

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF121918\
 Data File : VF061096.D
 Acq On : 19 Dec 2018 20:32
 Operator : VA/AP
 Sample : J6388-16
 Misc : 5.59g/5mL/MSVOA-F/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 P001-SS011-1218-01

Manual Integrations
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 12/20/2018 10:29:51 AM

Quant Time: Dec 20 03:20:58 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F121918S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 20 00:56:59 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.87	168	156661	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.60	114	265050	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.78	117	205542	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.55	152	73160	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.84	65	92230	45.77	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.54%	
35) Dibromofluoromethane	4.11	113	104623	49.28	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.56%	
50) Toluene-d8	7.55	98	226184	37.59	ug/l	0.00
Spiked Amount 50.000			Recovery	=	75.18%	
62) 4-Bromofluorobenzene	11.42	95	84232	30.37	ug/l	0.00
Spiked Amount 50.000			Recovery	=	60.74%	
Target Compounds						
16) Acetone	2.23	43	57806	143.508	ug/l #	86
20) Methylene Chloride	2.23	84	7033m	1.068	ug/l	
25) 2-Butanone	4.34	43	5796	8.872	ug/l #	82

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

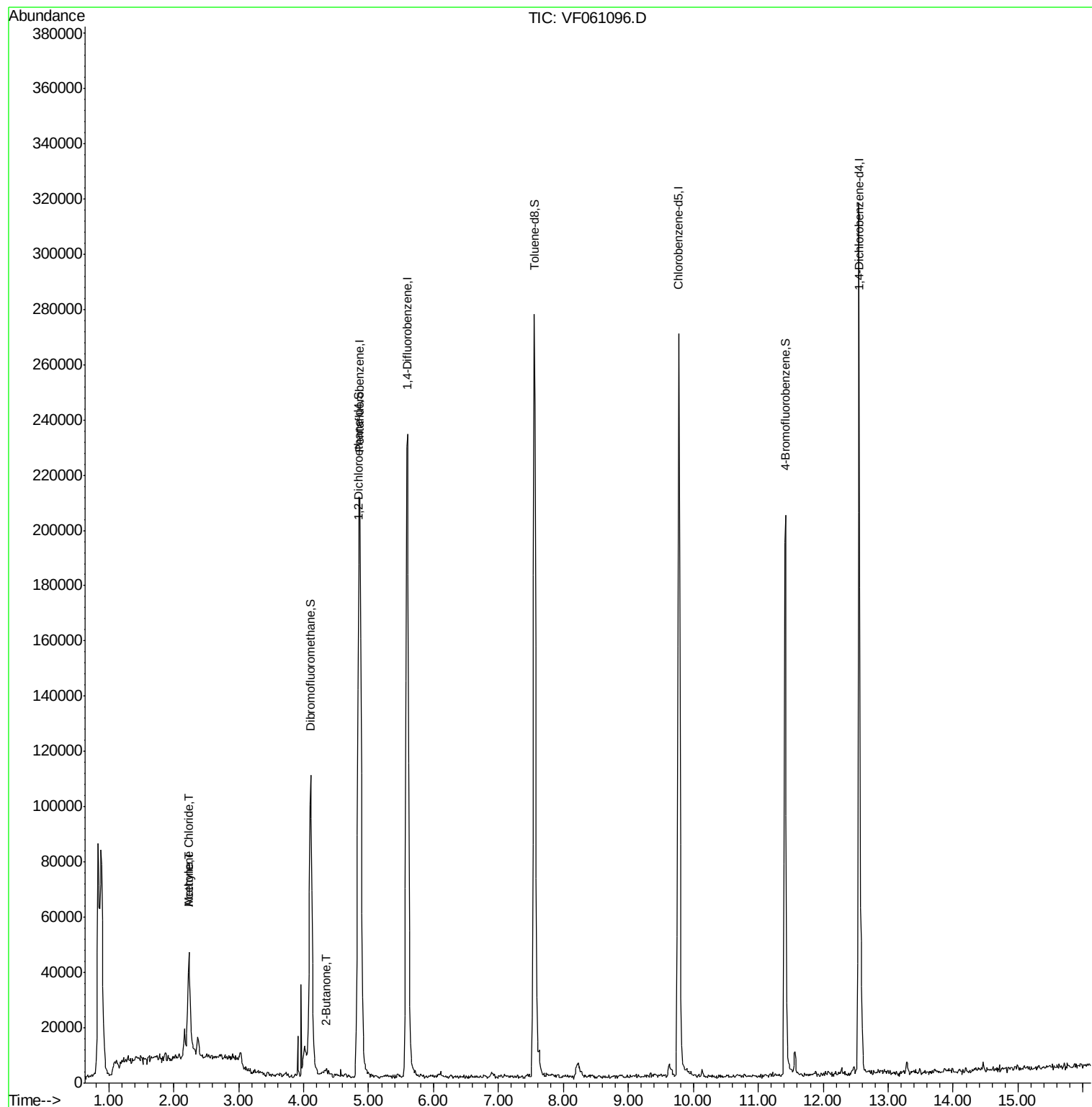
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_F\DATA\VF121918\
Data File : VF061096.D
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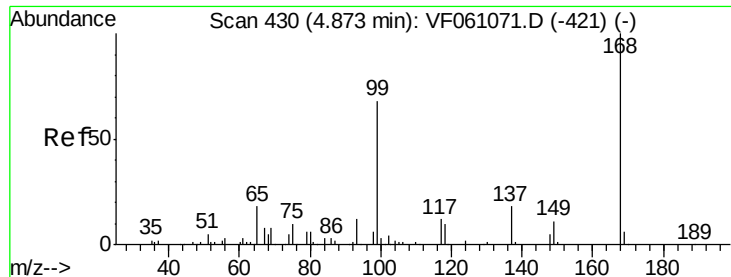
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_F\METHODS\82F121918S.M
Quant Title : SW846 8260
QLast Update : Thu Dec 20 00:56:59 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.87 min Scan# 430

