

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF122218\
 Data File : VF061152.D
 Acq On : 22 Dec 2018 18:52
 Operator : VA/AP
 Sample : J6200-01RE
 Misc : 6.12g/5mL/MSVOA-F/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 TR-05-122018RE

Manual Integrations
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 12/26/2018 11:05:46 AM

Quant Time: Dec 24 03:39:16 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	4.89	168	180231	50.00	ug/l	0.02
34) 1,4-Difluorobenzene	5.62	114	330099	50.00	ug/l	0.03
63) Chlorobenzene-d5	9.79	117	228650	50.00	ug/l	0.02
72) 1,4-Dichlorobenzene-d4	12.56	152	98279	50.00	ug/l	0.02
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.86	65	132141	57.00	ug/l	0.02
Spiked Amount 50.000			Recovery	=	114.00%	
35) Dibromofluoromethane	4.13	113	133474	50.48	ug/l	0.02
Spiked Amount 50.000			Recovery	=	100.96%	
50) Toluene-d8	7.57	98	188878	25.21	ug/l	0.02
Spiked Amount 50.000			Recovery	=	50.42%	
62) 4-Bromofluorobenzene	11.42	95	114915	33.26	ug/l	0.00
Spiked Amount 50.000			Recovery	=	66.52%	
Target Compounds						
16) Acetone	2.25	43	5239m	11.305	ug/l	Qvalue
52) Toluene	7.64	92	10028	1.768	ug/l	96

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

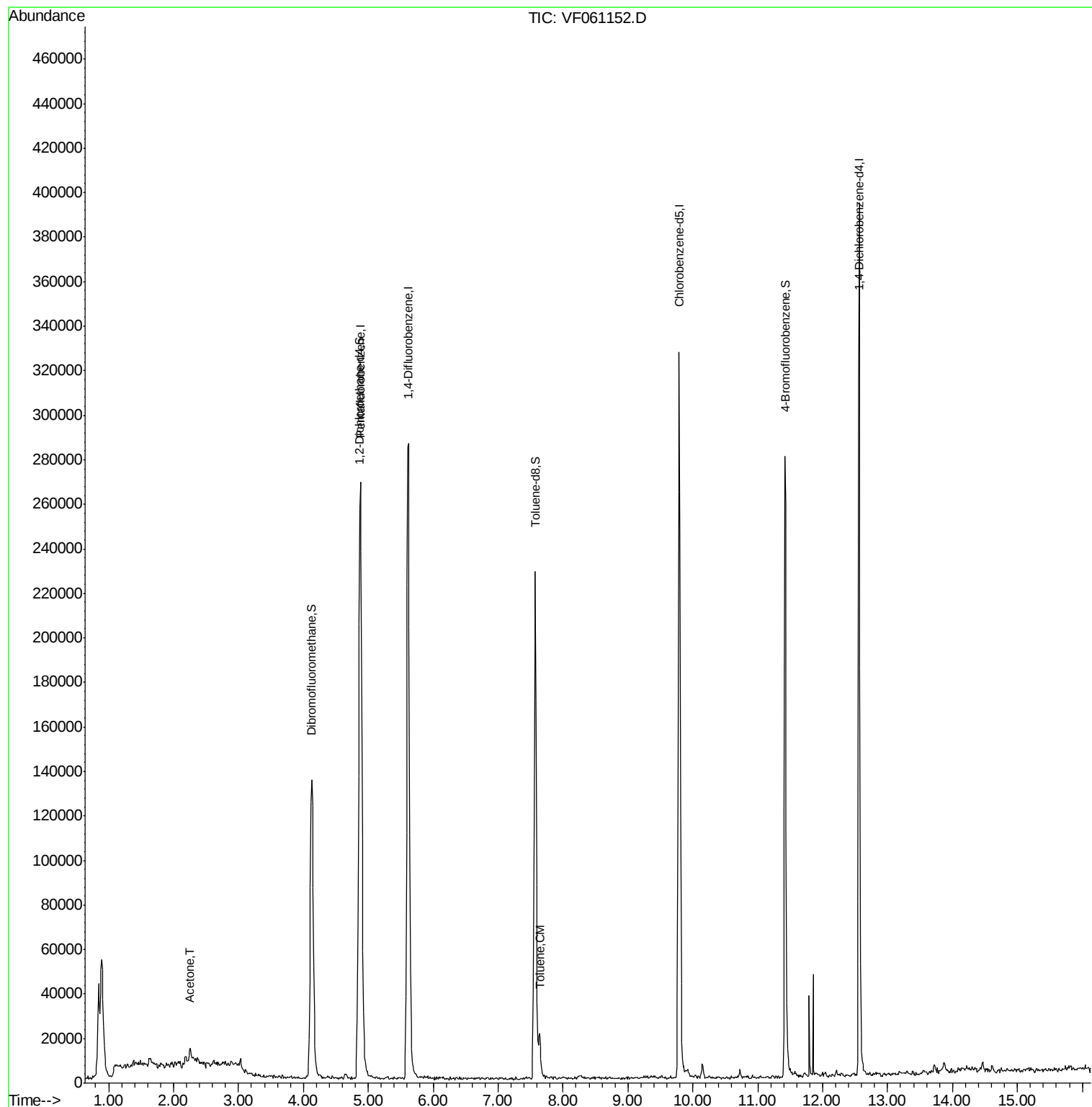
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_F\DATA\VF122218\
Data File : VF061152.D
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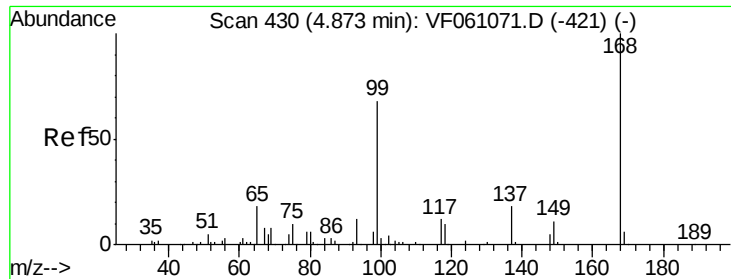
Instrument :
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Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.89 min Scan# 432

