

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF121418\
 Data File : VF061027.D
 Acq On : 14 Dec 2018 18:37
 Operator : VA/AP
 Sample : J6403-37RE
 Misc : 5.53g/5mL/MSVOA-F/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 TP-5-BRE

Manual Integrations
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Quant Time: Dec 15 01:12:46 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F112618S.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 27 01:36:26 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.86	168	258154	50.00	ug/l	-0.05
34) 1,4-Difluorobenzene	5.59	114	426129	50.00	ug/l	-0.05
63) Chlorobenzene-d5	9.77	117	346609	50.00	ug/l	-0.04
72) 1,4-Dichlorobenzene-d4	12.54	152	136986	50.00	ug/l	-0.03
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.84	65	127882	42.05	ug/l	-0.04
Spiked Amount 50.000			Recovery	=	84.10%	
35) Dibromofluoromethane	4.11	113	152652	45.16	ug/l	-0.04
Spiked Amount 50.000			Recovery	=	90.32%	
50) Toluene-d8	7.55	98	366536	36.81	ug/l	-0.04
Spiked Amount 50.000			Recovery	=	73.62%	
62) 4-Bromofluorobenzene	11.41	95	147035	32.49	ug/l	-0.03
Spiked Amount 50.000			Recovery	=	64.98%	
Target Compounds						
16) Acetone	2.23	43	34925	62.277	ug/l	Qvalue 94
20) Methylene Chloride	2.24	84	7823m	3.802	ug/l	
25) 2-Butanone	4.34	43	7462	7.693	ug/l #	88

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

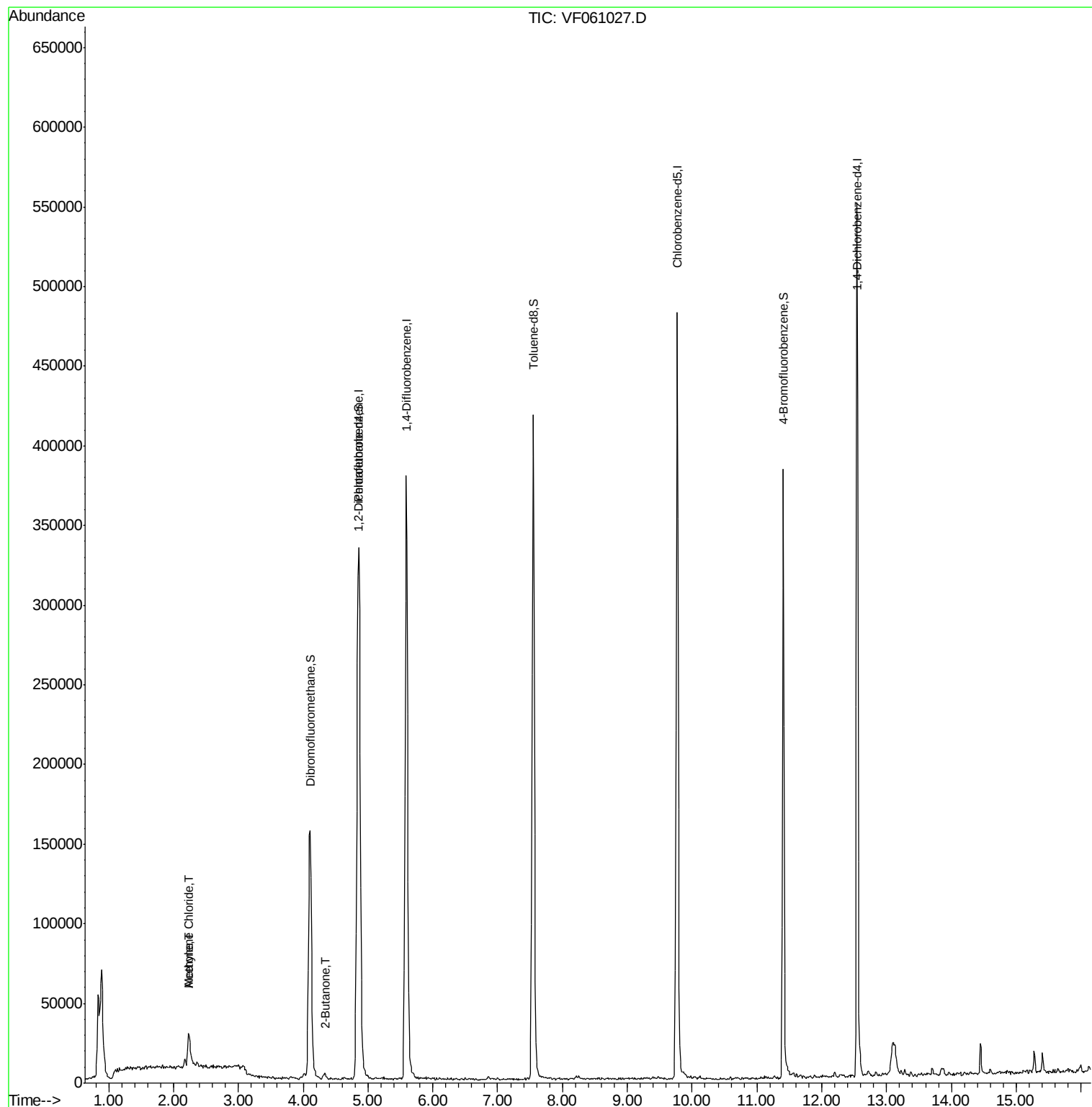
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_F\DATA\VF121418\
Data File : VF061027.D
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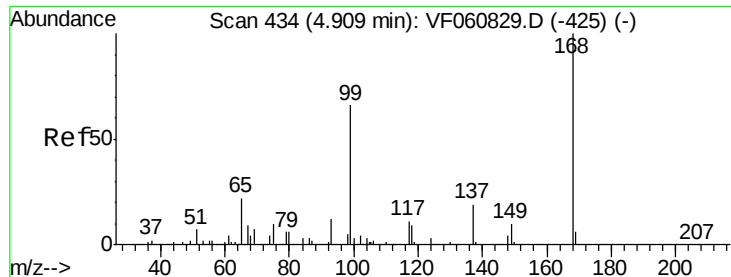
Instrument :
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Quant Time: Dec 15 01:12:46 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_F\METHODS\82F112618S.M
Quant Title : SW846 8260
QLast Update : Tue Nov 27 01:36:26 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.86 min Scan# 429

