

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF021819\
 Data File : VF061685.D
 Acq On : 18 Feb 2019 18:24
 Operator : VA/AP
 Sample : K1525-03
 Misc : 5.32g/5mL/MSVOA-F/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 M-14-S

Manual Integrations
 APPROVED

MMDadoda
 2/19/2019 12:29:37 PM

Quant Time: Feb 19 02:50:43 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	4.86	168	348721	50.00	ug/l	-0.03
34) 1,4-Difluorobenzene	5.59	114	534427	50.00	ug/l	-0.02
63) Chlorobenzene-d5	9.77	117	431886	50.00	ug/l	-0.02
72) 1,4-Dichlorobenzene-d4	12.55	152	219587	50.00	ug/l	-0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.84	65	112112	43.84	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	87.68%	
35) Dibromofluoromethane	4.11	113	174226	43.90	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	87.80%	
50) Toluene-d8	7.54	98	446417	39.13	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	78.26%	
62) 4-Bromofluorobenzene	11.40	95	173309	37.54	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	75.08%	
Target Compounds						
16) Acetone	2.23	43	9370	17.078	ug/l	Qvalue 89
20) Methylene Chloride	2.17	84	19035m	4.164	ug/l	

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

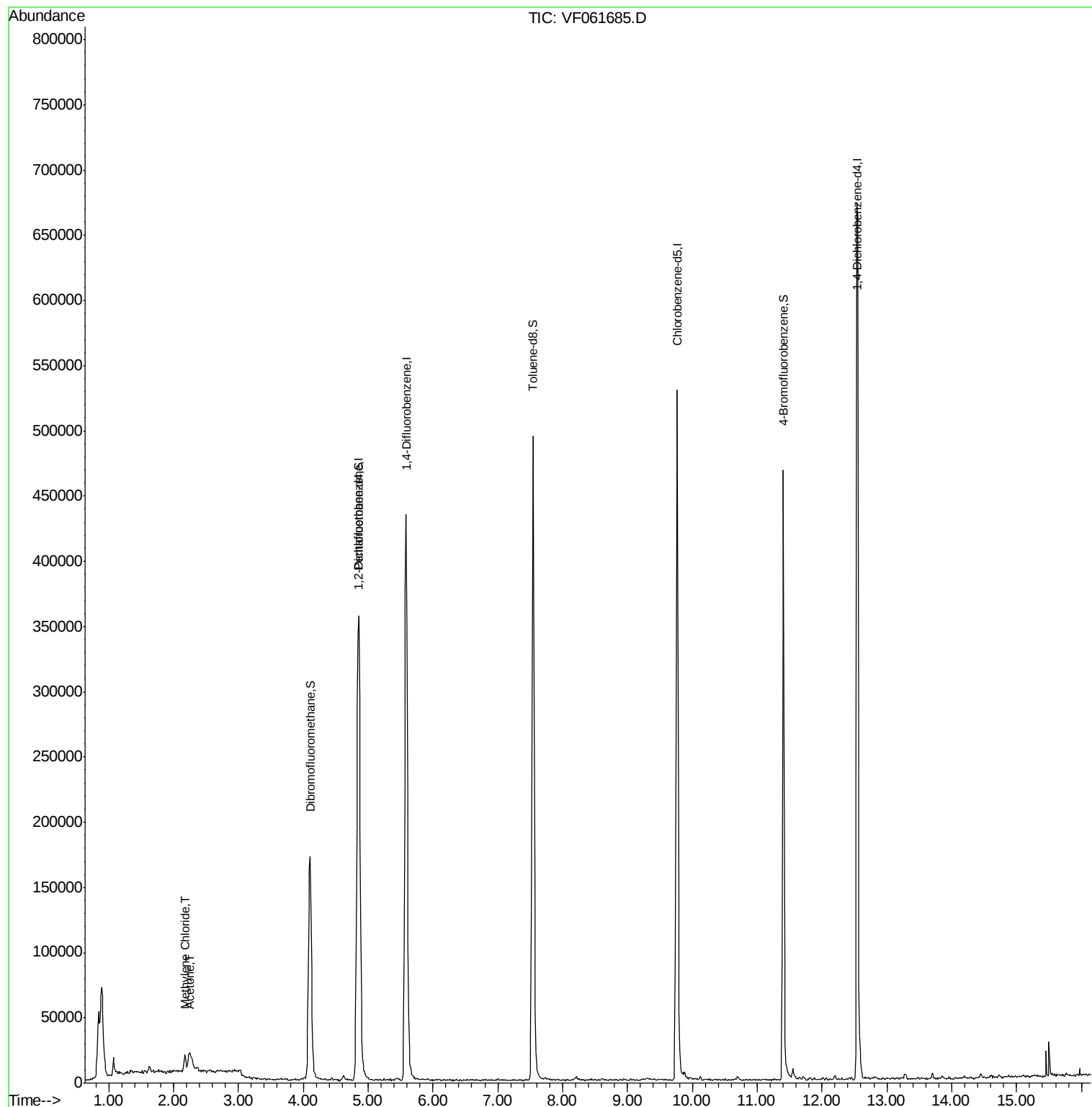
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF021819\
Data File : VF061685.D
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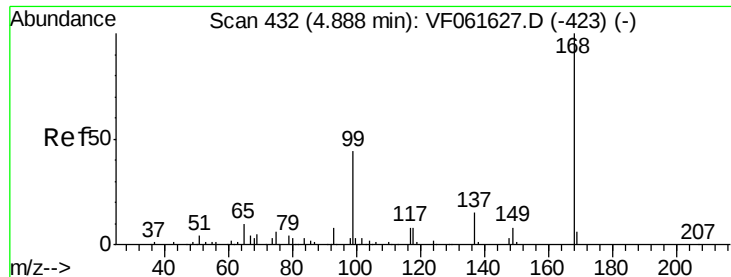
Instrument :
MSVOA_F
ClientSampleId :
M-14-S

