

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF011719\
 Data File : VF061441.D
 Acq On : 17 Jan 2019 13:32
 Operator : VA/AP
 Sample : K1157-02RE
 Misc : 5.06g/5mL/MSVOA-F/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 WC-01-011519RE

Manual Integrations
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 1/18/2019 3:42:12 PM

Quant Time: Jan 18 03:59:15 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F011519S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 16 04:51:59 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.84	168	194247	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	5.57	114	337009	50.00	ug/l	-0.02
63) Chlorobenzene-d5	9.76	117	252929	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.54	152	95847	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.81	65	114678	47.82	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	95.64%	
35) Dibromofluoromethane	4.08	113	140159	52.71	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	105.42%	
50) Toluene-d8	7.54	98	327816	44.99	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.98%	
62) 4-Bromofluorobenzene	11.39	95	127120	37.34	ug/l	0.00
Spiked Amount 50.000			Recovery	=	74.68%	
Target Compounds						
16) Acetone	2.22	43	4394	9.133	ug/l #	91
20) Methylene Chloride	2.17	84	14750m	7.539	ug/l	

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

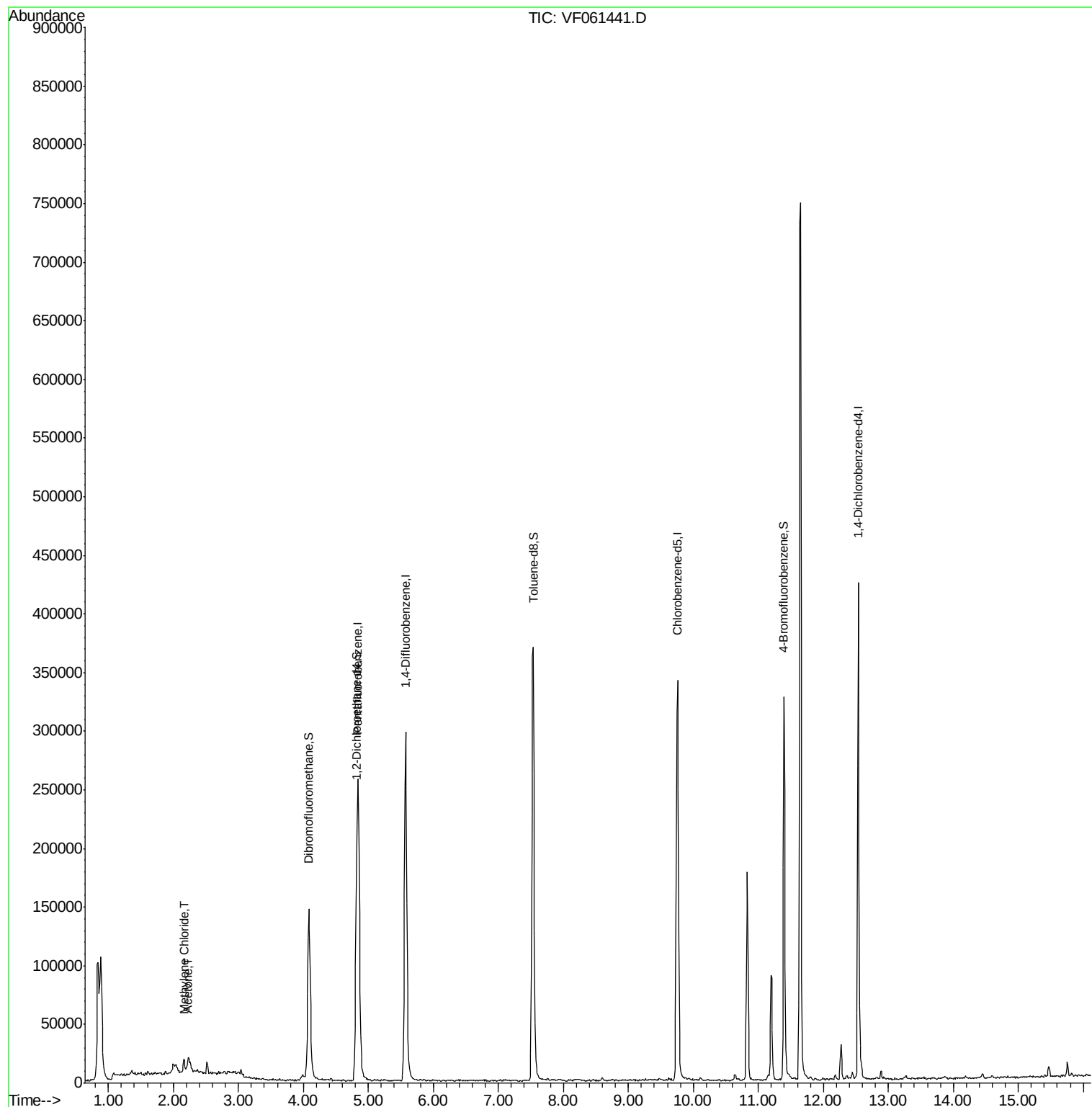
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF011719\
Data File : VF061441.D
Acq On : 17 Jan 2019 13:32
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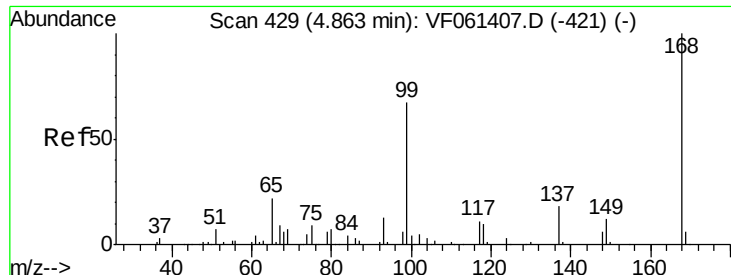
Instrument :
MSVOA_F
ClientSampleId :
WC-01-011519RE

