

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF011119\
 Data File : VF061380.D
 Acq On : 11 Jan 2019 20:59
 Operator : VA/AP
 Sample : K1113-02
 Misc : 5.98g/5mL/MSVOA-F/SOIL
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 BCB-3-1500

Manual Integrations
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Quant Time: Jan 12 04:42:40 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F010819S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 09 07:13:51 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.85	168	197855	50.00	ug/l	-0.03
34) 1,4-Difluorobenzene	5.58	114	377198	50.00	ug/l	-0.03
63) Chlorobenzene-d5	9.75	117	351377	50.00	ug/l	-0.04
72) 1,4-Dichlorobenzene-d4	12.53	152	178565	50.00	ug/l	-0.03
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.82	65	120813	54.86	ug/l	-0.04
Spiked Amount 50.000			Recovery	=	109.72%	
35) Dibromofluoromethane	4.09	113	145267	50.33	ug/l	-0.03
Spiked Amount 50.000			Recovery	=	100.66%	
50) Toluene-d8	7.53	98	364804	42.71	ug/l	-0.04
Spiked Amount 50.000			Recovery	=	85.42%	
62) 4-Bromofluorobenzene	11.39	95	186458	50.00	ug/l	-0.03
Spiked Amount 50.000			Recovery	=	100.00%	
Target Compounds						
11) Tert butyl alcohol	2.56	59	8207	93.078	ug/l	92
16) Acetone	2.22	43	127385	248.655	ug/l #	91
20) Methylene Chloride	2.18	84	5032m	2.322	ug/l	

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

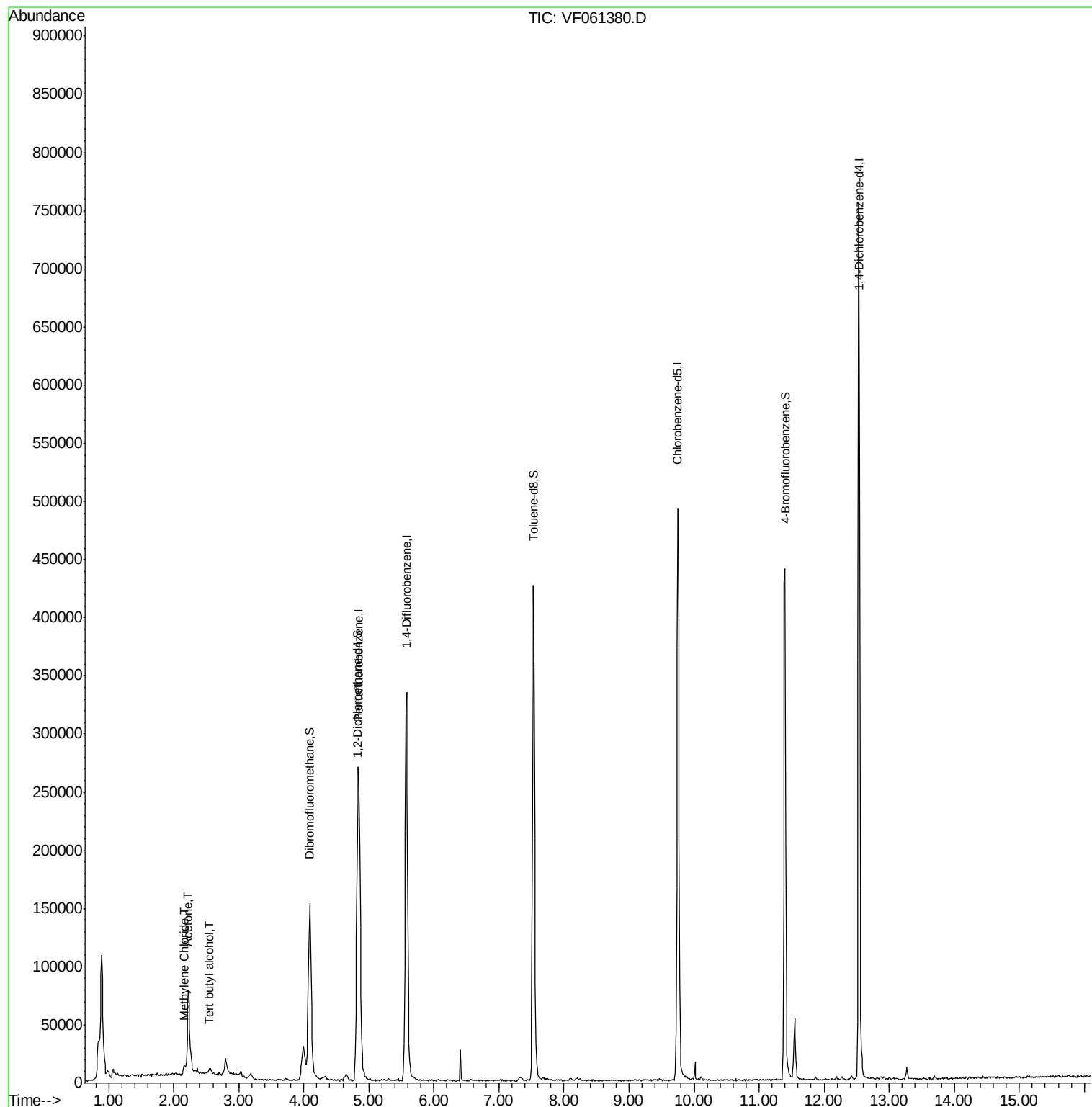
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF011119\
Data File : VF061380.D
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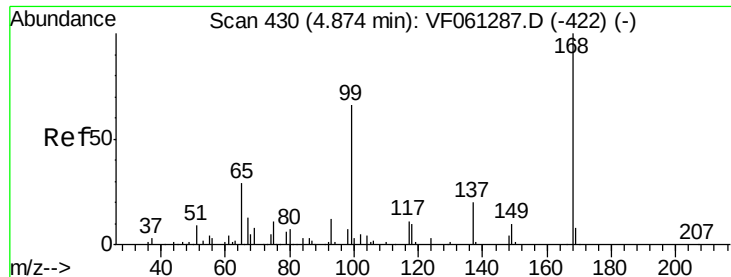
Instrument :
MSVOA_F
ClientSampleId :
BCB-3-1500

