166
Delta R.T. 0.08 min
Lab File: VF061697.D
Acq: 21 Feb 2019 14:44

Instrument :
MSVOA_F
ClientSampleId :
NB-08-022019-A

Tot Ion: 84 Resp: 19572
Ion Ratio Lower Upper
84 100
49 105.3 101.8 152.8
51 35.9 31.1 46.7
86 51.7 54.4 81.6#

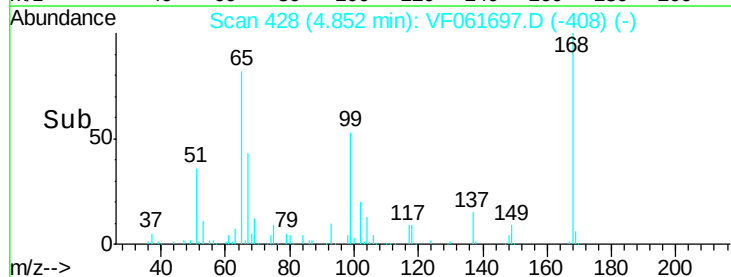
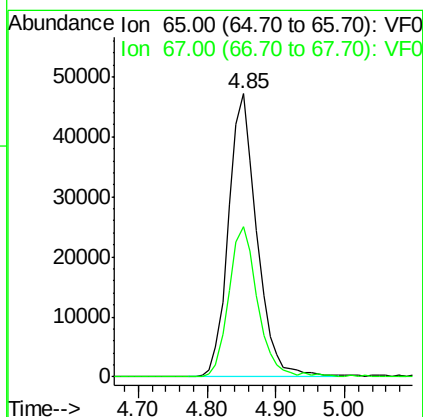
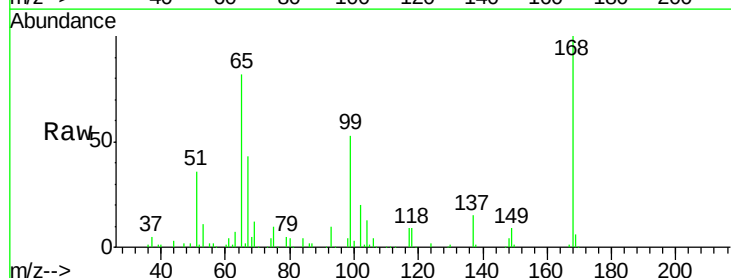
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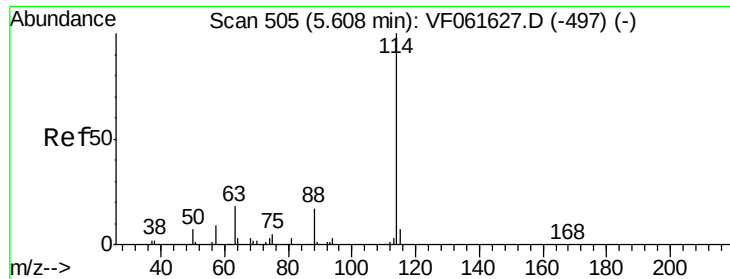
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#33
1,2-Dichloroethane-d4
Concen: 48.617 ug/l
RT: 4.85 min Scan# 428
Delta R.T. -0.01 min
Lab File: VF061697.D
Acq: 21 Feb 2019 14:44

Tgt Ion: 65 Resp: 134758
Ion Ratio Lower Upper
65 100
67 53.1 0.0 104.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.60 min Scan# 504

Delta R.T. -0.01 min

Lab File: VF061697.D

Acq: 21 Feb 2019 14:44

Instrument :