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Quant Time: Jan 18 03:59:15 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_F\METHODS\82F011519S.M
Quant Title : SW846 8260
QLast Update : Wed Jan 16 04:51:59 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.84 min Scan# 427

Delta R.T. -0.02 min

Lab File: VF061441.D

Acq: 17 Jan 2019 13:32

Instrument :

MSVOA_F

ClientSampleId :

WC-01-011519RE

Tot Ion:168 Resp: 194247

Ion Ratio Lower Upper

168 100

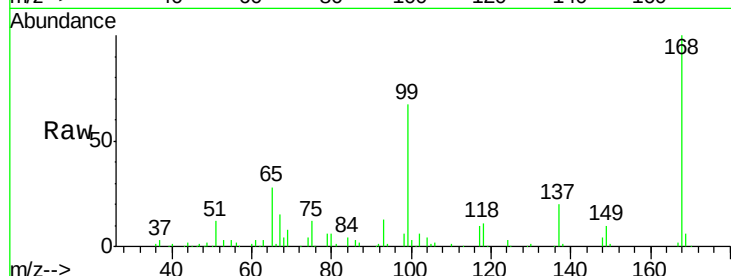
99 67.0 53.5 80.3

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Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

4.84

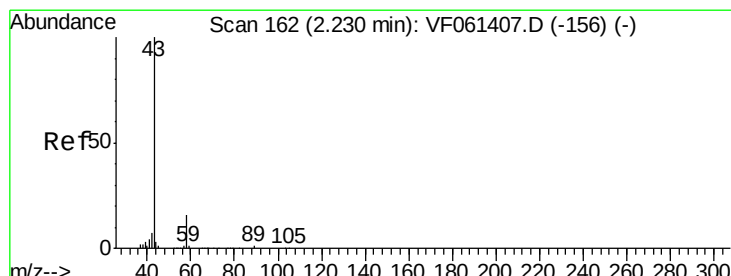
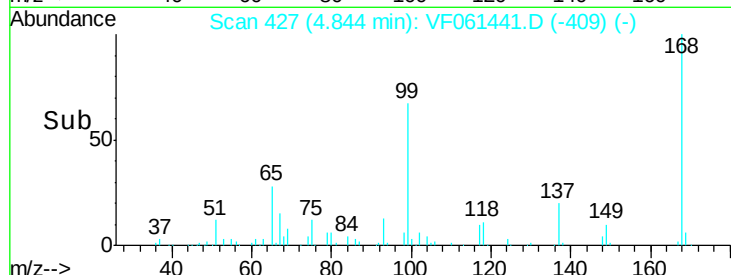
60000