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Quant Time: Jan 12 04:42:40 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_F\METHODS\82F010819S.M
Quant Title : SW846 8260
QLast Update : Wed Jan 09 07:13:51 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.85 min Scan# 428

Delta R.T. -0.03 min

Lab File: VF061380.D

Acq: 11 Jan 2019 20:59

Instrument :

MSVOA_F

ClientSampleId :

BCB-3-1500

Tot Ion:168 Resp: 197855

Ion Ratio Lower Upper

168 100

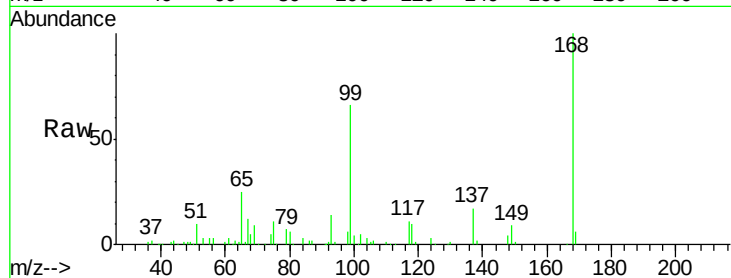
99 66.2 52.7 79.1

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Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

4.85

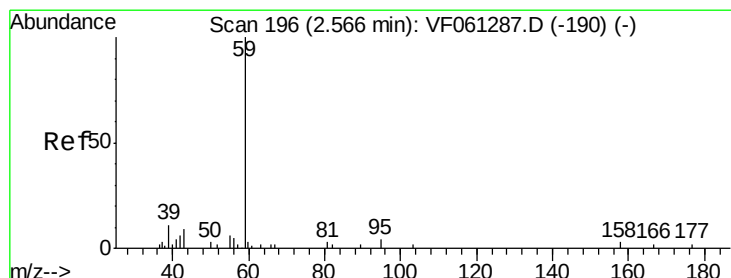
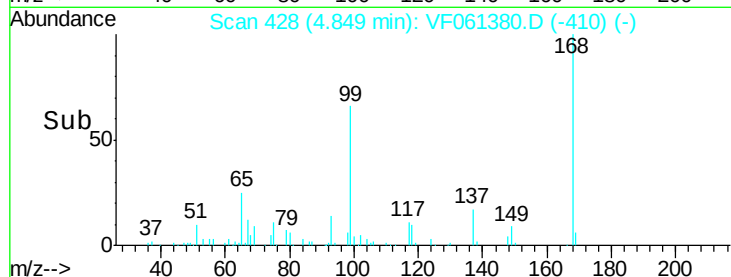
60000