MSVOA_F

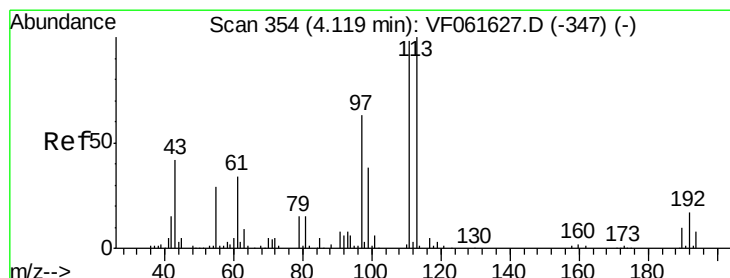
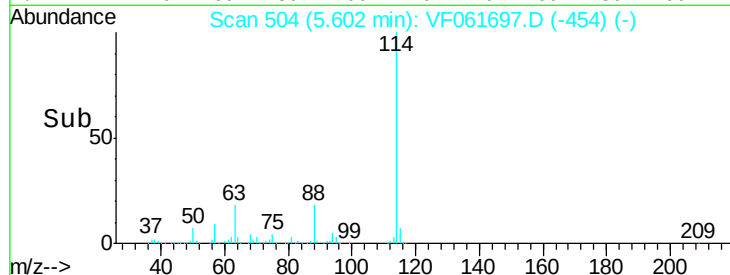
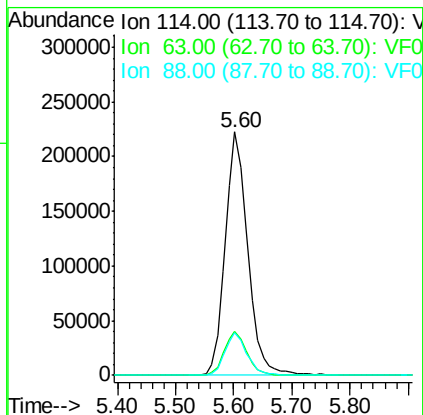
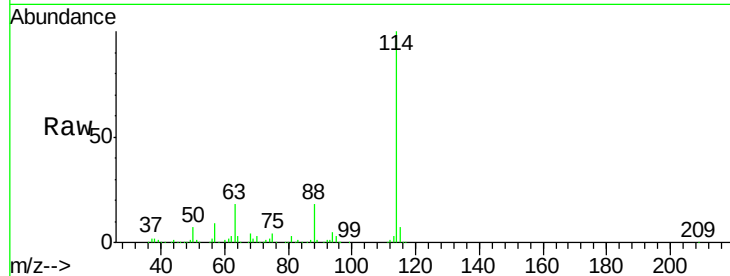
ClientSampleId :

NB-08-022019-A

Tot Ion:	114	Resp:	599973
Ion Ratio	Lower	Upper	
114	100		
63	18.1	0.0	36.6
88	17.5	0.0	34.4

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#35

Dibromofluoromethane

Concen: 44.231 ug/l

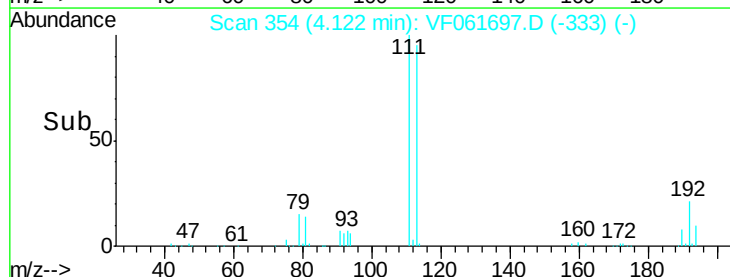
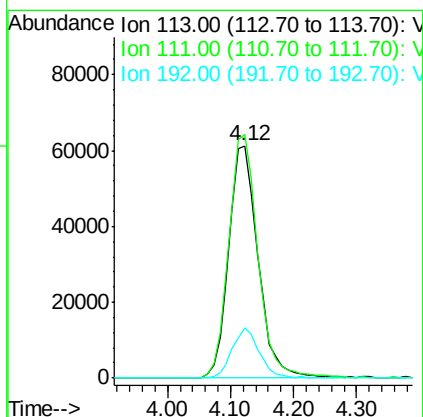
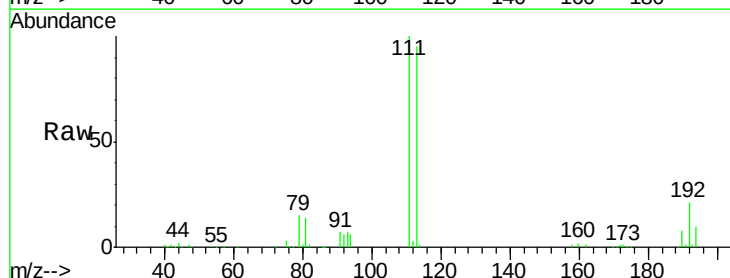
RT: 4.12 min Scan# 354