40000

20000

0

Time-->



#16

Acetone

Concen: 9.133 ug/l

RT: 2.22 min Scan# 161

Delta R.T. -0.01 min

Lab File: VF061441.D

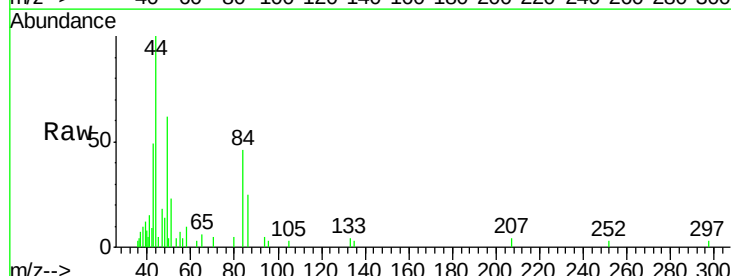
Acq: 17 Jan 2019 13:32

Tgt Ion: 43 Resp: 4394

Ion Ratio Lower Upper

43 100

58 20.5 13.3 19.9#



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 58.00 (57.70 to 58.70): VF0

2.22

2000

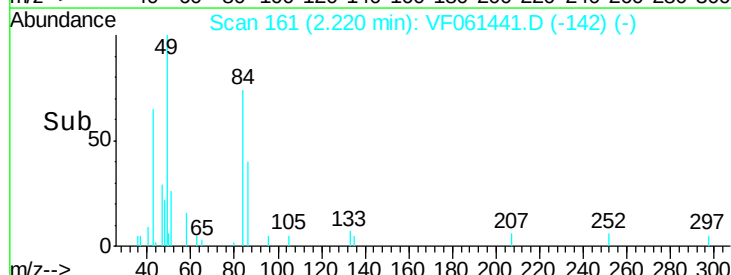
1500

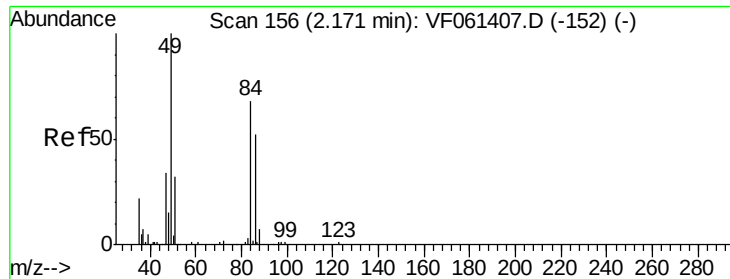
1000

500

0

Time-->





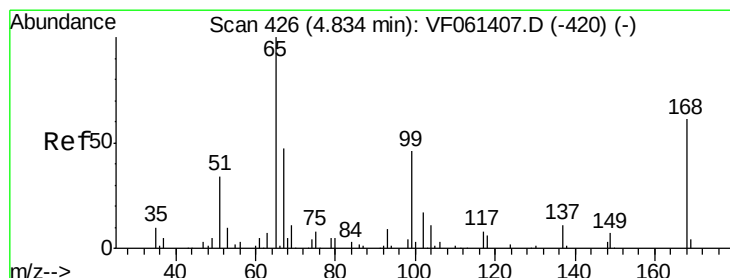
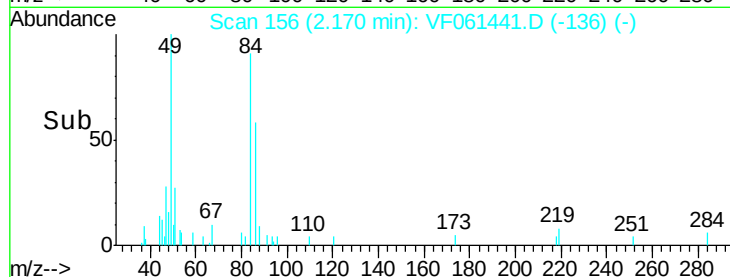
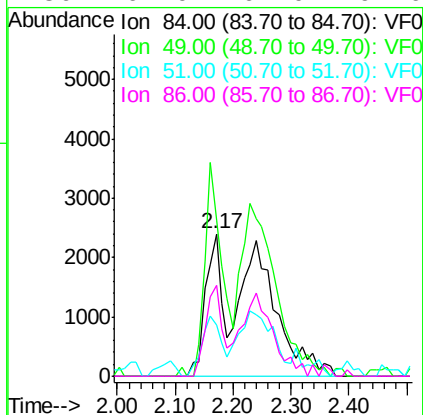
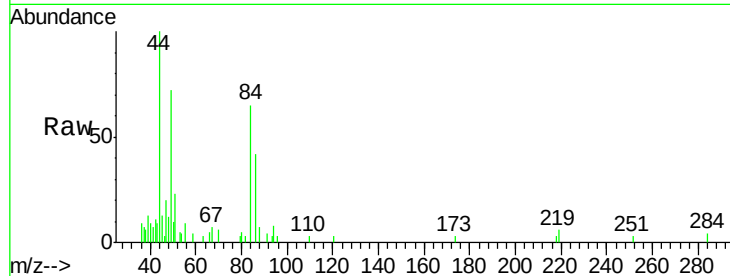
#20
Methylene Chloride