40000

20000

0

Time-->



#11

Tert butyl alcohol

Concen: 93.078 ug/l

RT: 2.56 min Scan# 196

Delta R.T. -0.01 min

Lab File: VF061380.D

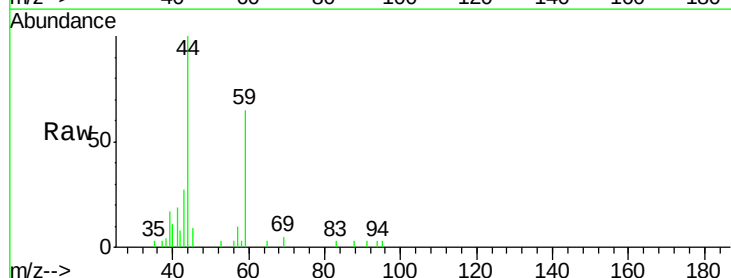
Acq: 11 Jan 2019 20:59

Tgt Ion: 59 Resp: 8207

Ion Ratio Lower Upper

59 100

57 15.2 15.1 22.7



Abundance Ion 59.00 (58.70 to 59.70): VF0

Ion 57.00 (56.70 to 57.70): VF0

2.56

2500

2000

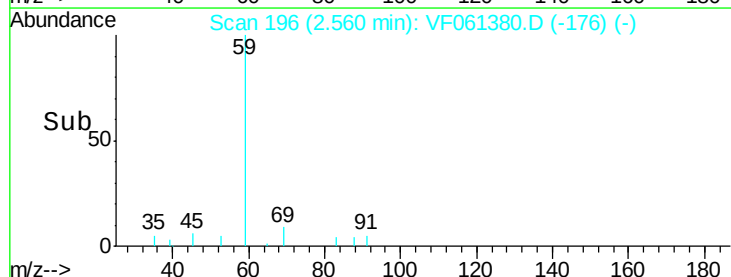
1500

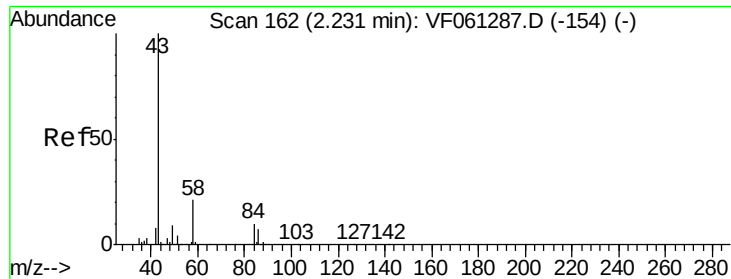
1000

500

0

Time-->





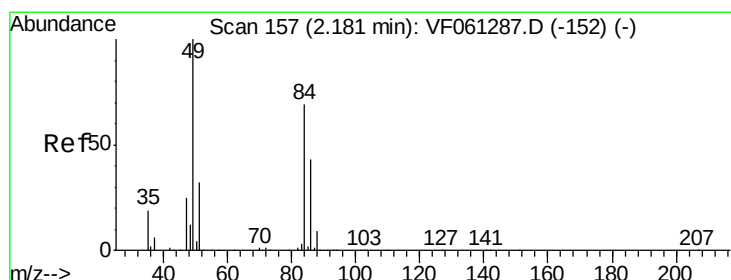
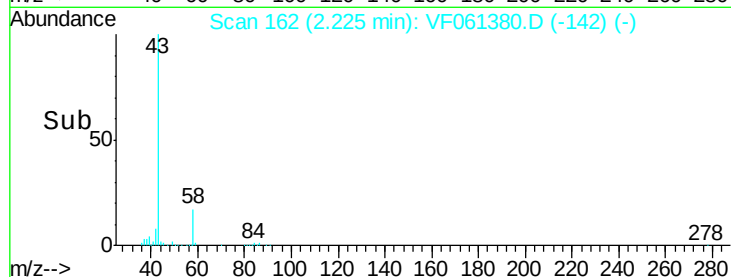
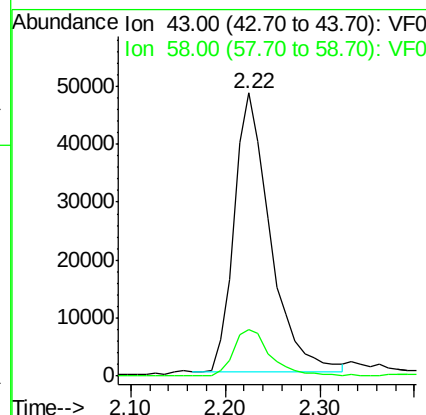
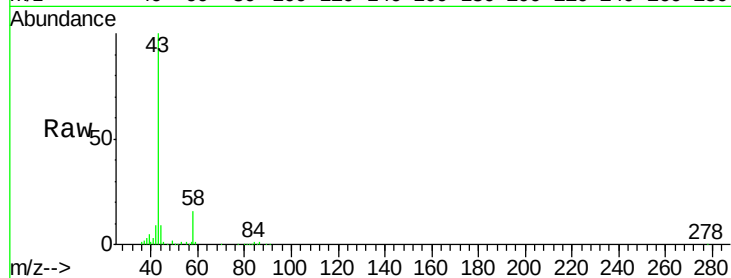
#16
Acetone
Concen: 248.655 ug/l
RT: 2.22 min Scan# 162
Delta R.T. -0.01 min
Lab File: VF061380.D
Acq: 11 Jan 2019 20:59