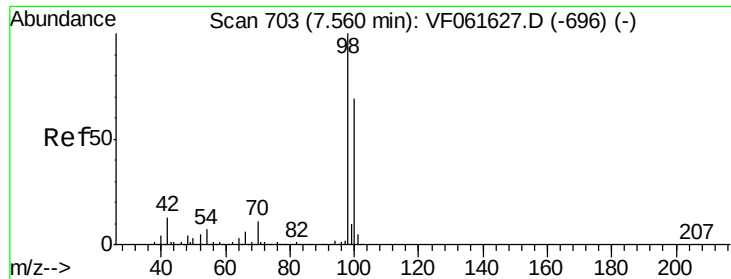
Delta R.T. 0.00 min

Lab File: VF061697.D

Acq: 21 Feb 2019 14:44

Tgt Ion:	113	Resp:	197068
Ion Ratio	Lower	Upper	
113	100		
111	104.8	78.8	118.2
192	22.6	13.4	20.0#





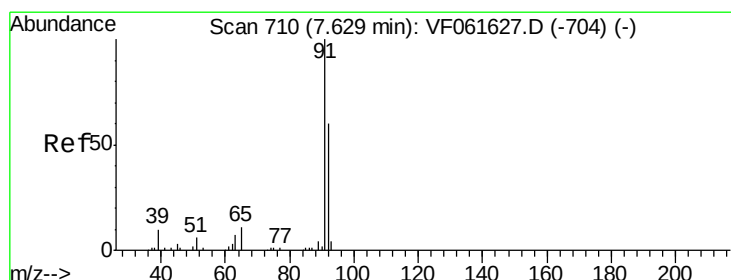
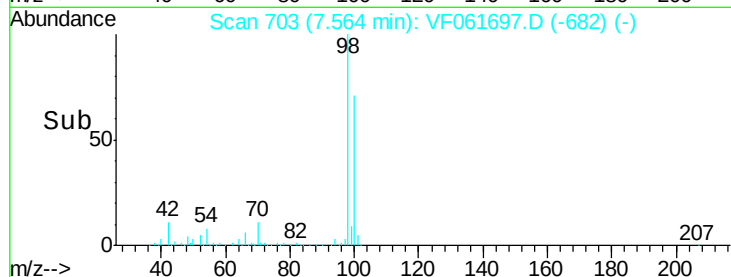
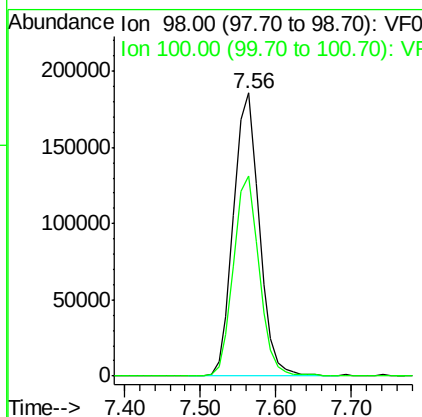
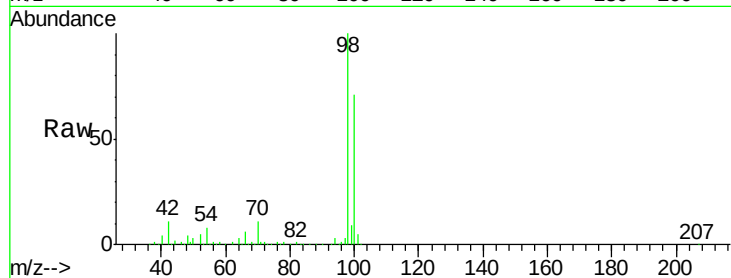
#50
Toluene-d8
Concen: 34.265 ug/l
RT: 7.56 min Scan# 703
Delta R.T. 0.00 min
Lab File: VF061697.D
Acq: 21 Feb 2019 14:44