Delta R.T. -0.01 min

Lab File: VF061096.D

Acq: 19 Dec 2018 20:32

Instrument :

MSVOA_F

ClientSampleId :

P001-SS011-1218-01

Tgt Ion: 168 Resp: 156661

Ion Ratio Lower Upper

168 100

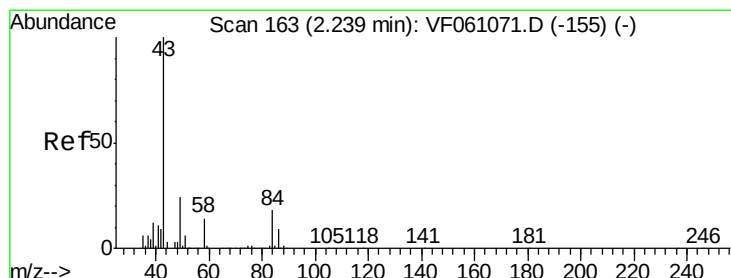
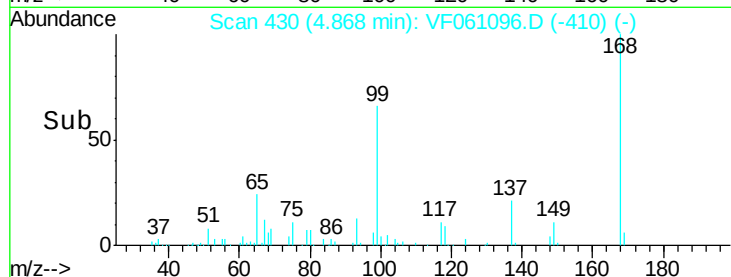
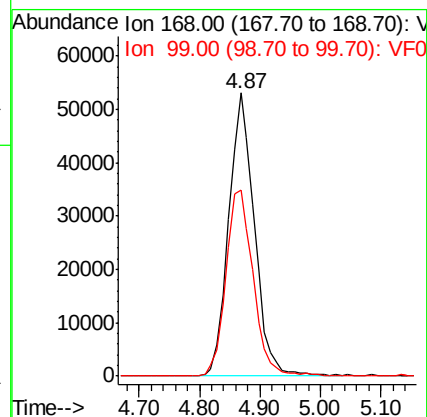
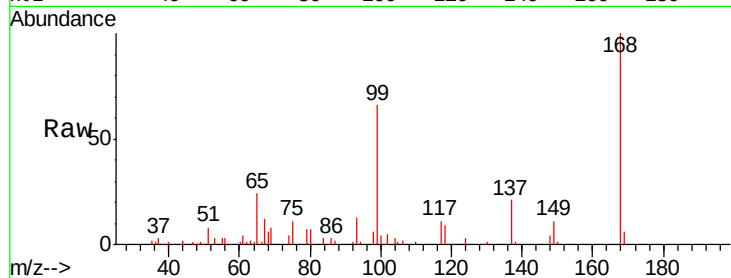
99 65.7 54.4 81.6