Instrument :
MSVOA_F
ClientSampleId :
BCB-3-1500

Tot Ion: 43 Resp: 127385
Ion Ratio Lower Upper
43 100
58 16.5 16.6 25.0#

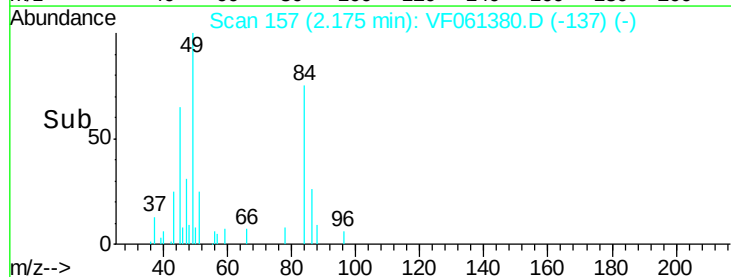
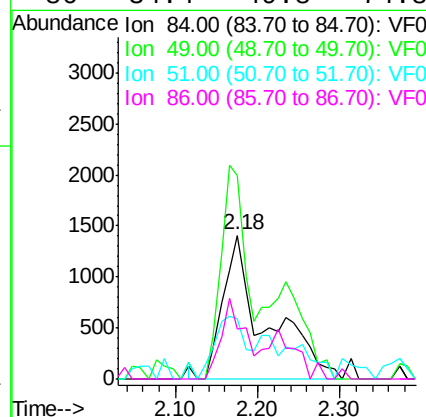
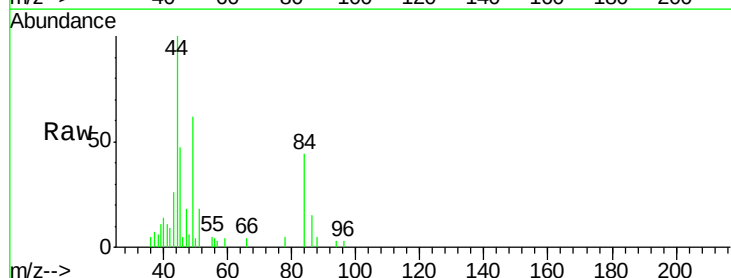
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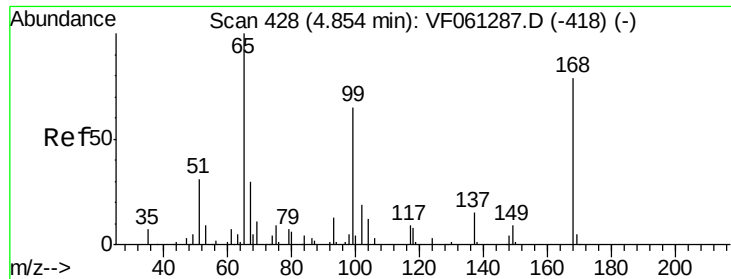
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#20
Methylene Chloride
Concen: 2.322 ug/l m
RT: 2.18 min Scan# 157
Delta R.T. -0.01 min
Lab File: VF061380.D
Acq: 11 Jan 2019 20:59

Tgt Ion: 84 Resp: 5032
Ion Ratio Lower Upper
84 100
49 141.6 116.6 175.0
51 41.5 37.7 56.5
86 34.4 49.8 74.8#