Instrument :
MSVOA_F
ClientSampleId :
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Tot Ion: 98 Resp: 438871
Ion Ratio Lower Upper
98 100
100 70.6 55.4 83.2

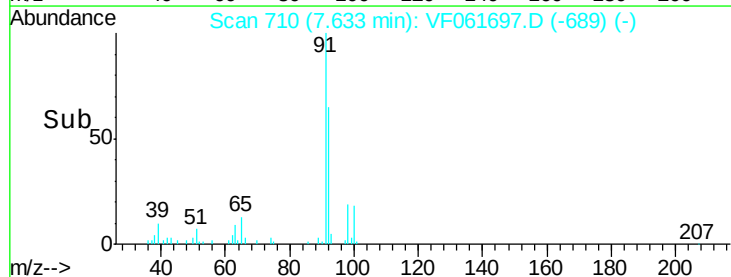
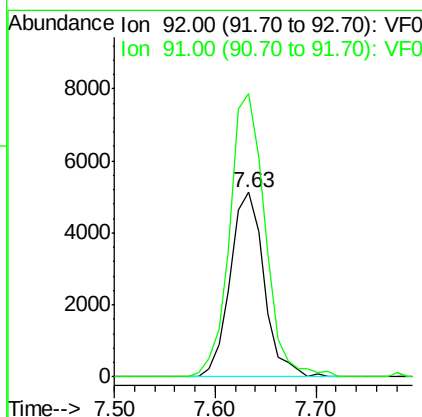
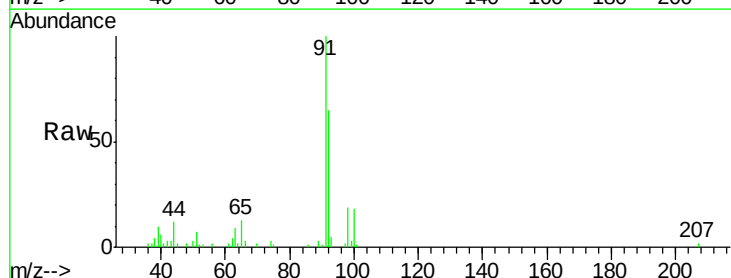
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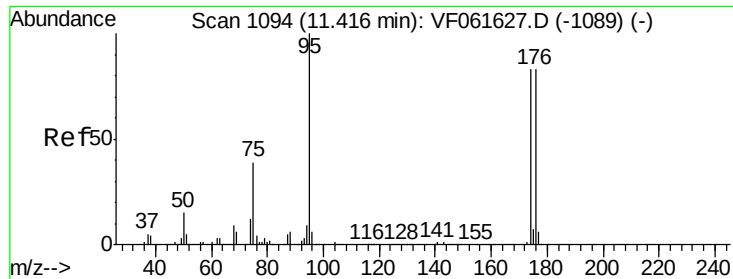
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#52
Toluene
Concen: 1.271 ug/l
RT: 7.63 min Scan# 710
Delta R.T. 0.00 min
Lab File: VF061697.D
Acq: 21 Feb 2019 14:44