Concen: 7.539 ug/l m
RT: 2.17 min Scan# 156
Delta R.T. 0.00 min
Lab File: VF061441.D
Acq: 17 Jan 2019 13:32

Instrument :
MSVOA_F
ClientSampleId :
WC-01-011519RE

Tot Ion	Ratio	Lower	Upper
84	100		
49	110.0	120.0	180.0#
51	35.5	38.6	58.0#
86	64.0	61.0	91.6

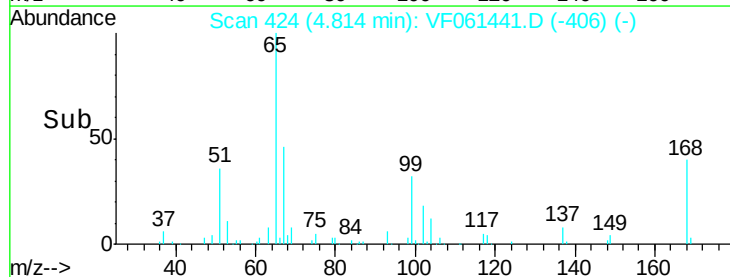
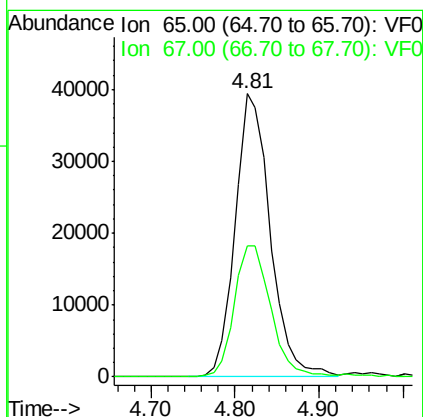
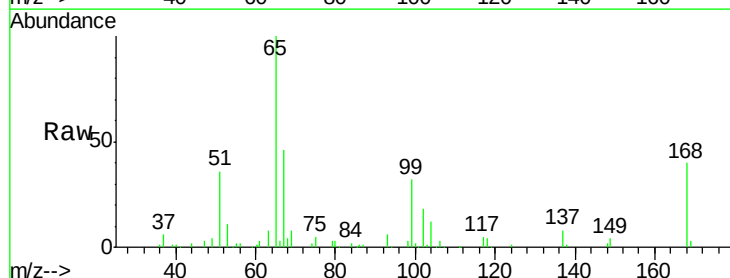
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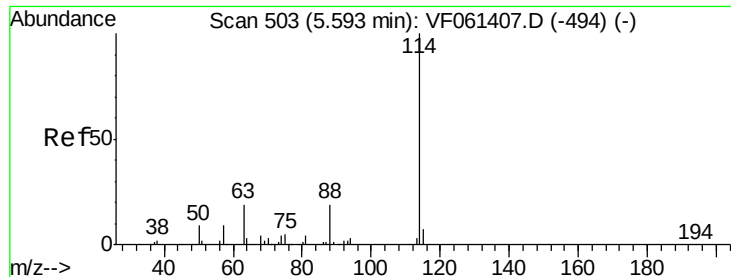
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#33
1,2-Dichloroethane-d4
Concen: 47.818 ug/l
RT: 4.81 min Scan# 424
Delta R.T. -0.02 min
Lab File: VF061441.D
Acq: 17 Jan 2019 13:32