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#16

Acetone

Concen: 143.508 ug/l

RT: 2.23 min Scan# 163

Delta R.T. -0.01 min

Lab File: VF061096.D

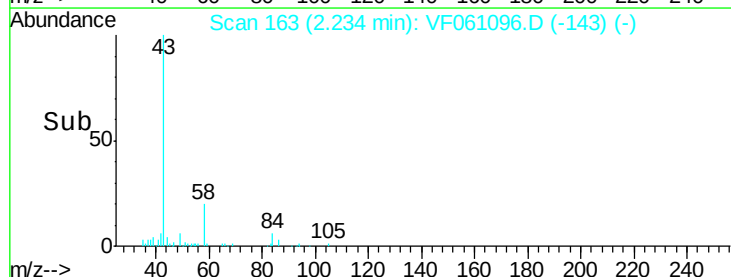
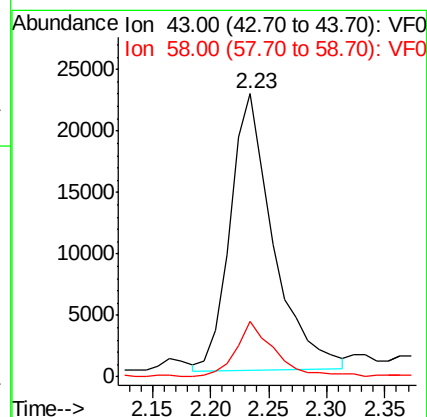
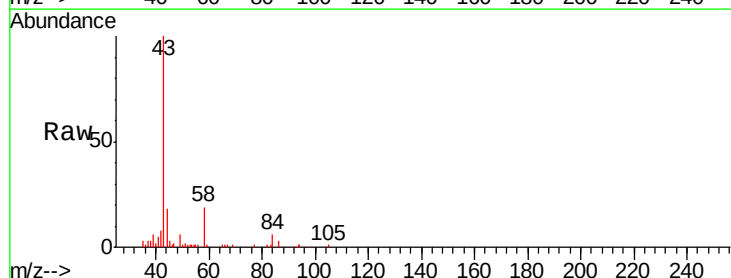
Acq: 19 Dec 2018 20:32

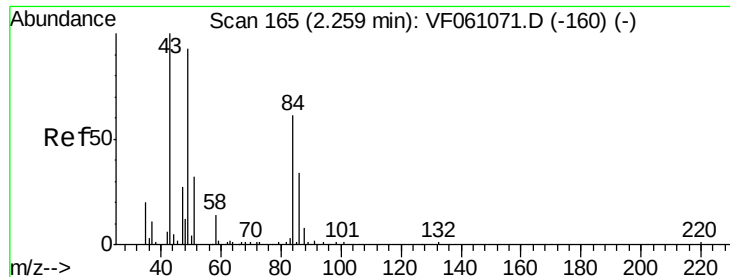
Tgt Ion: 43 Resp: 57806

Ion Ratio Lower Upper

43 100

58 19.4 11.1 16.7#





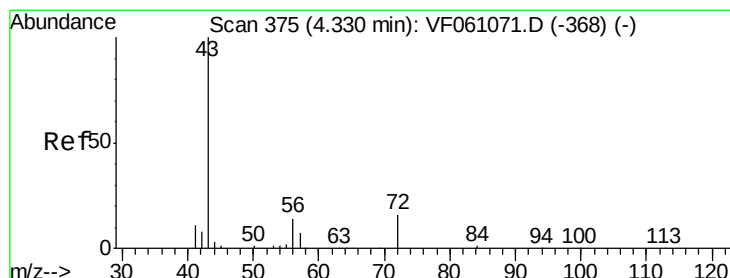
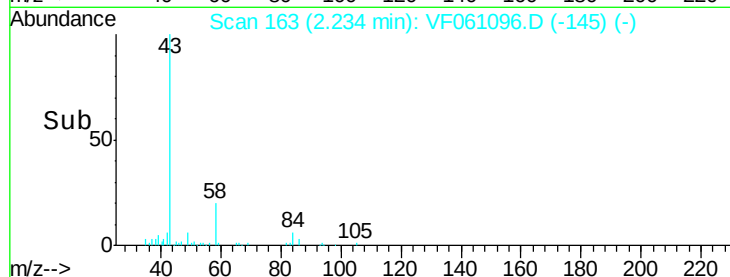
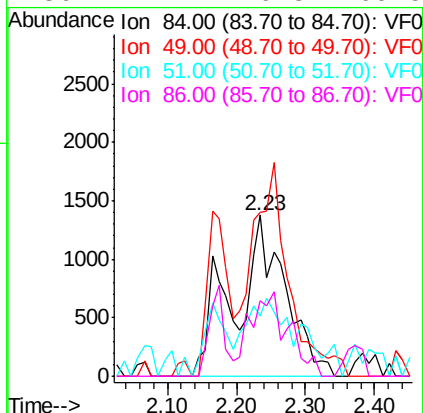
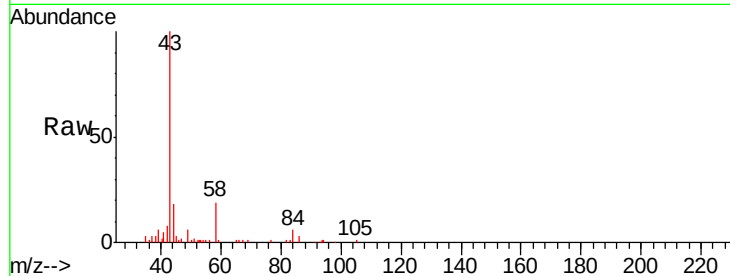
#20
Methylene Chloride
Concen: 1.068 ug/l m
RT: 2.23 min Scan# 163
Delta R.T. -0.02 min
Lab File: VF061096.D
Acq: 19 Dec 2018 20:32