Delta R.T. -0.05 min

Lab File: VF061027.D

Acq: 14 Dec 2018 18:37

Instrument :

MSVOA_F

ClientSampleId :

TP-5-BRE

Tgt Ion: 168 Resp: 258154

Ion Ratio Lower Upper

168 100

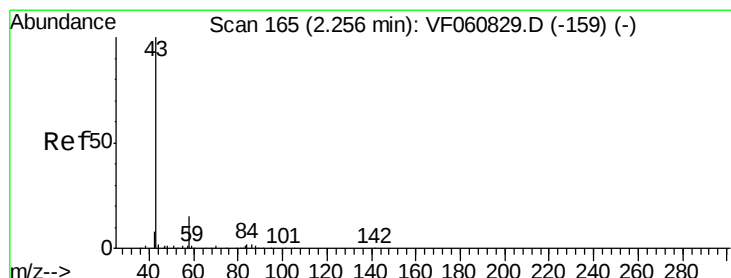
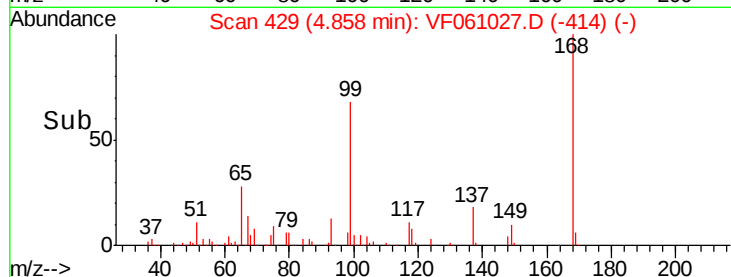
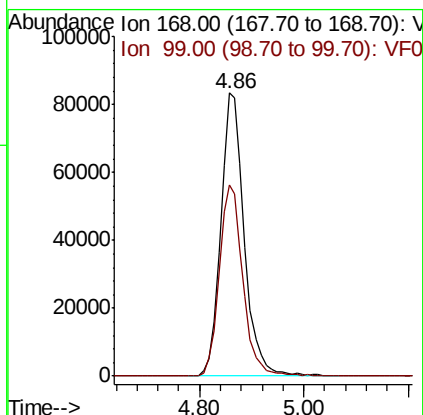
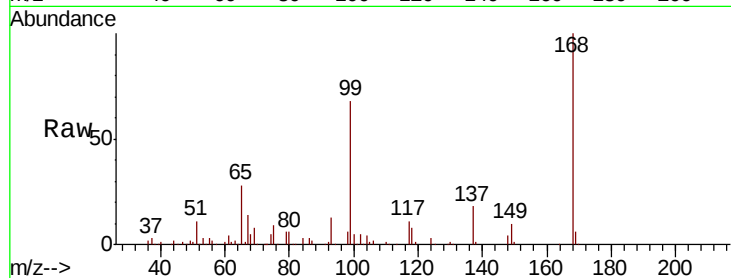
99 67.6 52.6 79.0