Delta R.T. 0.02 min

Lab File: VF061152.D

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Instrument :

MSVOA_F

ClientSampleId :

TR-05-122018RE

Tgt Ion:168 Resp: 180231

Ion Ratio Lower Upper

168 100

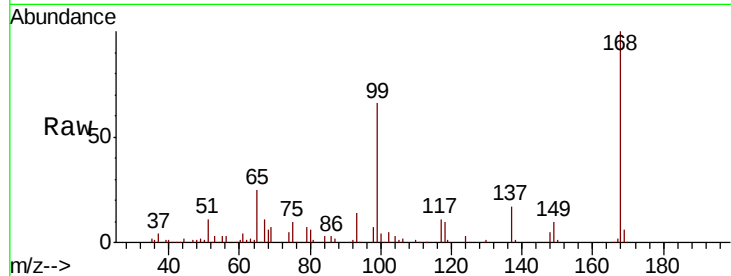
99 66.4 54.4 81.6

Manual Integrations

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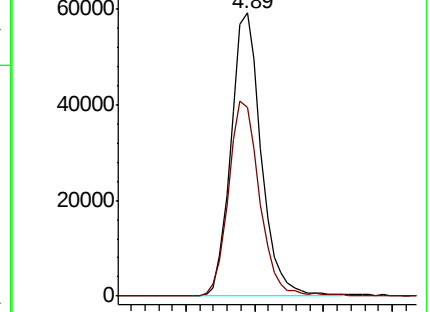
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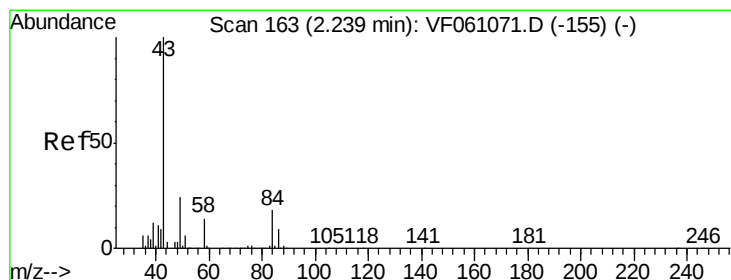
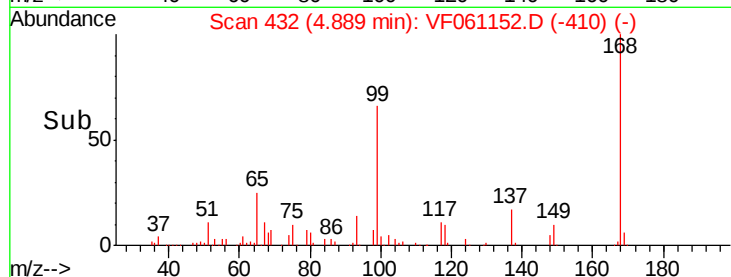


Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0



Time-->



#16

Acetone

Concen: 11.305 ug/l m

RT: 2.25 min Scan# 165

Delta R.T. 0.02 min

Lab File: VF061152.D

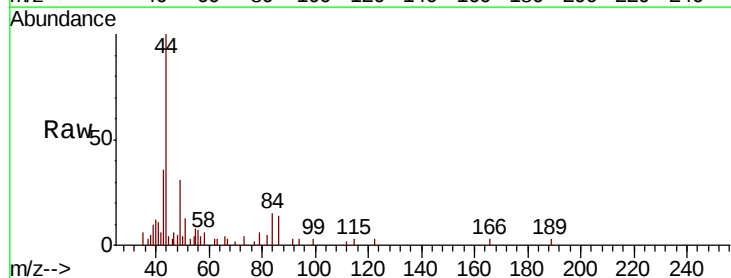
Acq: 22 Dec 2018 18:52

Tgt Ion: 43 Resp: 5239

Ion Ratio Lower Upper

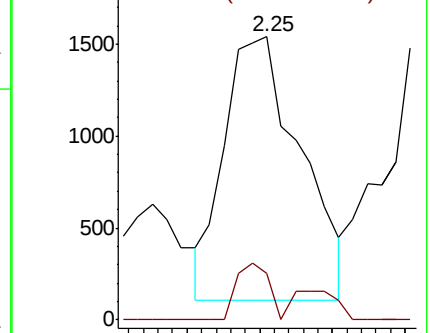
43 100

58 16.3 11.1 16.7

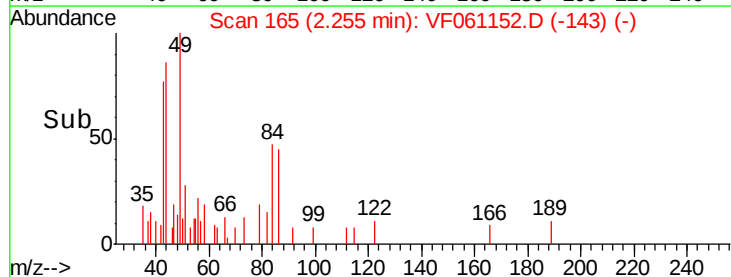


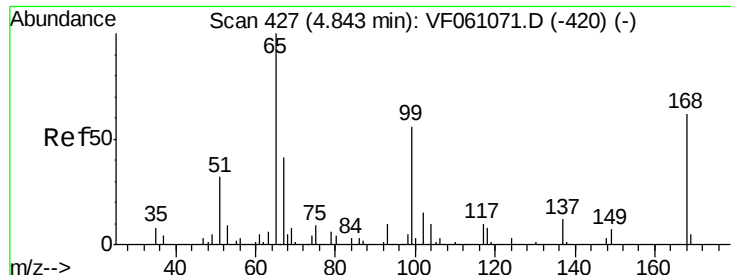
Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 58.00 (57.70 to 58.70): VF0



Time-->





#33

1,2-Dichloroethane-d4

Concen: 57.004 ug/l

RT: 4.86 min Scan# 429

Delta R.T. 0.02 min

Lab File: VF061152.D

Acq: 22 Dec 2018 18:52

Instrument :

MSVOA_F

ClientSampleId :