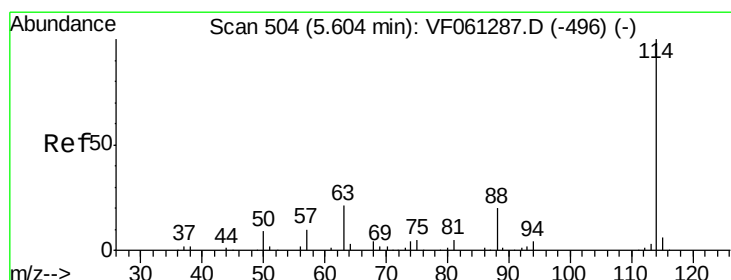
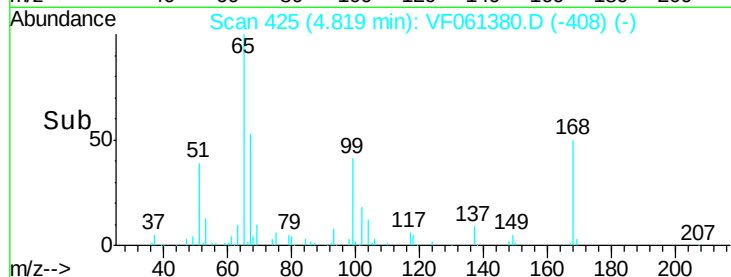
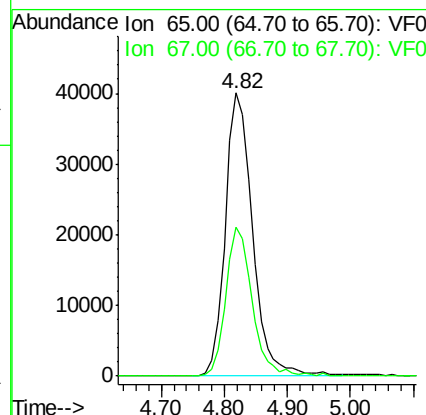
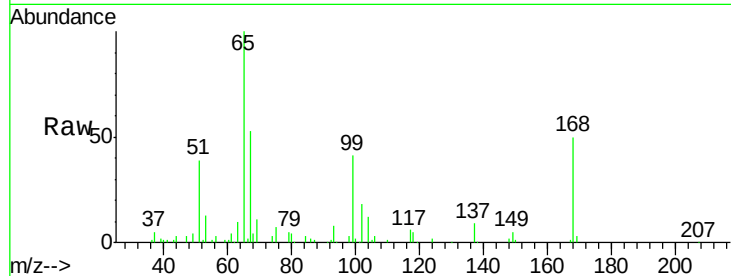
#33
 1,2-Dichloroethane-d4
 Concen: 54.859 ug/l
 RT: 4.82 min Scan# 425
 Delta R.T. -0.04 min
 Lab File: VF061380.D
 Acq: 11 Jan 2019 20:59

Instrument :
 MSVOA_F
 ClientSampleId :
 BCB-3-1500

Tot Ion	Ratio	Resp	Lower	Upper
65	100	120813		
67	52.5	0.0	98.2	

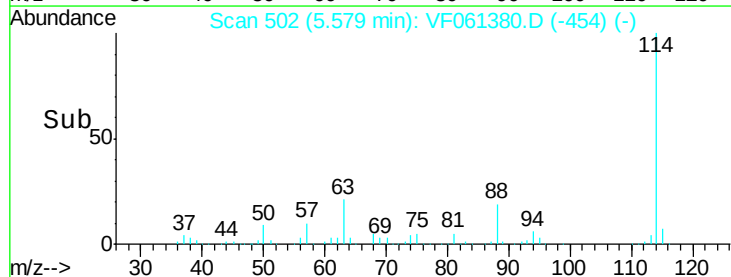
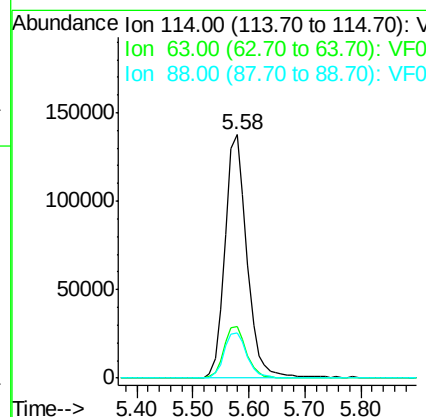
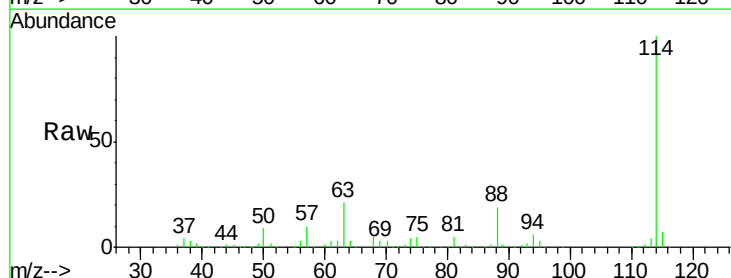
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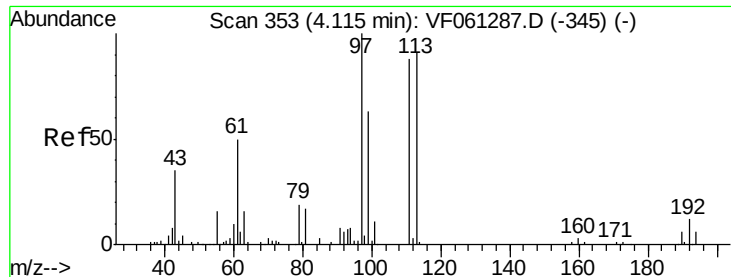
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.58 min Scan# 502
 Delta R.T. -0.03 min
 Lab File: VF061380.D
 Acq: 11 Jan 2019 20:59