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Quant Time: Feb 19 02:50:43 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: 4.86 min Scan# 429

Delta R.T. -0.03 min

Lab File: VF061685.D

Acq: 18 Feb 2019 18:24

Instrument :

MSVOA_F

ClientSampleId :

M-14-S

Tot Ion:168 Resp: 348721

Ion Ratio Lower Upper

168 100

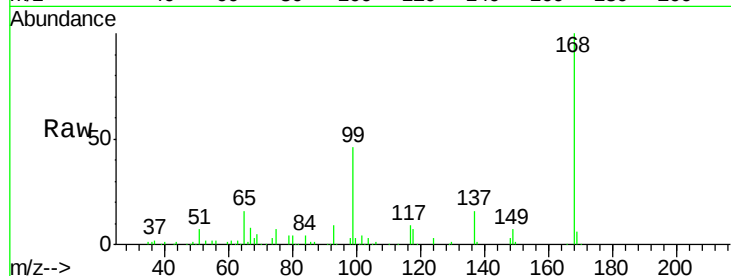
99 46.4 34.9 52.3

Manual Integrations

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Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

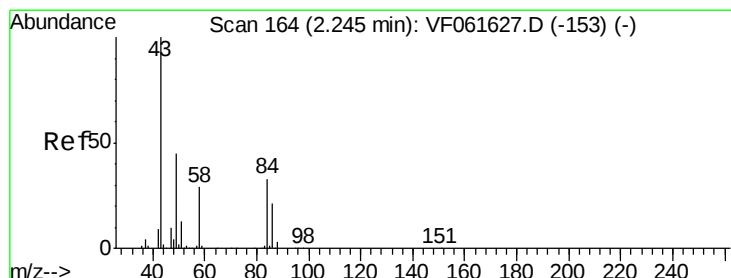
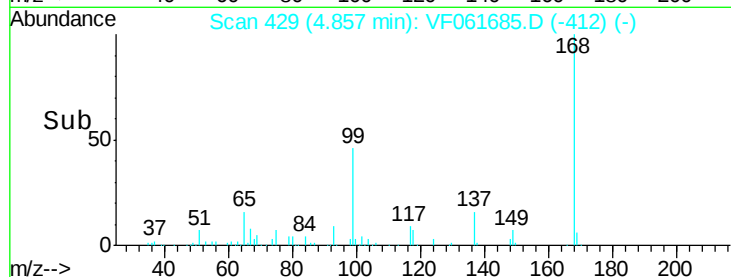
4.86