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Tgt Ion: 65 Resp: 132141

Ion Ratio Lower Upper

65 100

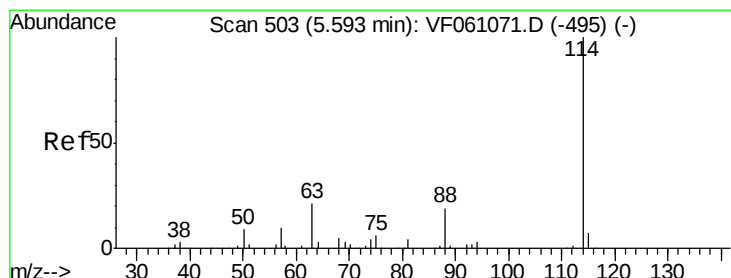
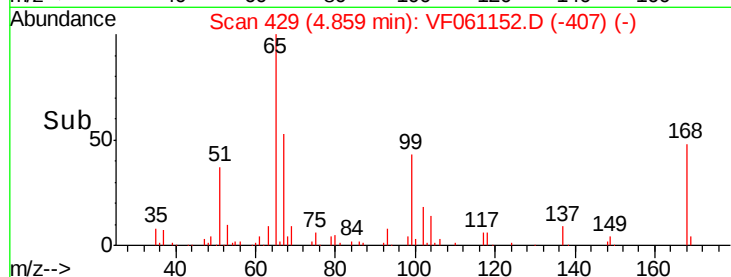
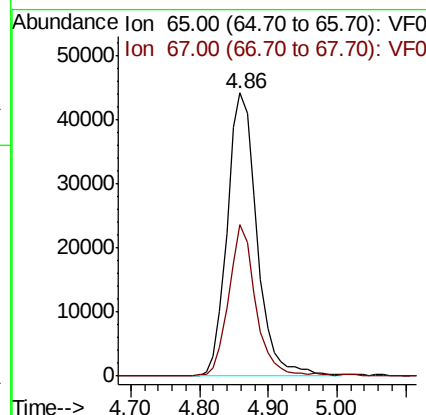
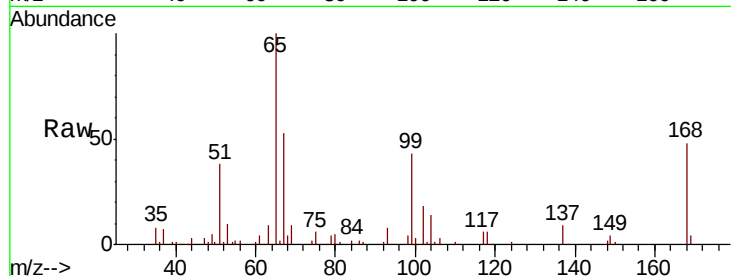
67 53.3 0.0 94.6

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.62 min Scan# 506

Delta R.T. 0.03 min

Lab File: VF061152.D

Acq: 22 Dec 2018 18:52

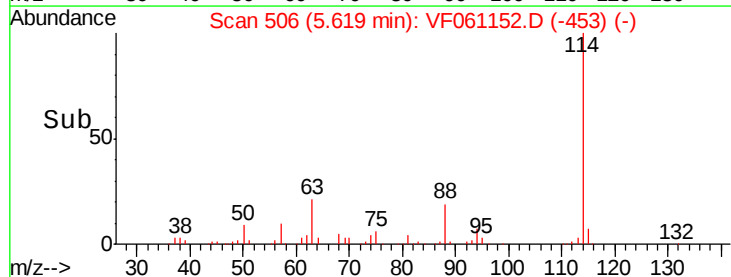
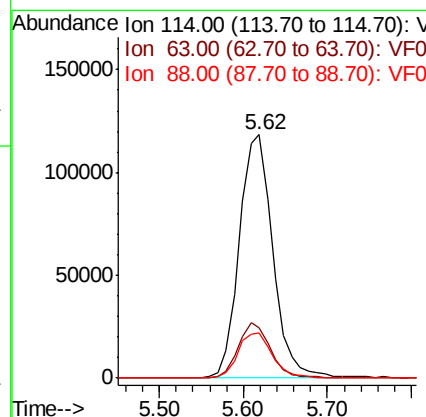
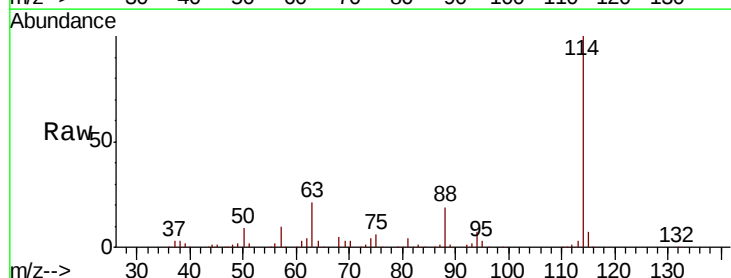
Tgt Ion: 114 Resp: 330099