Tgt Ion	Ratio	Lower	Upper
65	100		
67	46.3	0.0	99.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.57 min Scan# 501

Delta R.T. -0.02 min

Lab File: VF061441.D

Acq: 17 Jan 2019 13:32

Instrument :

MSVOA_F

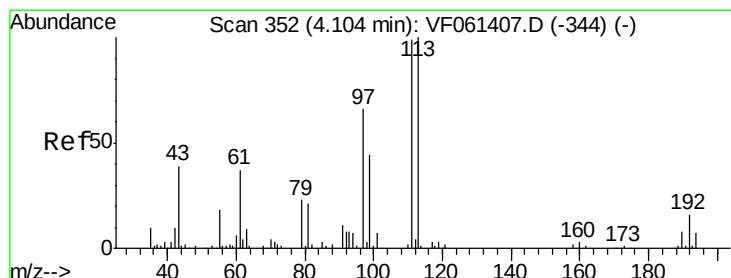
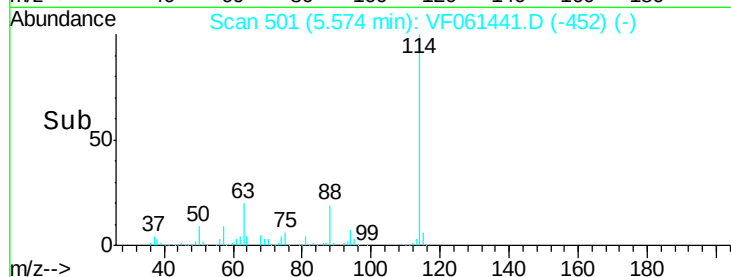
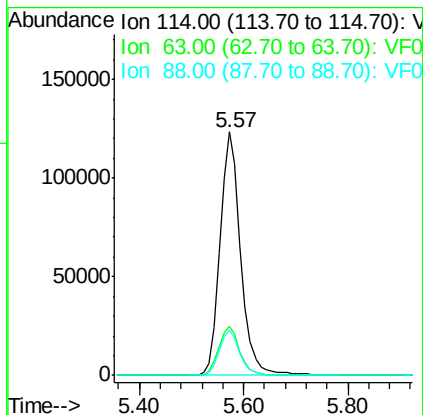
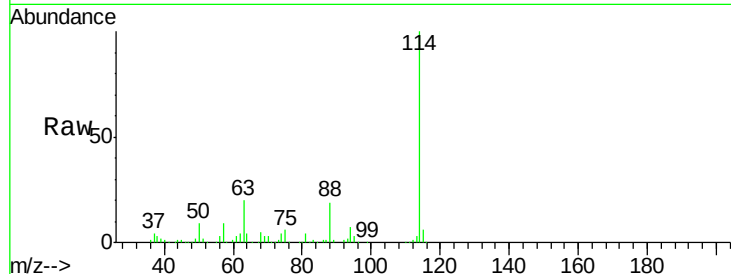
ClientSampleId :

WC-01-011519RE

Tot Ion:	114	Resp:	337009
Ion Ratio	Lower	Upper	
114	100		
63	20.1	0.0	39.0
88	18.8	0.0	37.4