100000

50000

0

Time-->



#16

Acetone

Concen: 17.078 ug/l

RT: 2.23 min Scan# 163

Delta R.T. -0.01 min

Lab File: VF061685.D

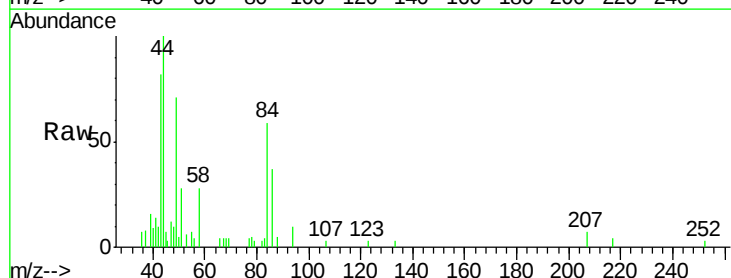
Acq: 18 Feb 2019 18:24

Tgt Ion: 43 Resp: 9370

Ion Ratio Lower Upper

43 100

58 34.3 22.9 34.3



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 58.00 (57.70 to 58.70): VF0

2.23

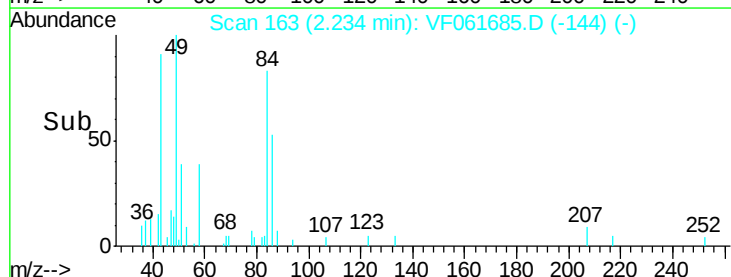
3000

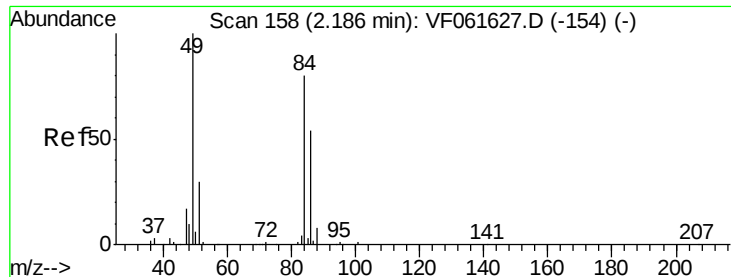
2000

1000

0

Time-->





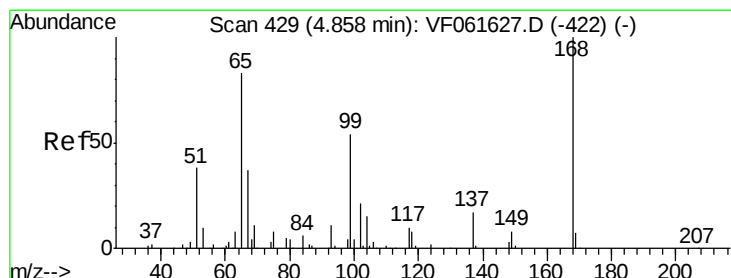
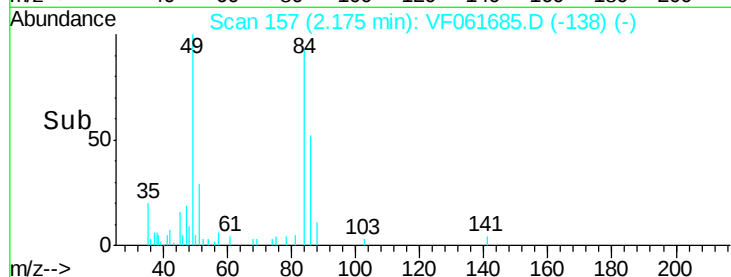
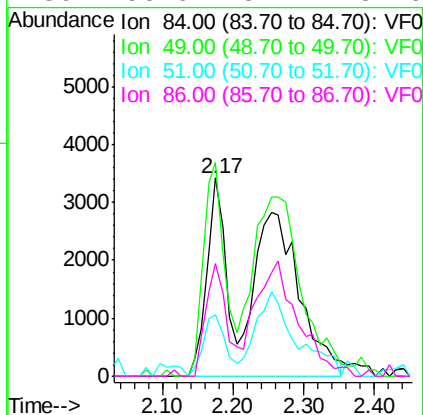
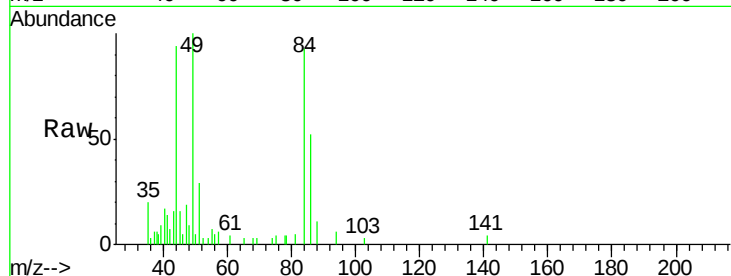
#20
Methvlene Chloride