Instrument :
MSVOA_F
ClientSampleId :
P001-SS011-1218-01

Tgt Ion	Ratio	Lower	Upper
84	100		
49	102.2	129.4	194.2#
51	37.5	44.0	66.0#
86	47.2	46.3	69.5

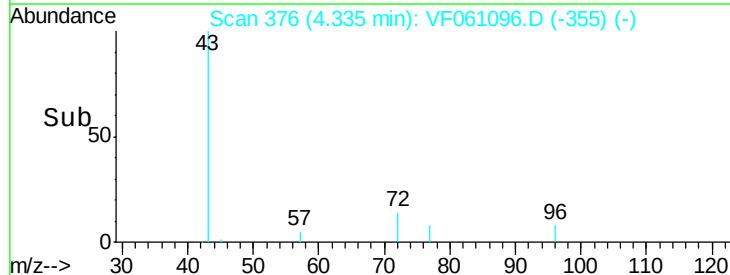
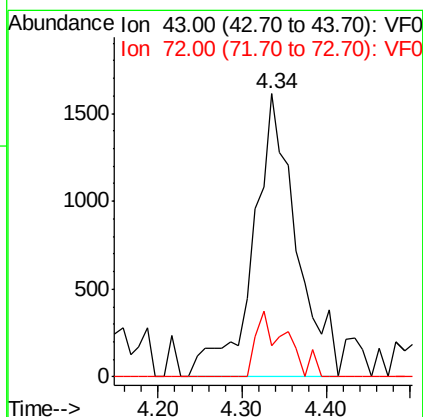
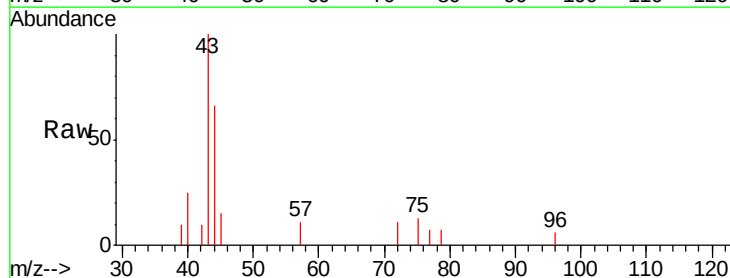
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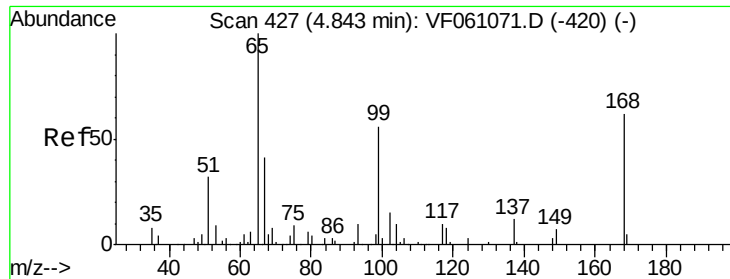
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#25
2-Butanone
Concen: 8.872 ug/l
RT: 4.34 min Scan# 376
Delta R.T. 0.00 min
Lab File: VF061096.D
Acq: 19 Dec 2018 20:32