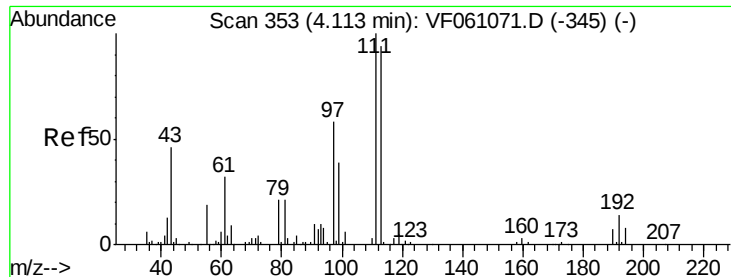
Ion Ratio Lower Upper

114 100

63 20.6 0.0 41.6

88 18.6 0.0 38.0





#35

Dibromofluoromethane

Concen: 50.476 ug/l

RT: 4.13 min Scan# 355

Delta R.T. 0.02 min

Lab File: VF061152.D

Acq: 22 Dec 2018 18:52

Instrument :

MSVOA_F

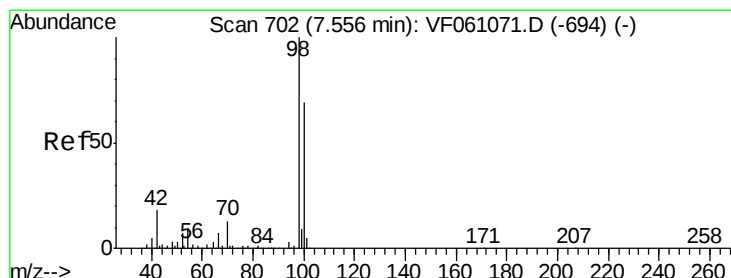
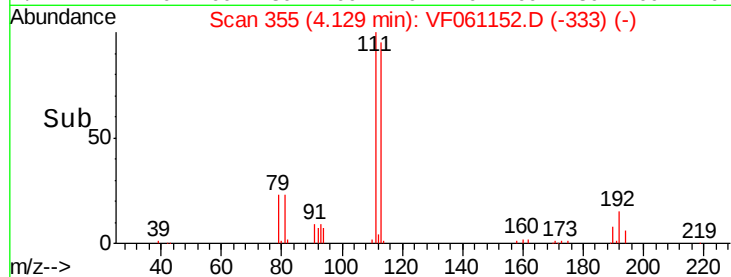
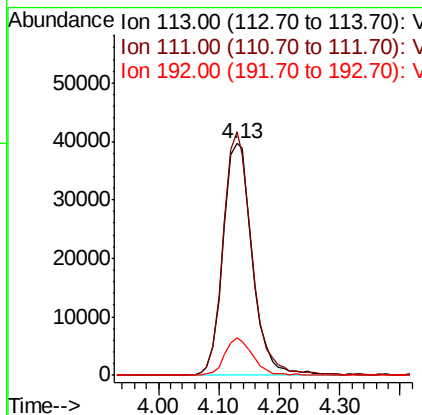
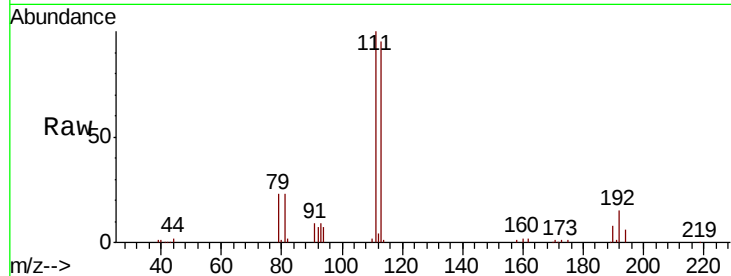
ClientSampleId :