Manual Integrations

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#16

Acetone

Concen: 62.277 ug/l

RT: 2.23 min Scan# 163

Delta R.T. -0.02 min

Lab File: VF061027.D

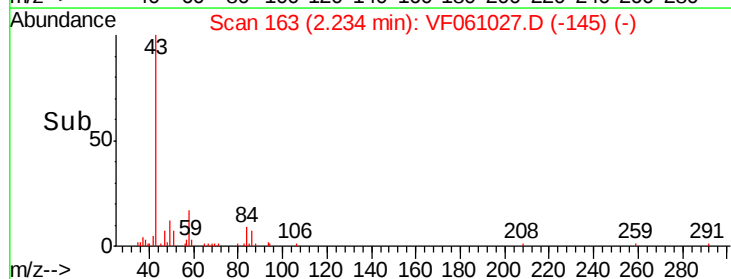
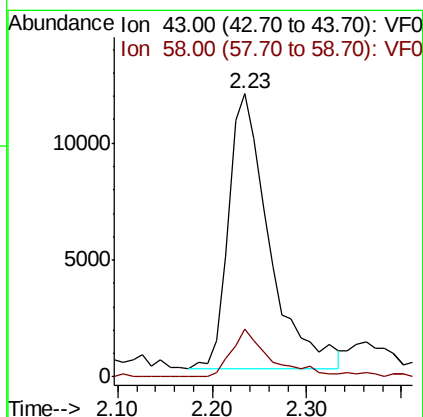
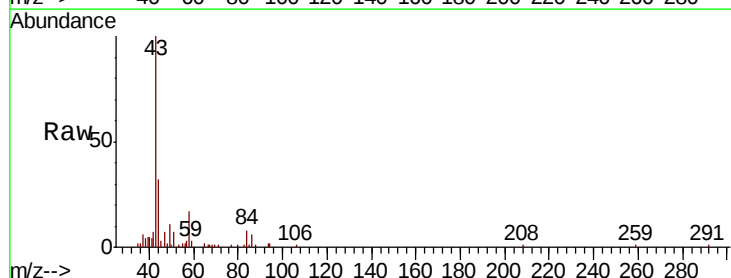
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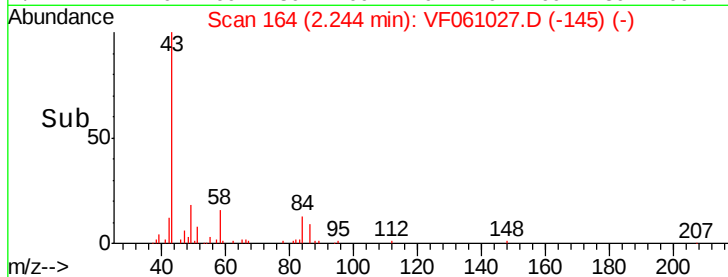
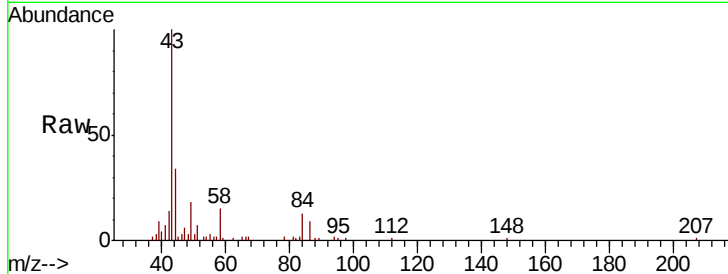
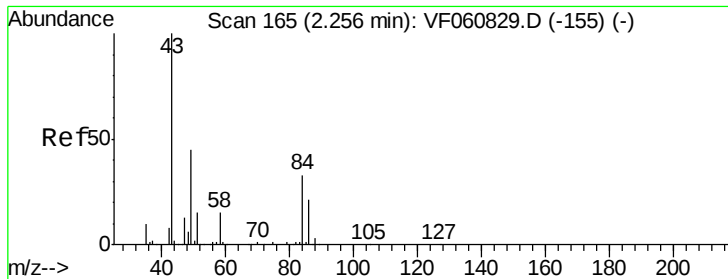
Tgt Ion: 43 Resp: 34925