Tgt Ion	Ratio	Lower	Upper
43	100		
72	11.1	15.6	23.4#





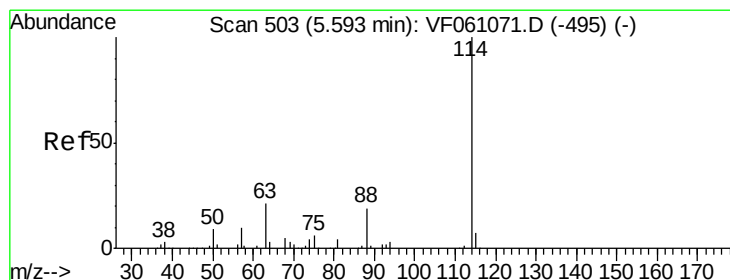
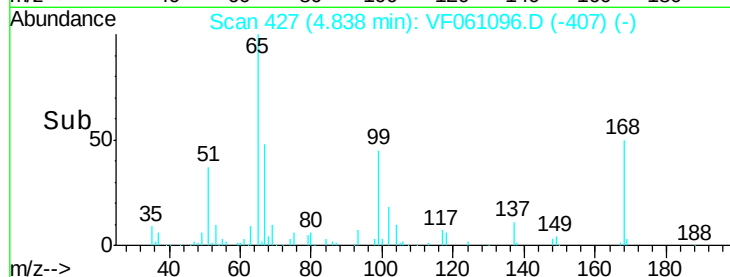
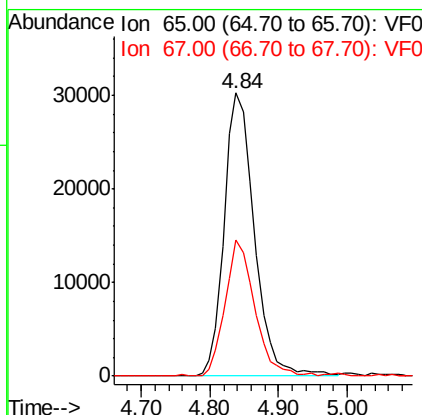
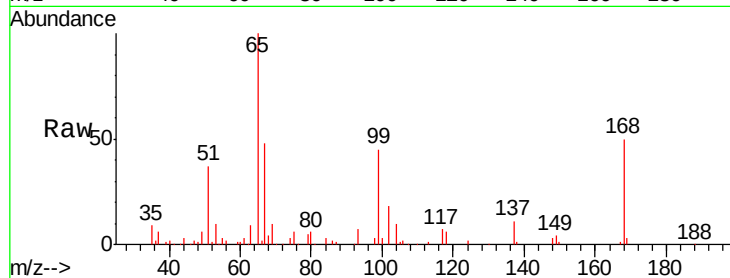
#33
 1,2-Dichloroethane-d4
 Concen: 45.773 ug/l
 RT: 4.84 min Scan# 427
 Delta R.T. -0.01 min
 Lab File: VF061096.D
 Acq: 19 Dec 2018 20:32

Instrument :
 MSVOA_F
 ClientSampleId :
 P001-SS011-1218-01

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	92230		
67	48.3	0.0	94.6	

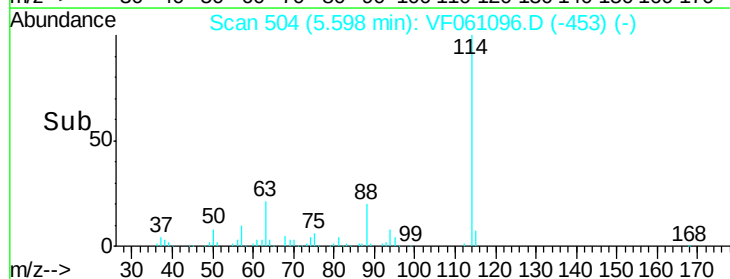
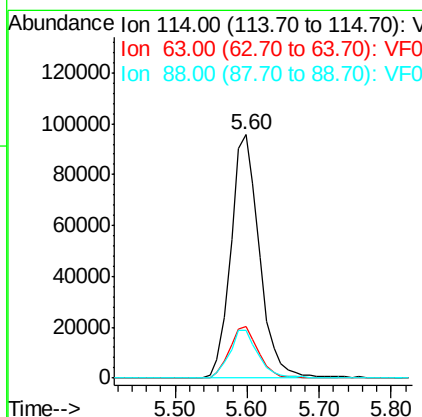
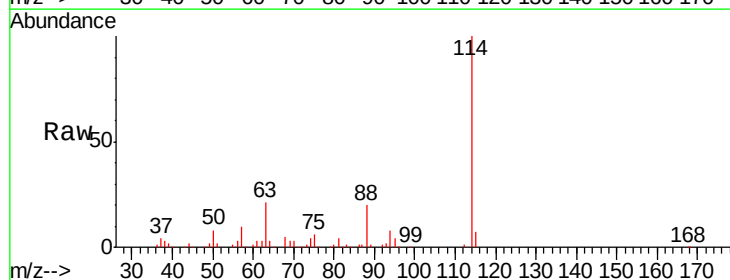
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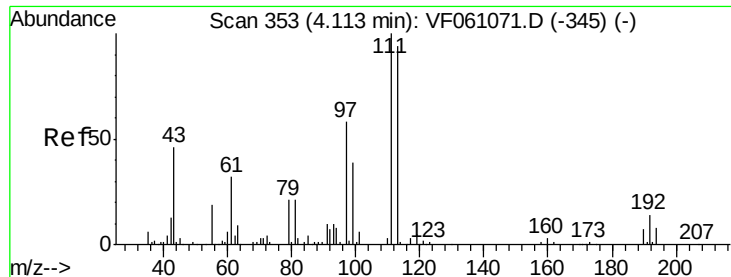
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.60 min Scan# 504
 Delta R.T. 0.00 min
 Lab File: VF061096.D
 Acq: 19 Dec 2018 20:32