Tgt Ion: 92 Resp: 11982
Ion Ratio Lower Upper
92 100
91 153.4 133.9 200.9





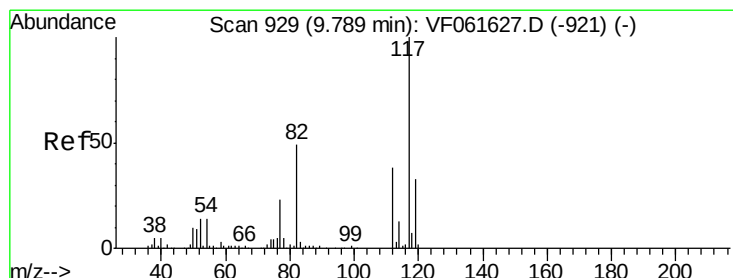
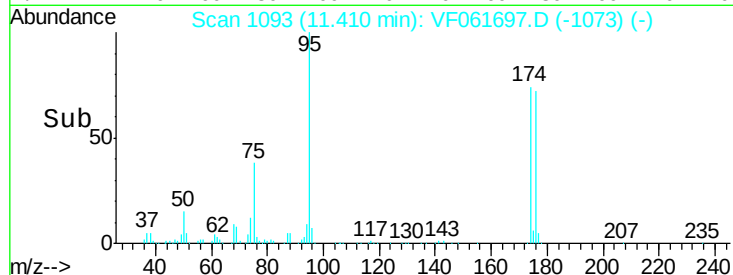
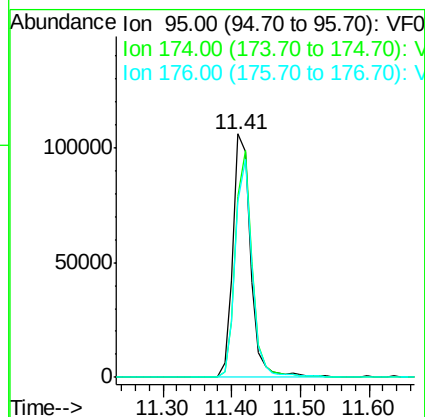
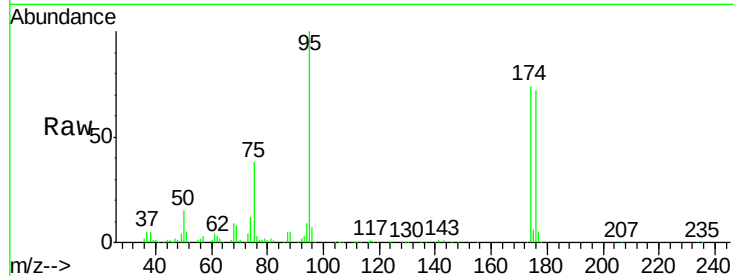
#62
4-Bromofluorobenzene
Concen: 36.781 ug/l
RT: 11.41 min Scan# 1093
Delta R.T. -0.01 min
Lab File: VF061697.D
Acq: 21 Feb 2019 14:44

Instrument :
MSVOA_F
ClientSampleId :
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Tot Ion	Ratio	Resp	Lower	Upper
95	100	190613		
174	74.1	0.0	165.8	
176	72.3	0.0	167.0	