TR-05-122018RE

Tgt	Ion	113	Resp:	133474
	Ion	Ratio	Lower	Upper
	113	100		
	111	105.0	85.2	127.8
	192	16.2	12.8	19.2

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#50

Toluene-d8

Concen: 25.205 ug/l

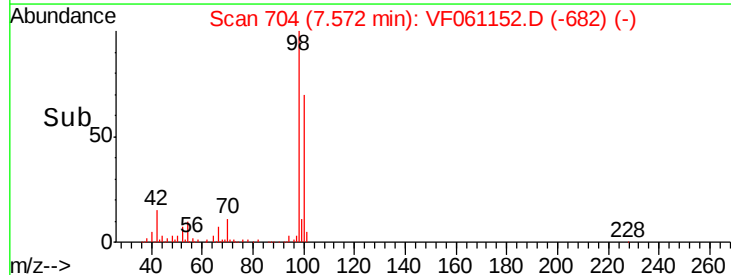
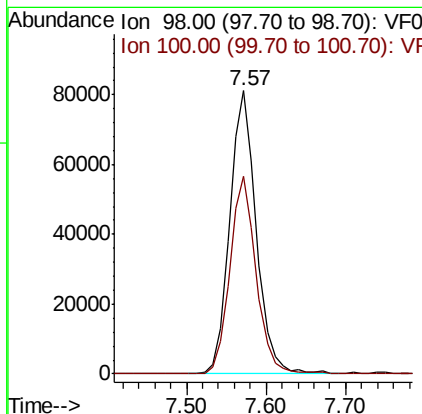
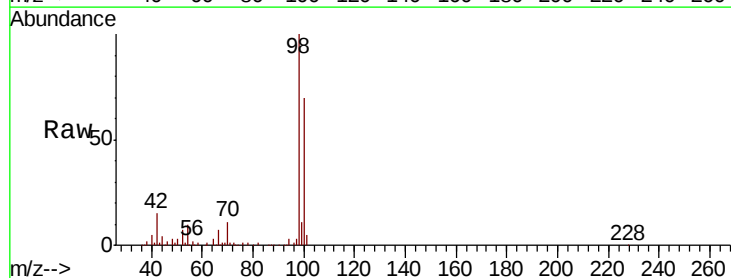
RT: 7.57 min Scan# 704

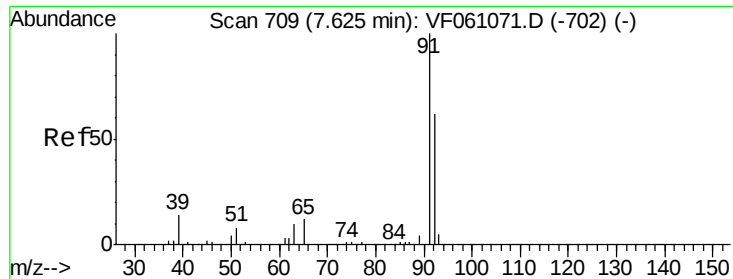
Delta R.T. 0.02 min

Lab File: VF061152.D

Acq: 22 Dec 2018 18:52

Tgt	Ion	98	Resp:	188878
	Ion	Ratio	Lower	Upper
	98	100		
	100	69.9	55.3	82.9





#52

Toluene

Concen: 1.768 ug/l

RT: 7.64 min Scan# 711

Delta R.T. 0.02 min

Lab File: VF061152.D

Acq: 22 Dec 2018 18:52

Instrument :

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ClientSampleId :