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#35

Dibromofluoromethane

Concen: 52.705 ug/l

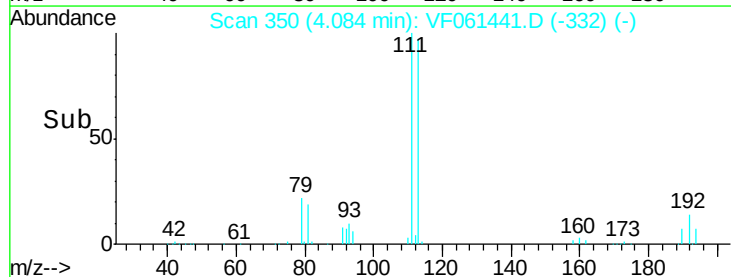
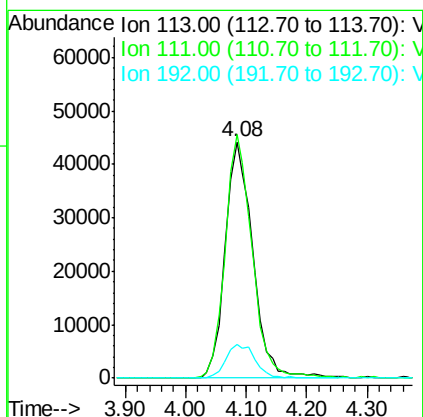
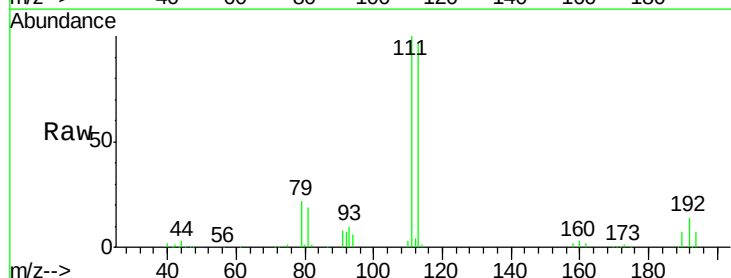
RT: 4.08 min Scan# 350

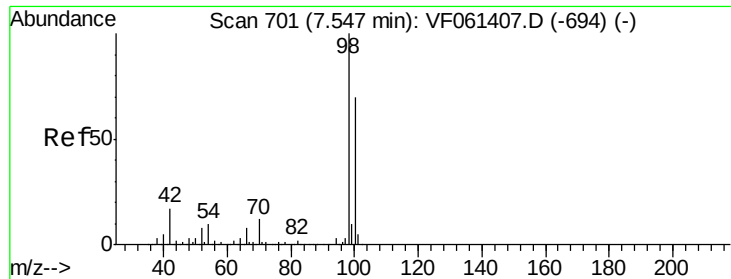
Delta R.T. -0.02 min

Lab File: VF061441.D

Acq: 17 Jan 2019 13:32

Tgt Ion:	113	Resp:	140159
Ion Ratio	Lower	Upper	
113	100		
111	103.1	79.4	119.0
192	14.4	12.4	18.6





#50

Toluene-d8

Concen: 44.993 ug/l

RT: 7.54 min Scan# 700

Delta R.T. -0.01 min

Lab File: VF061441.D

Acq: 17 Jan 2019 13:32

Instrument :

MSVOA_F

ClientSampleId :