Concen: 4.164 ug/l m
RT: 2.17 min Scan# 157
Delta R.T. -0.01 min
Lab File: VF061685.D
Acq: 18 Feb 2019 18:24

Instrument :
MSVOA_F
ClientSampled :
M-14-S

Tot Ion	Ratio	Lower	Upper
84	100		
49	107.8	101.8	152.8
51	31.0	31.1	46.7#
86	56.6	54.4	81.6

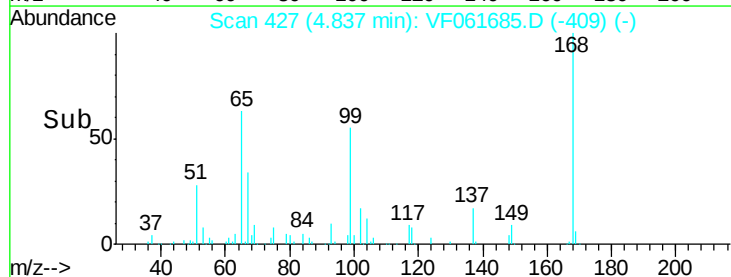
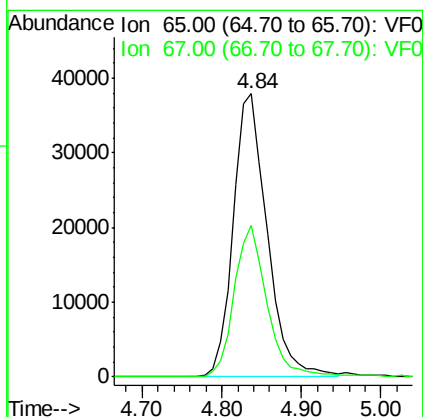
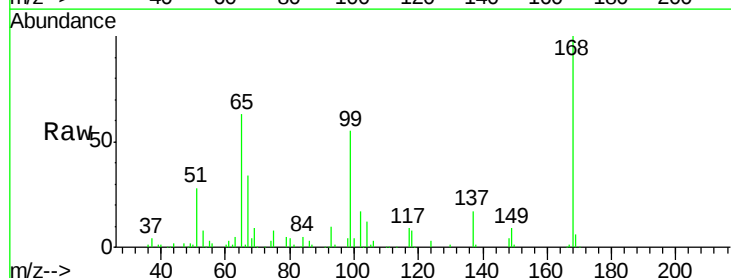
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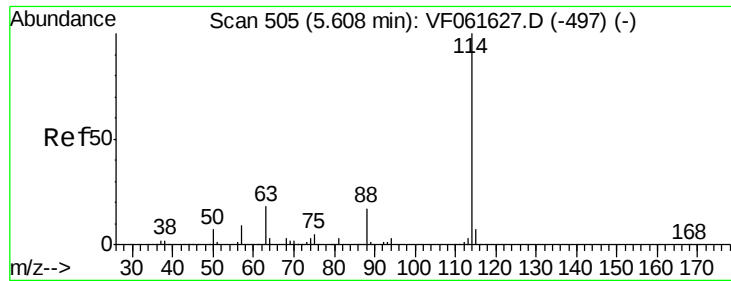
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#33
1,2-Dichloroethane-d4
Concen: 43.841 ug/l
RT: 4.84 min Scan# 427
Delta R.T. -0.02 min
Lab File: VF061685.D
Acq: 18 Feb 2019 18:24