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	377198		
63	21.1	0.0	42.8	
88	18.7	0.0	40.0	





#35

Dibromofluoromethane

Concen: 50.332 ug/l

RT: 4.09 min Scan# 351

Delta R.T. -0.03 min

Lab File: VF061380.D

Acq: 11 Jan 2019 20:59

Instrument :

MSVOA_F

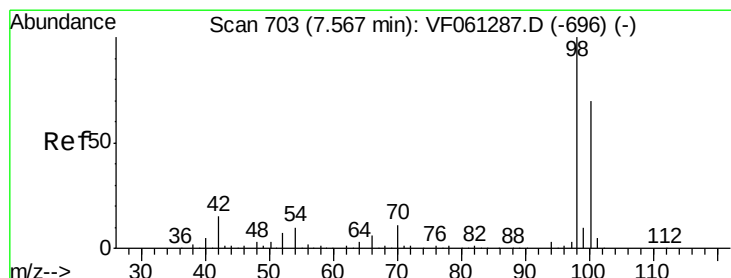
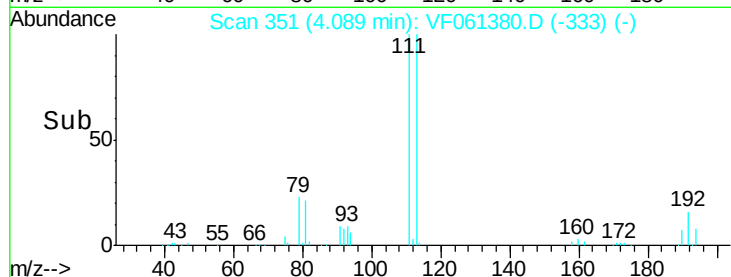
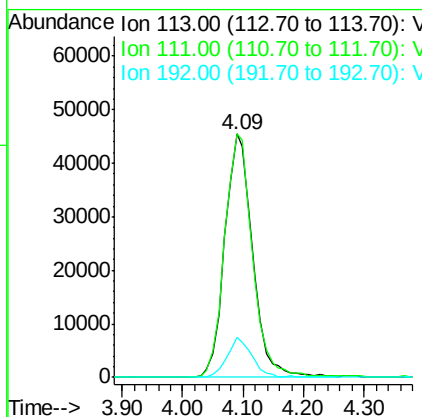
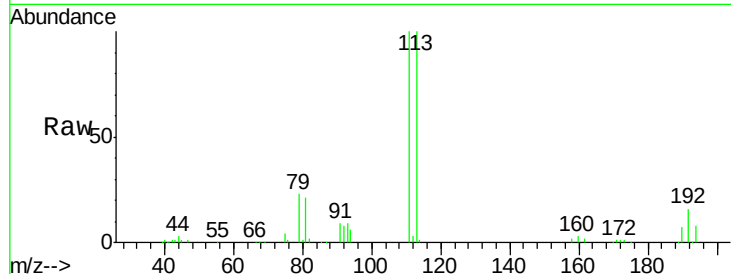
ClientSampleId :

BCB-3-1500

Tot Ion	Ion	Ratio	Resp	Lower	Upper
113	100		145267		
111	100.2	78.0	117.0		
192	16.3	10.6	16.0#		