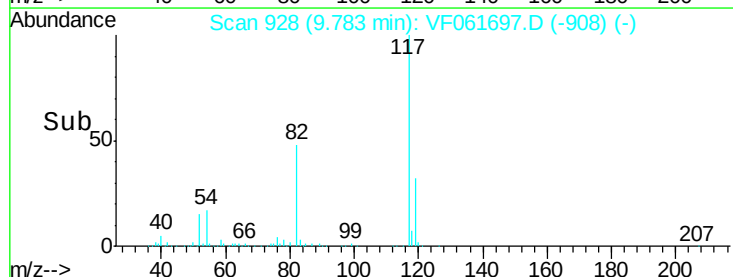
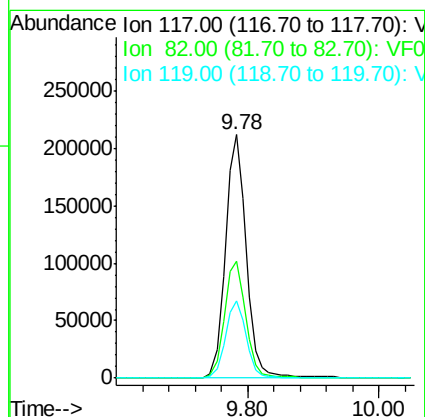
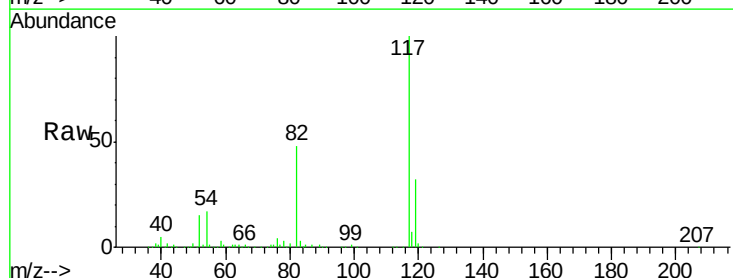
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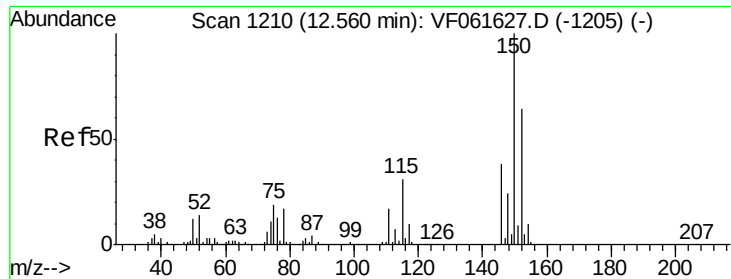
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#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.78 min Scan# 928
Delta R.T. -0.01 min
Lab File: VF061697.D
Acq: 21 Feb 2019 14:44

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	468819		
82	47.9	39.3	58.9	
119	32.0	26.6	40.0	





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.55 min Scan# 1209

Delta R.T. -0.01 min

Lab File: VF061697.D

Acq: 21 Feb 2019 14:44

Instrument :

MSVOA_F

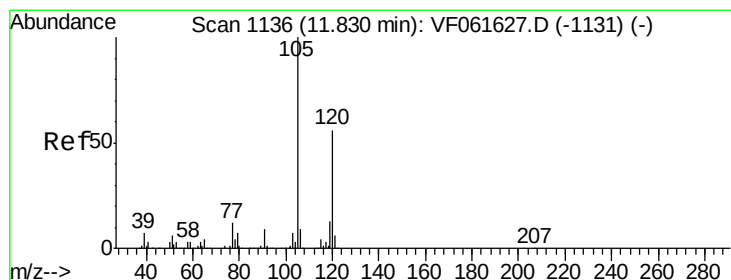
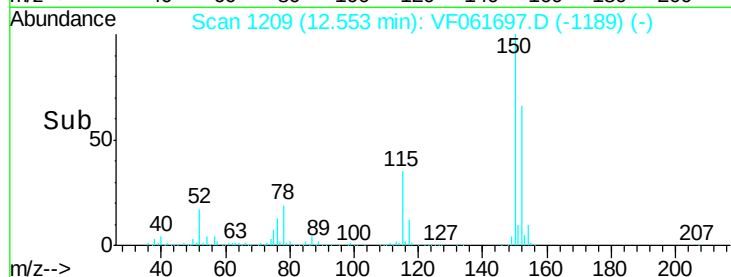
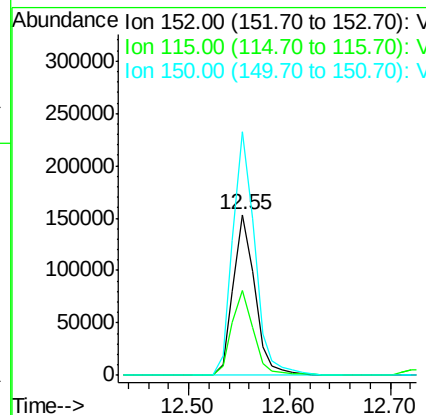
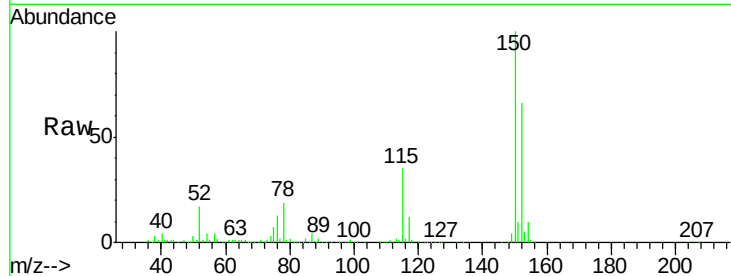
ClientSampleId :