Tgt Ion	Ratio	Lower	Upper
65	100		
67	53.6	0.0	104.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.59 min Scan# 503

Delta R.T. -0.02 min

Lab File: VF061685.D

Acq: 18 Feb 2019 18:24

Instrument :

MSVOA_F

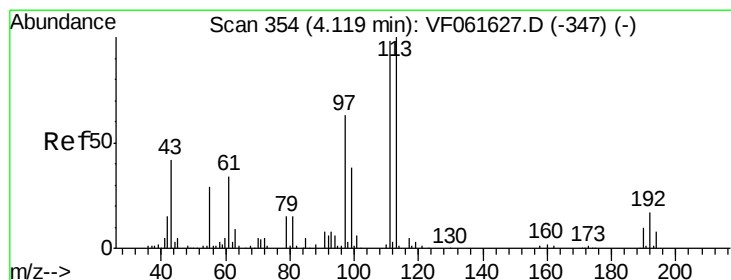
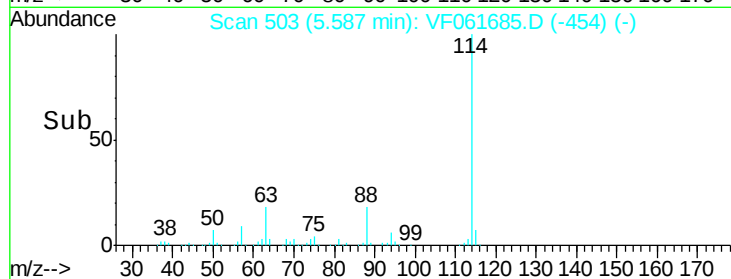
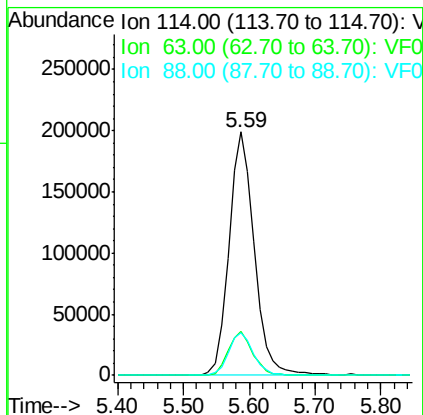
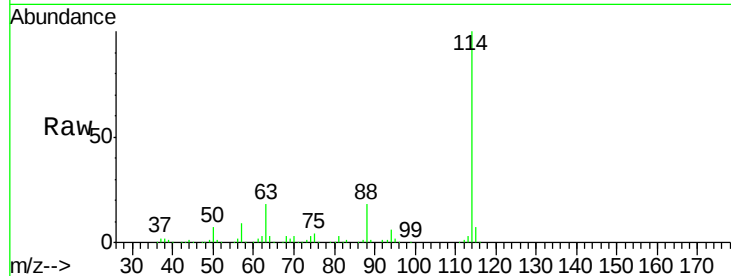
ClientSampleId :

M-14-S

Tot Ion:	114	Resp:	534427
Ion Ratio	Lower	Upper	
114	100		
63	17.9	0.0	36.6
88	17.7	0.0	34.4