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	265050		
63	21.0	0.0	41.6	
88	19.8	0.0	38.0	





#35

Dibromofluoromethane

Concen: 49.276 ug/l

RT: 4.11 min Scan# 353

Delta R.T. -0.01 min

Lab File: VF061096.D

Acq: 19 Dec 2018 20:32

Instrument :

MSVOA_F

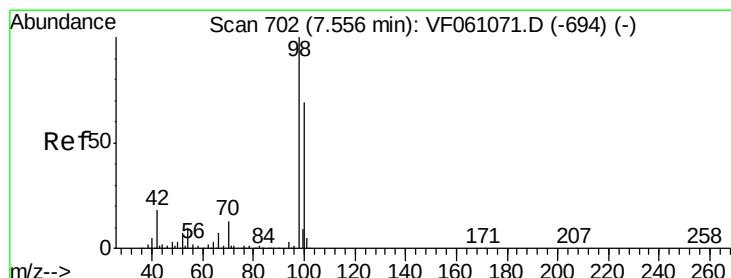
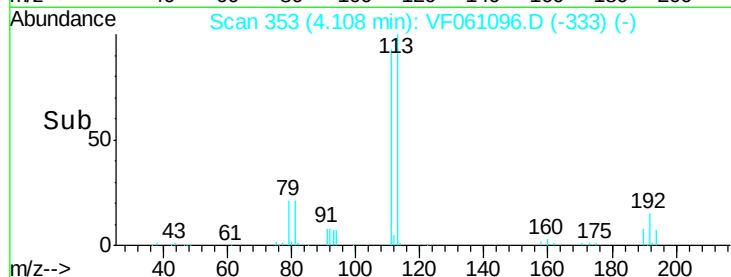
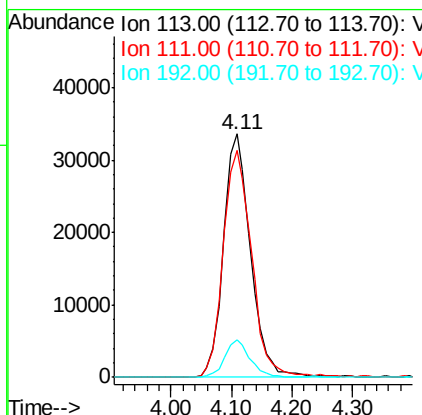
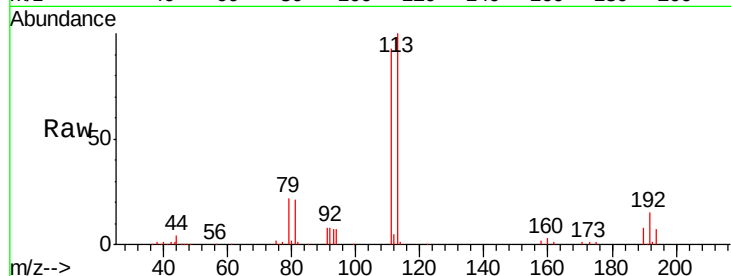
ClientSampleId :

P001-SS011-1218-01

Tgt Ion:	113	Resp:	104623
Ion Ratio	Lower	Upper	
113	100		
111	93.5	85.2	127.8
192	16.0	12.8	19.2