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Tot Ion:	152	Resp:	231993
Ion Ratio	Lower	Upper	
152	100		
115	52.6	24.3	72.8
150	151.2	0.0	312.0

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#80

1,3,5-Trimethylbenzene

Concen: 1.377 ug/l

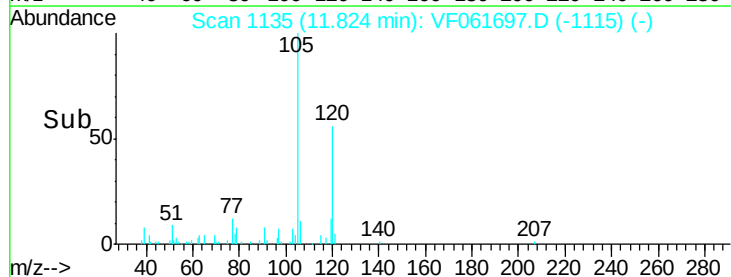
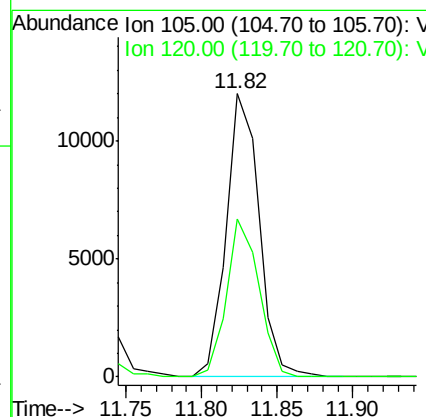
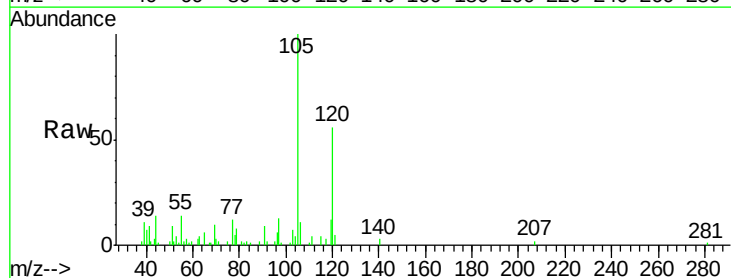
RT: 11.82 min Scan# 1135