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#35

Dibromofluoromethane

Concen: 43.900 ug/l

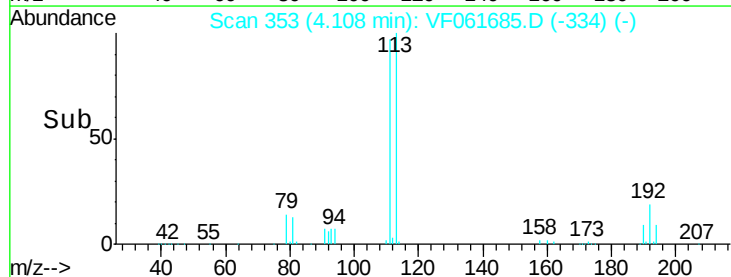
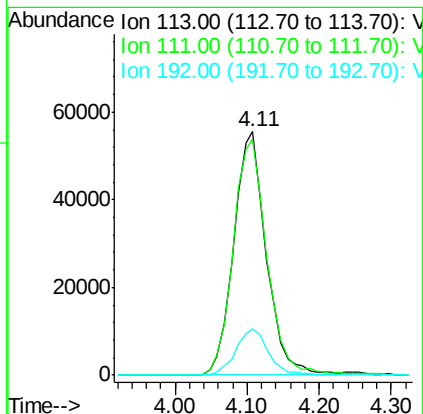
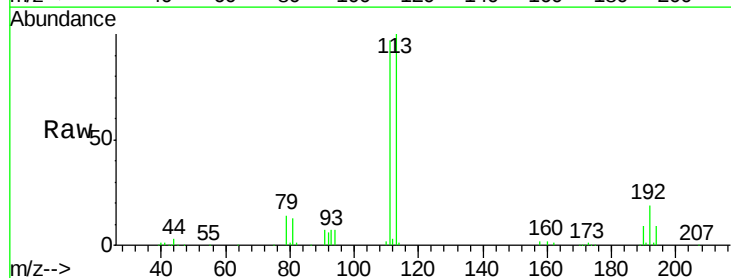
RT: 4.11 min Scan# 353

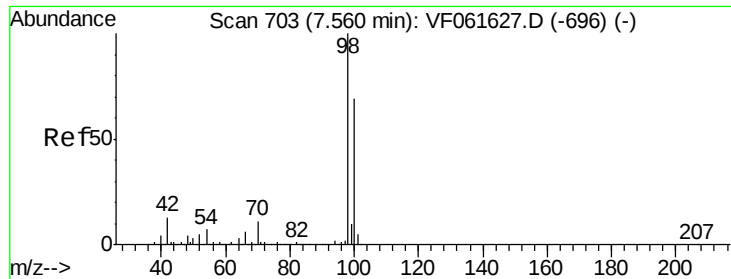
Delta R.T. -0.01 min

Lab File: VF061685.D

Acq: 18 Feb 2019 18:24

Tgt Ion:	113	Resp:	174226
Ion Ratio	Lower	Upper	
113	100		
111	96.8	78.8	118.2
192	19.0	13.4	20.0





#50

Toluene-d8

Concen: 39.129 ug/l

RT: 7.54 min Scan# 701

Delta R.T. -0.02 min

Lab File: VF061685.D

Acq: 18 Feb 2019 18:24

Instrument :

MSVOA_F

ClientSampleId :