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#50

Toluene-d8

Concen: 42.712 ug/l

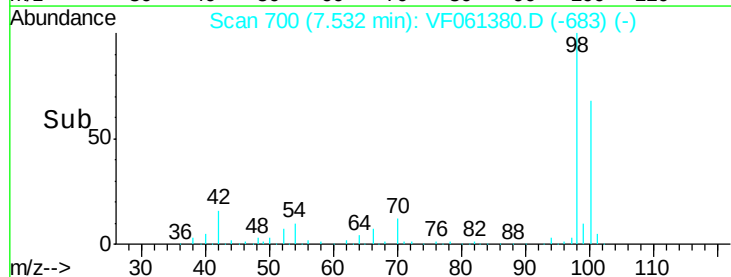
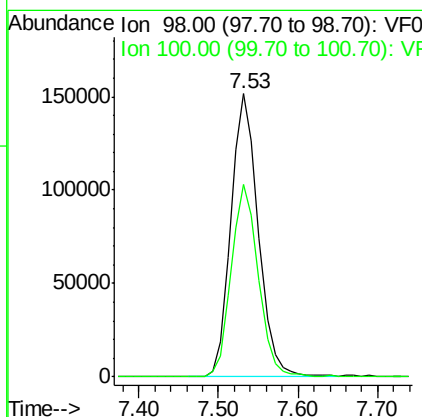
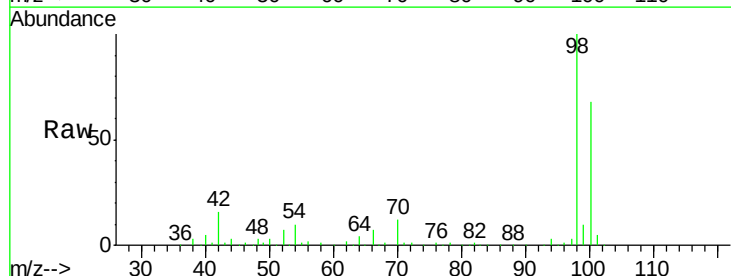
RT: 7.53 min Scan# 700

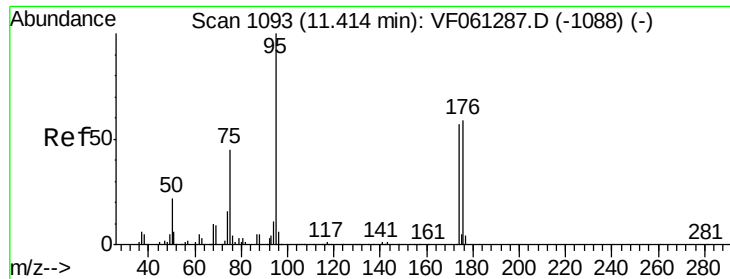
Delta R.T. -0.04 min

Lab File: VF061380.D

Acq: 11 Jan 2019 20:59

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
98	100		364804		
100	68.0	55.6	83.4		





#62

4-Bromofluorobenzene

Concen: 49.996 ug/l

RT: 11.39 min Scan# 1091

Delta R.T. -0.03 min

Lab File: VF061380.D

Acq: 11 Jan 2019 20:59

Instrument :

MSVOA_F

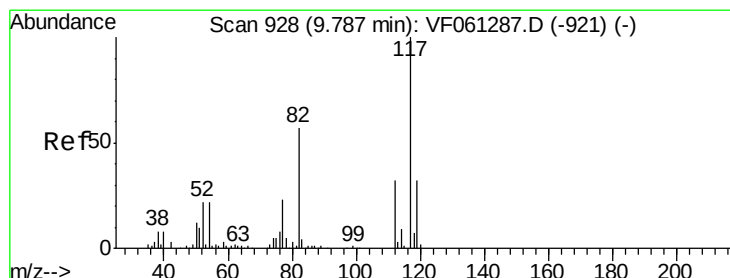
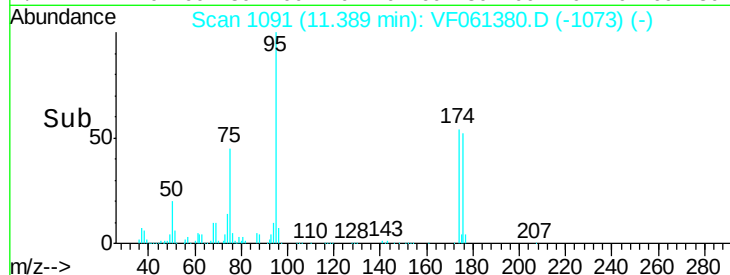
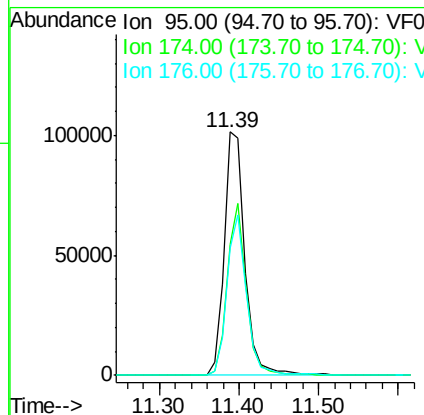
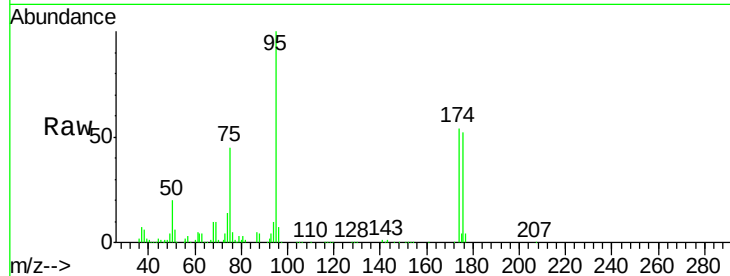
ClientSampled :