WC-01-011519RE

Tot Ion: 98 Resp: 327816

Ion Ratio Lower Upper

98 100

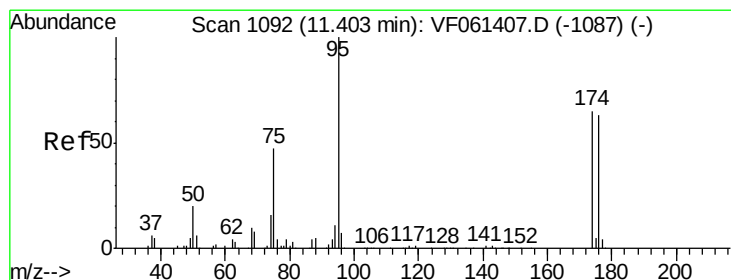
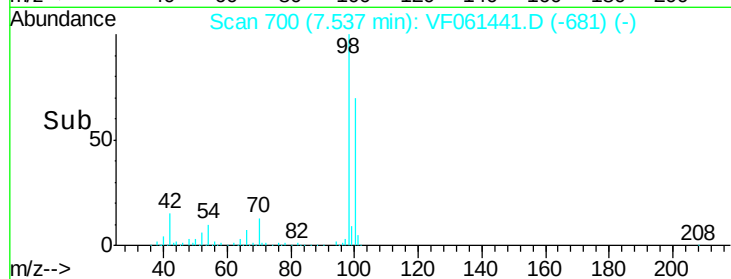
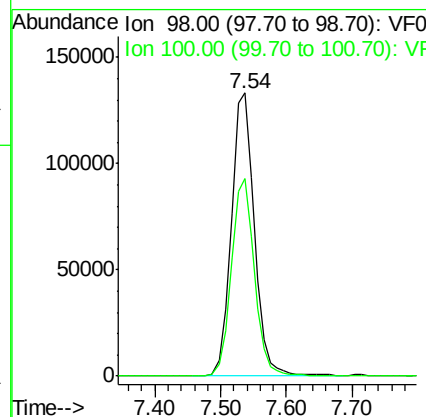
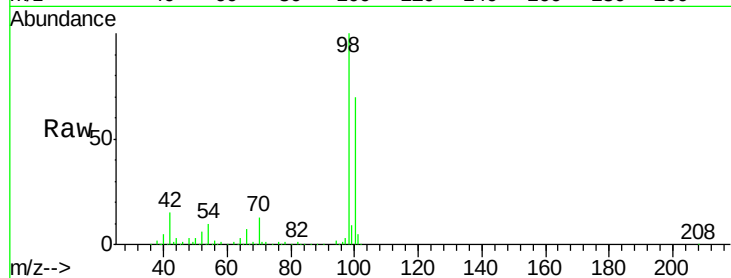
100 69.8 55.6 83.4

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#62

4-Bromofluorobenzene

Concen: 37.342 ug/l

RT: 11.39 min Scan# 1091

Delta R.T. -0.01 min

Lab File: VF061441.D

Acq: 17 Jan 2019 13:32

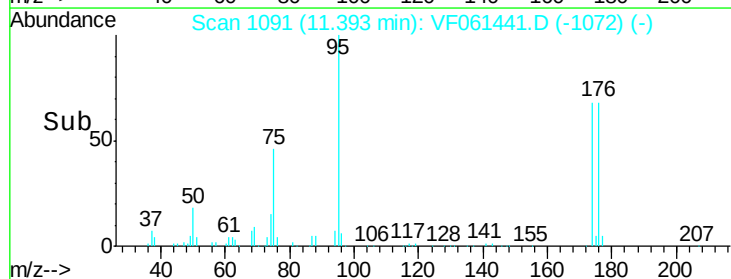
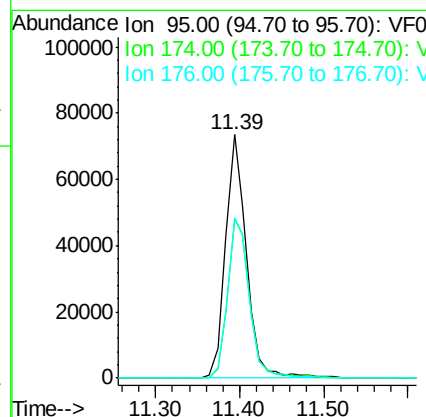
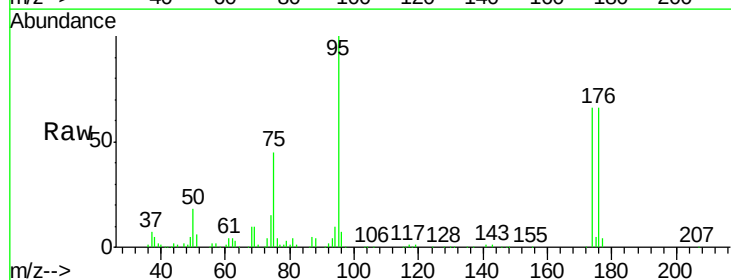
Tgt Ion: 95 Resp: 127120