M-14-S

Tot Ion: 98 Resp: 446417

Ion Ratio Lower Upper

98 100

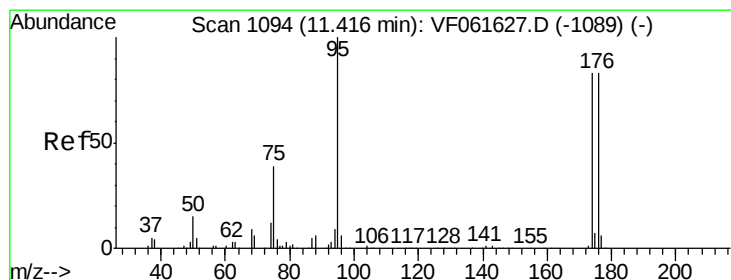
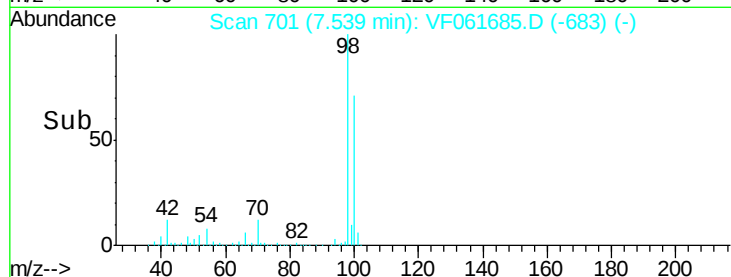
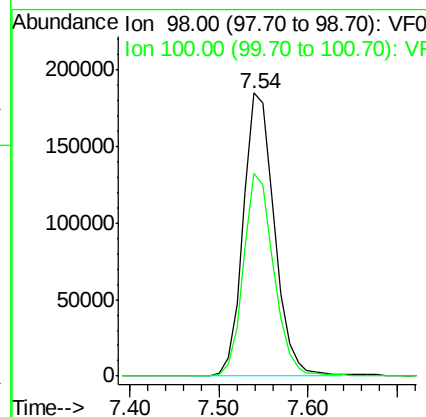
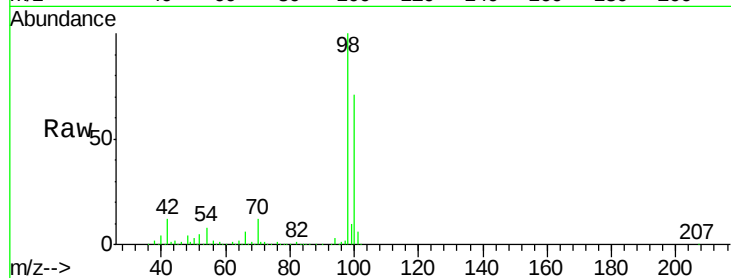
100 71.5 55.4 83.2

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#62

4-Bromofluorobenzene

Concen: 37.543 ug/l

RT: 11.40 min Scan# 1093

Delta R.T. -0.01 min

Lab File: VF061685.D

Acq: 18 Feb 2019 18:24

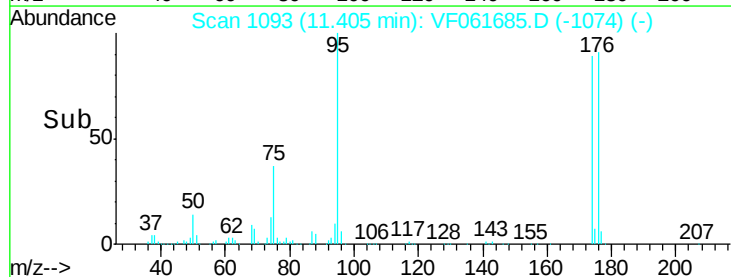
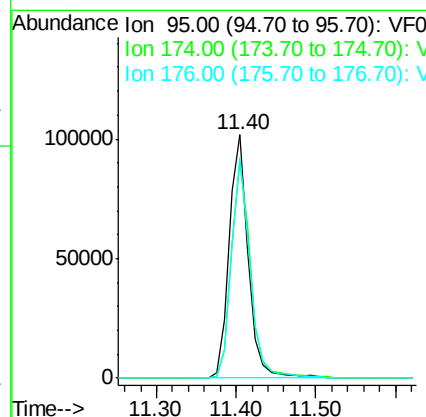
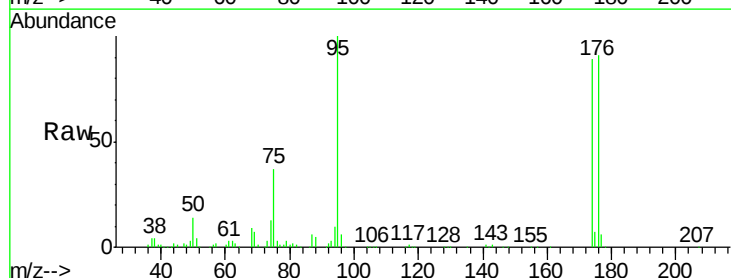
Tgt Ion: 95 Resp: 173309