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Tgt Ion: 92 Resp: 10028

Ion Ratio Lower Upper

92 100

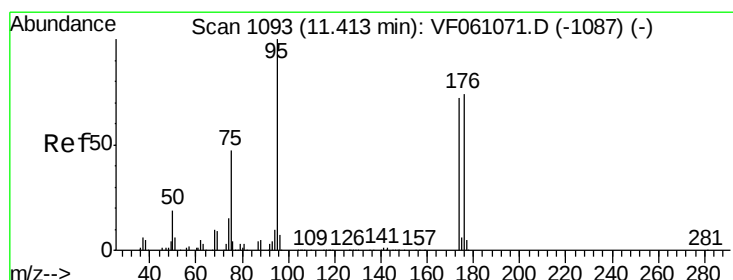
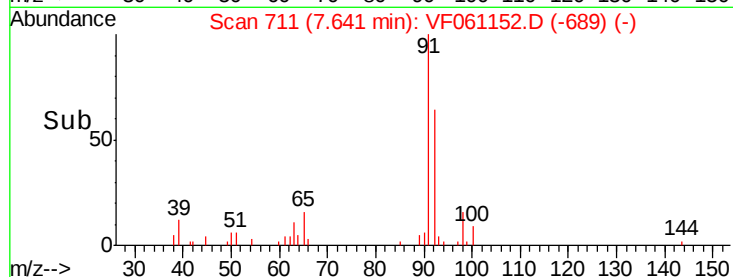
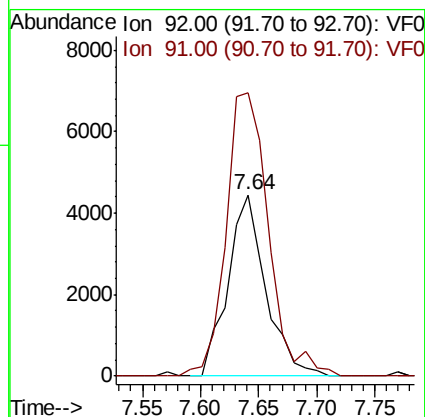
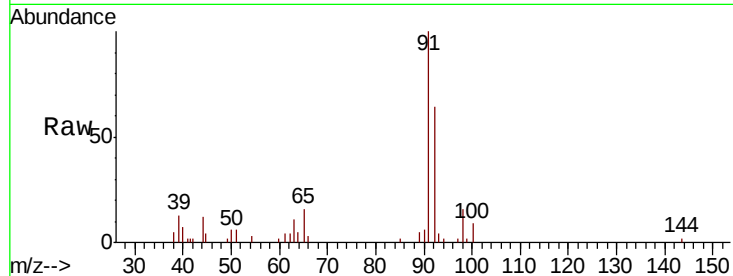
91 156.0 128.8 193.2

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#62

4-Bromofluorobenzene

Concen: 33.264 ug/l

RT: 11.42 min Scan# 1094

Delta R.T. 0.01 min

Lab File: VF061152.D

Acq: 22 Dec 2018 18:52

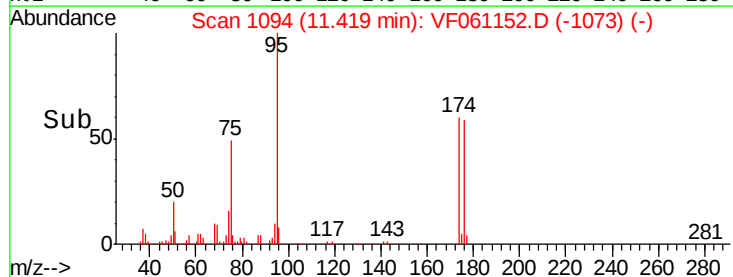
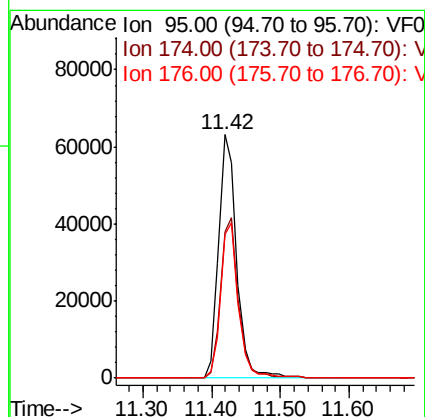
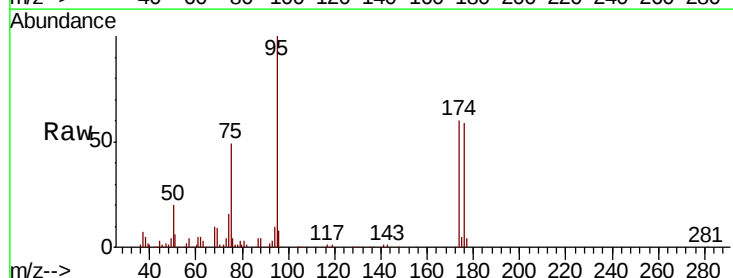
Tgt Ion: 95 Resp: 114915