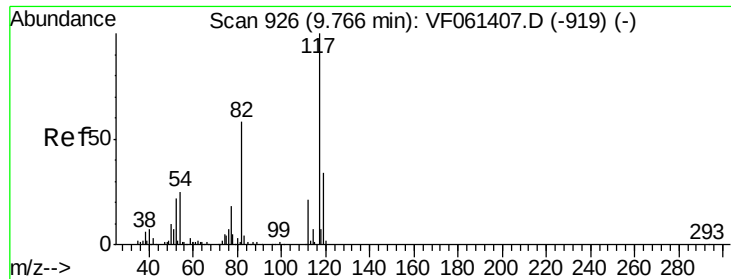
Ion Ratio Lower Upper

95 100

174 65.5 0.0 130.4

176 65.7 0.0 126.2





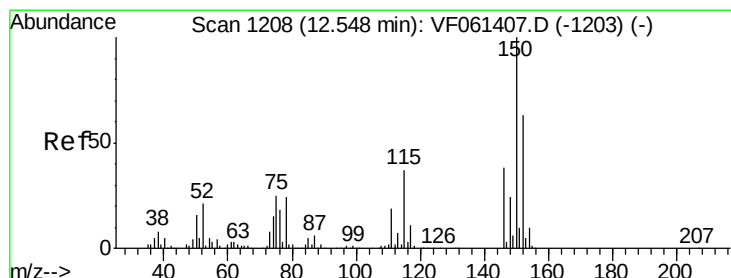
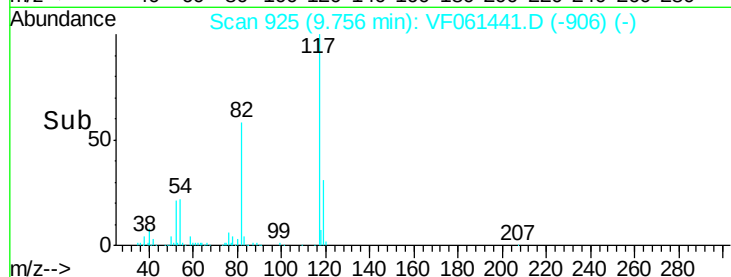
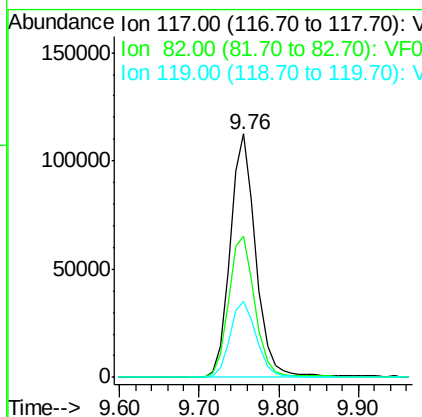
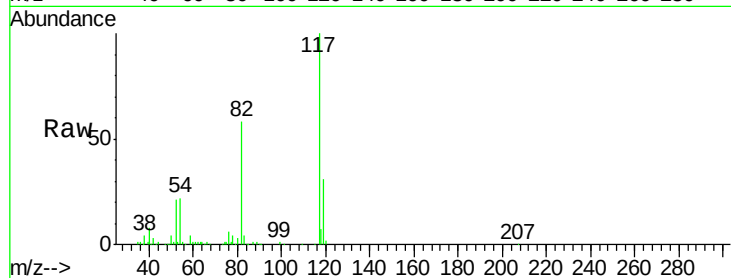
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.76 min Scan# 925
Delta R.T. -0.01 min
Lab File: VF061441.D
Acq: 17 Jan 2019 13:32

Instrument :
MSVOA_F
ClientSampleId :
WC-01-011519RE

Tot Ion	Ratio	Resp	Lower	Upper
117	100	252929		
82	57.8		46.4	69.6
119	31.2		27.2	40.8

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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.54 min Scan# 1207
Delta R.T. -0.01 min
Lab File: VF061441.D
Acq: 17 Jan 2019 13:32

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	95847		
115	60.8		30.0	90.0
150	156.1		0.0	321.4