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#50

Toluene-d8

Concen: 37.591 ug/l

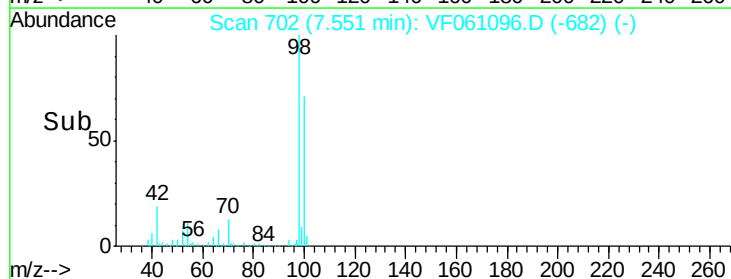
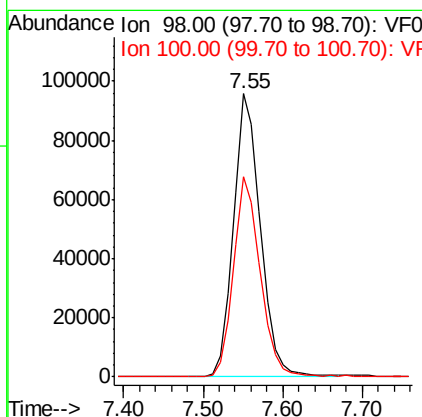
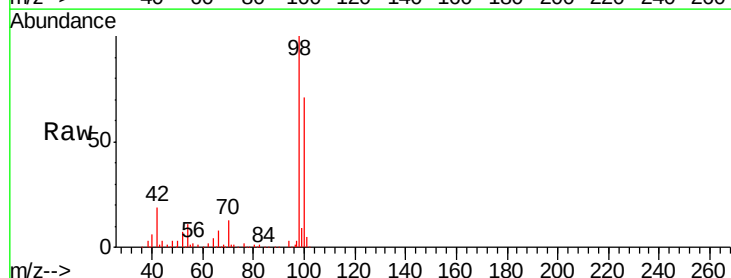
RT: 7.55 min Scan# 702

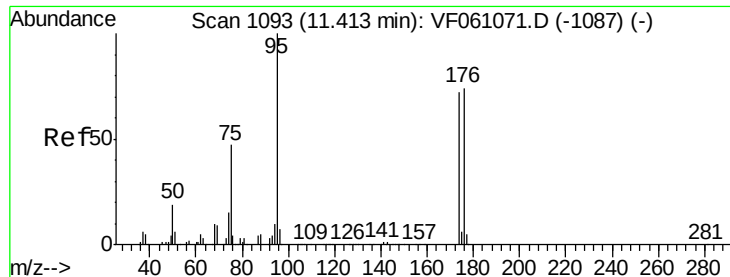
Delta R.T. -0.01 min

Lab File: VF061096.D

Acq: 19 Dec 2018 20:32

Tgt Ion:	98	Resp:	226184
Ion Ratio	Lower	Upper	
98	100		
100	70.9	55.3	82.9





#62

4-Bromofluorobenzene

Concen: 30.366 ug/l

RT: 11.42 min Scan# 1094

Delta R.T. 0.00 min

Lab File: VF061096.D

Acq: 19 Dec 2018 20:32

Instrument :

MSVOA_F

ClientSampleId :

P001-SS011-1218-01

Tgt Ion: 95 Resp: 84232

Ion Ratio Lower Upper

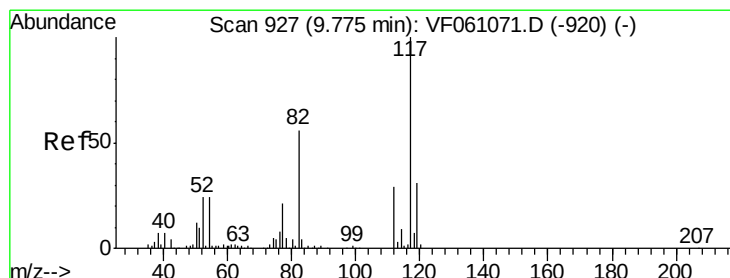
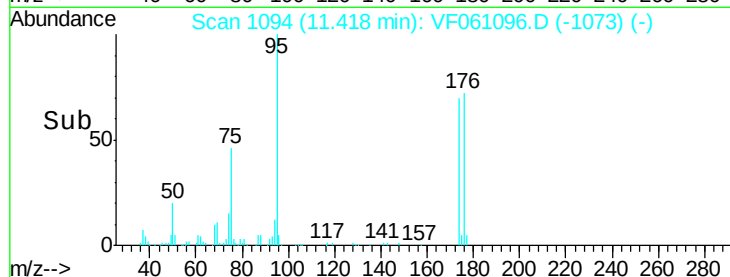
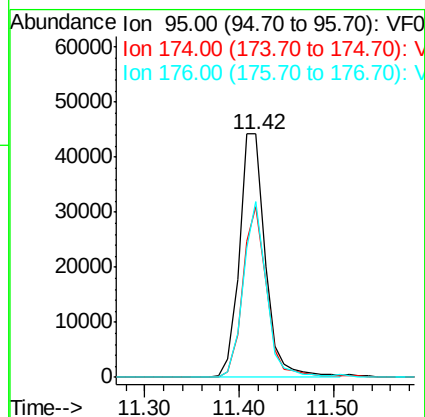
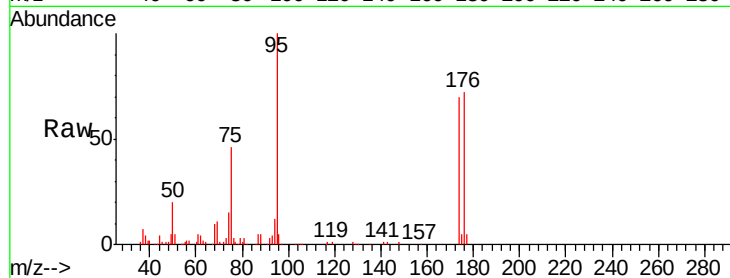
95 100