BCB-3-1500

Tot Ion:	95	Resp:	186458
Ion Ratio	Lower	Upper	
95	100		
174	53.6	0.0	114.2
176	52.4	0.0	117.8

Manual Integrations
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#63

Chlorobenzene-d5

Concen: 50.000 ug/l

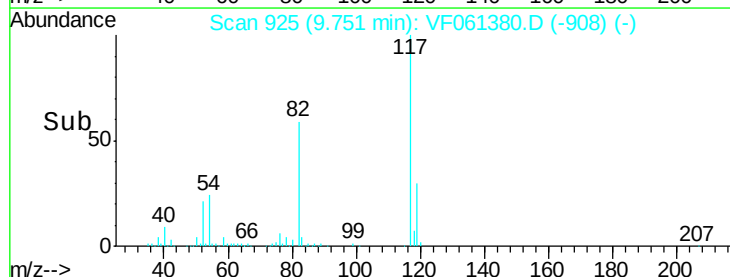
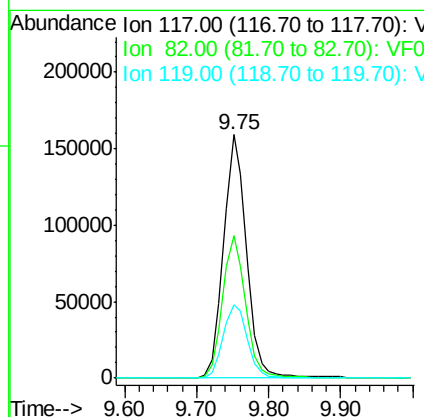
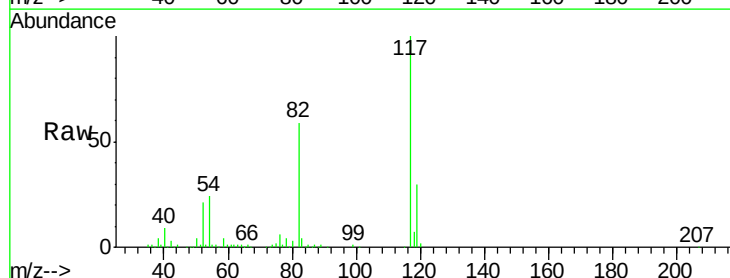
RT: 9.75 min Scan# 925

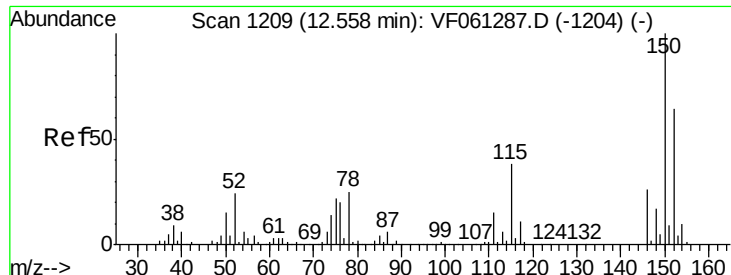
Delta R.T. -0.04 min

Lab File: VF061380.D

Acq: 11 Jan 2019 20:59

Tgt Ion:	117	Resp:	351377
Ion Ratio	Lower	Upper	
117	100		
82	58.8	45.3	67.9
119	30.0	25.4	38.0





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.53 min Scan# 1207
 Delta R.T. -0.03 min
 Lab File: VF061380.D
 Acq: 11 Jan 2019 20:59

Instrument :
 MSVOA_F
 ClientSampleId :
 BCB-3-1500

Tot Ion	Ratio	Resp Lower	Upper
152	100		
115	65.9	29.6	88.9
150	158.5	0.0	315.4

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