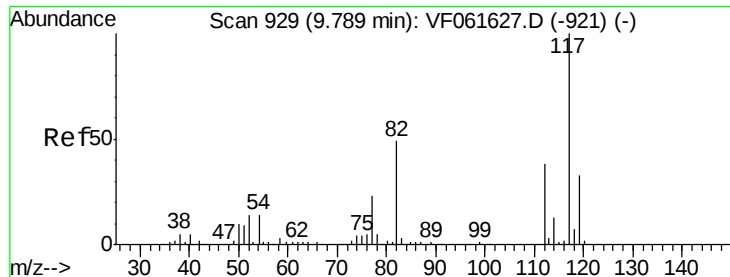
Ion Ratio Lower Upper

95 100

174 89.1 0.0 165.8

176 90.9 0.0 167.0





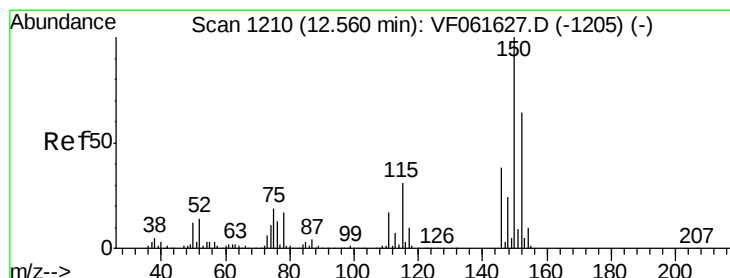
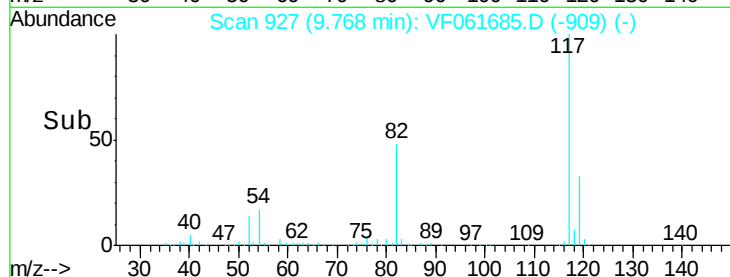
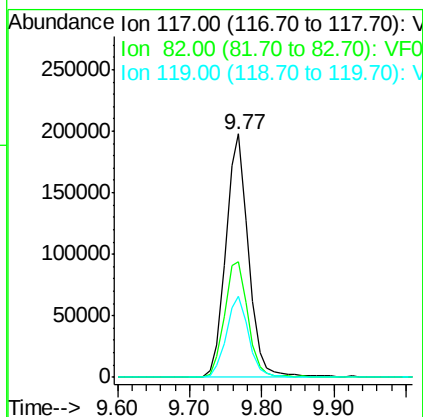
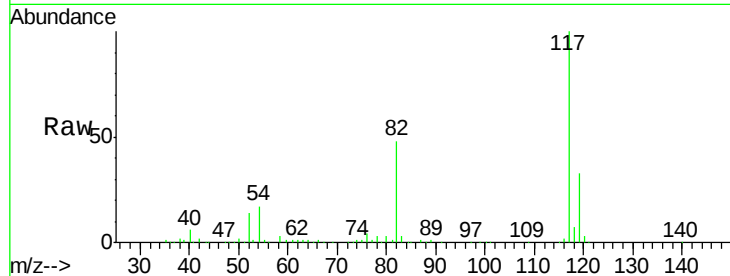
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.77 min Scan# 927
Delta R.T. -0.02 min
Lab File: VF061685.D
Acq: 18 Feb 2019 18:24

Instrument :
MSVOA_F
ClientSampled :
M-14-S

Tot Ion	Ratio	Resp	Lower	Upper
117	100	431886		
82	47.6	39.3	58.9	
119	33.5	26.6	40.0	

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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.55 min Scan# 1209
Delta R.T. -0.01 min
Lab File: VF061685.D
Acq: 18 Feb 2019 18:24

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	219587		
115	47.3	24.3	72.8	
150	149.1	0.0	312.0	