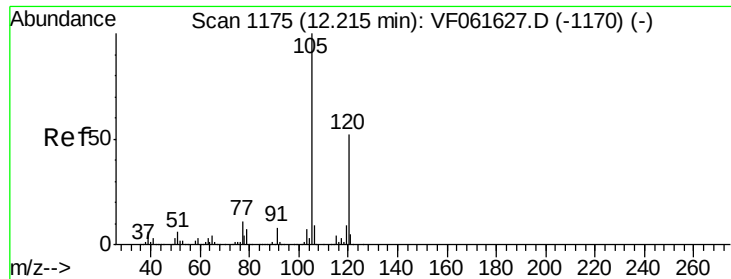
Delta R.T. -0.01 min

Lab File: VF061697.D

Acq: 21 Feb 2019 14:44

Tgt Ion:	105	Resp:	18183
Ion Ratio	Lower	Upper	
105	100		
120	55.9	27.9	83.6





#84

1,2,4-Trimethylbenzene

Concen: 1.351 ug/l

RT: 12.21 min Scan# 1174

Delta R.T. -0.01 min

Lab File: VF061697.D

Acq: 21 Feb 2019 14:44

Instrument :

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ClientSampleId :

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Tot Ion:105 Resp: 17716

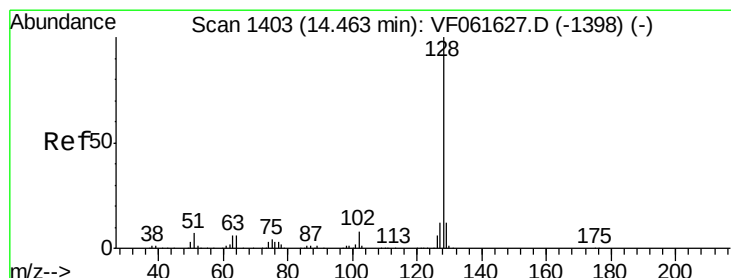
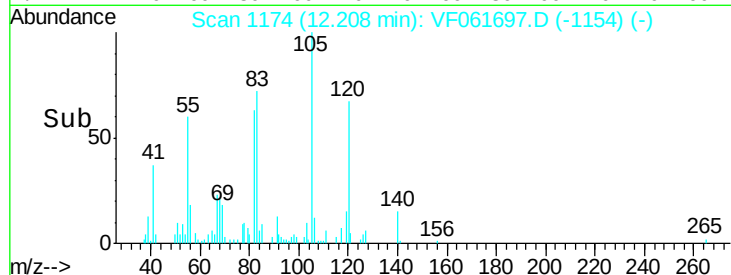
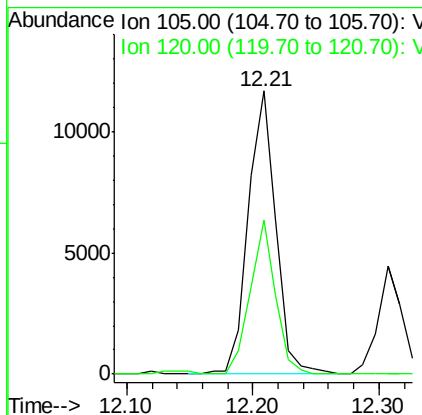
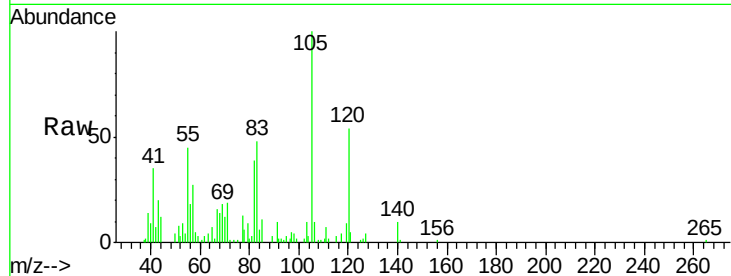
Ion Ratio Lower Upper

105 100

120 54.4 26.1 78.3

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#95

Naphthalene

Concen: 2.518 ug/l

RT: 14.46 min Scan# 1402

Delta R.T. -0.01 min

Lab File: VF061697.D

Acq: 21 Feb 2019 14:44

Tgt Ion:128 Resp: 23892

Ion Ratio Lower Upper

128 100

127 28.9 9.8 14.6#

129 24.7 9.4 14.2#