174 70.1 0.0 143.8

176 72.3 0.0 147.6

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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: VF061096.D

Acq: 19 Dec 2018 20:32

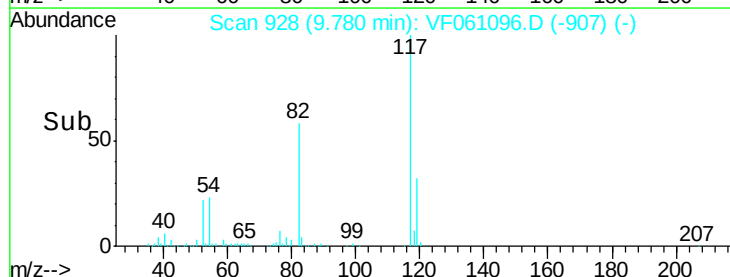
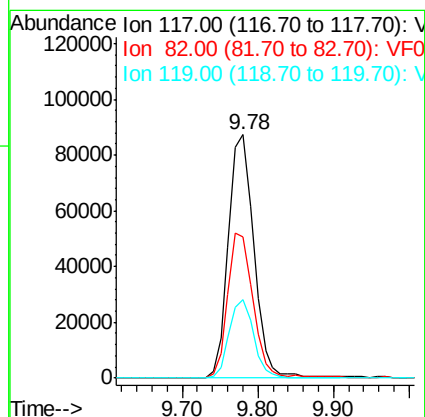
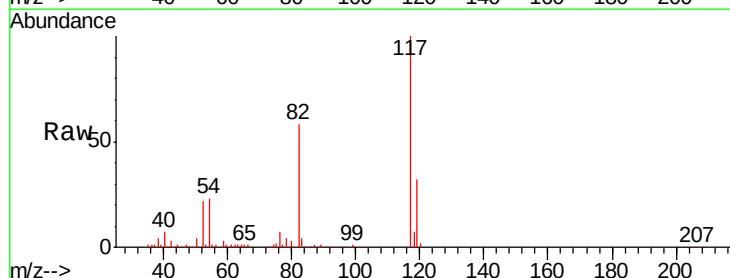
Tgt Ion: 117 Resp: 205542

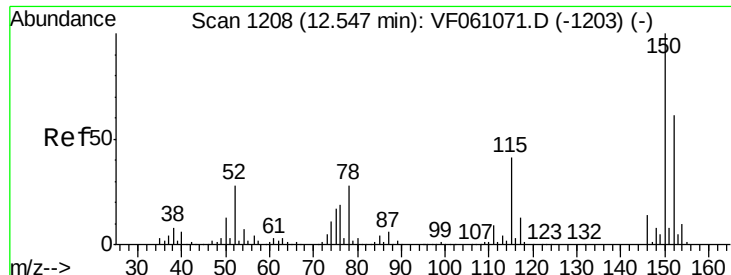
Ion Ratio Lower Upper

117 100

82 58.2 45.0 67.4

119 32.1 24.8 37.2





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.55 min Scan# 1209

Delta R.T. 0.00 min

Lab File: VF061096.D

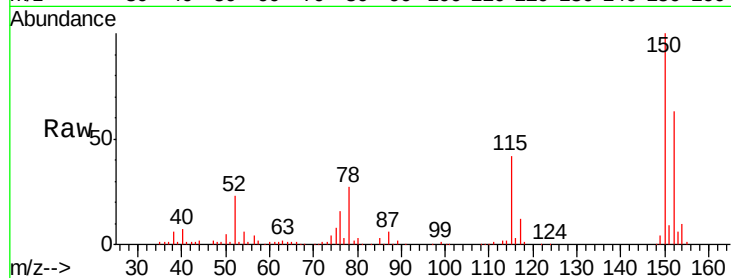
Acq: 19 Dec 2018 20:32

Instrument :

MSVOA_F

ClientSampleId :

P001-SS011-1218-01



Tgt	Ion	Ratio	Lower	Upper
152	100			
115	66.4	33.3	99.9	
150	159.5	0.0	328.2	

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