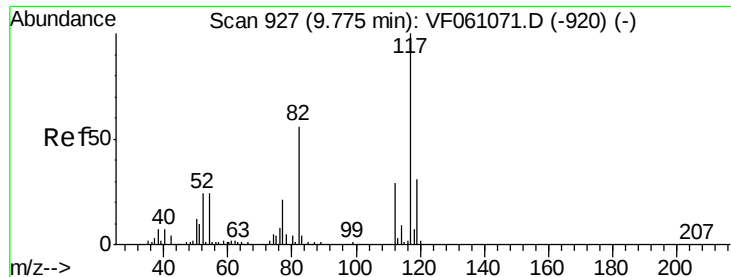
Ion Ratio Lower Upper

95 100

174 60.1 0.0 143.8

176 59.1 0.0 147.6





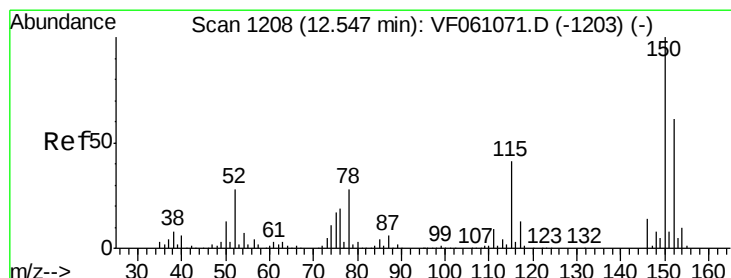
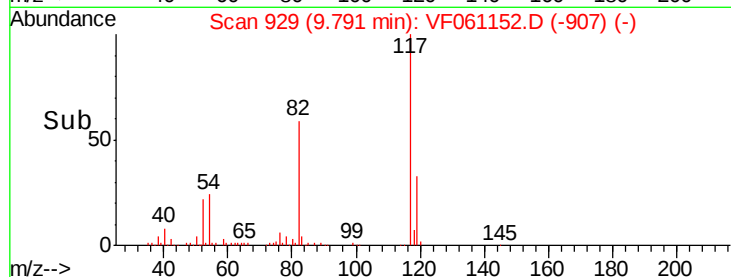
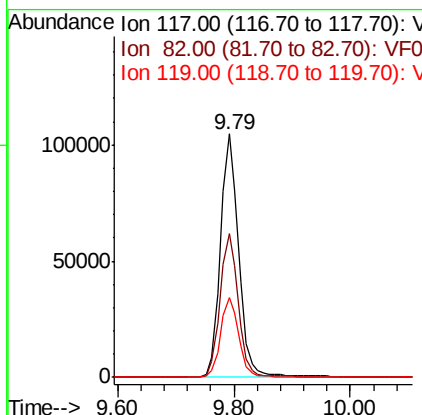
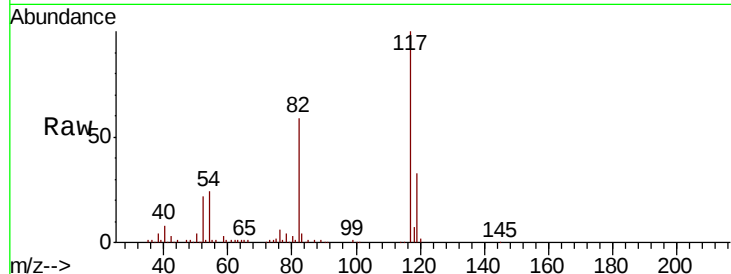
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.79 min Scan# 929
Delta R.T. 0.02 min
Lab File: VF061152.D
Acq: 22 Dec 2018 18:52

Instrument :
MSVOA_F
ClientSampleId :
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Tgt Ion	Ratio	Resp	Lower	Upper
117	100	228650		
82	59.3	45.0	67.4	
119	32.6	24.8	37.2	

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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.56 min Scan# 1210
Delta R.T. 0.02 min
Lab File: VF061152.D
Acq: 22 Dec 2018 18:52

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	98279		
115	61.1	33.3	99.9	
150	149.1	0.0	328.2	