Ion Ratio Lower Upper

43 100

58 16.9 11.4 17.2





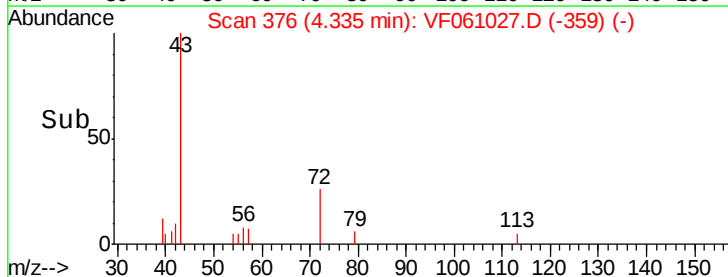
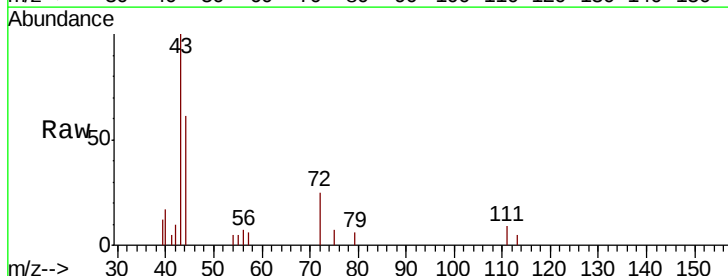
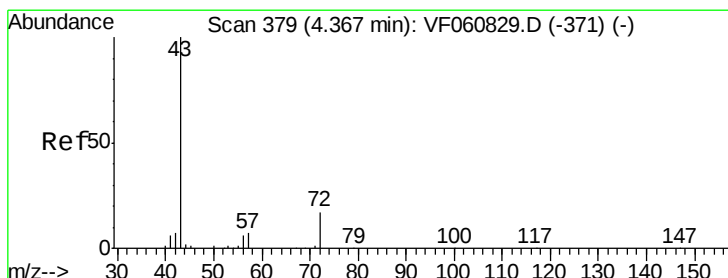
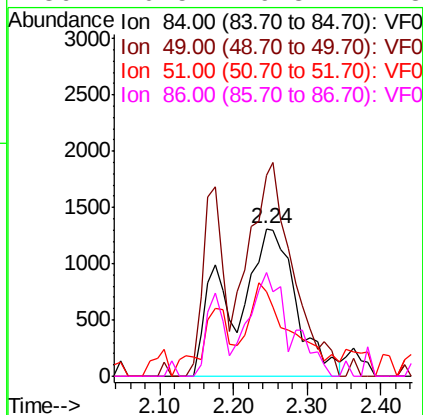
#20
Methylene Chloride
Concen: 3.802 ug/l m
RT: 2.24 min Scan# 164
Delta R.T. -0.01 min
Lab File: VF061027.D
Acq: 14 Dec 2018 18:37

Tgt Ion	Ratio	Lower	Upper
84	100		
49	136.5	111.3	166.9
51	57.2	38.0	57.0#
86	70.5	49.8	74.8

Instrument :
MSVOA_F
ClientSampleId :
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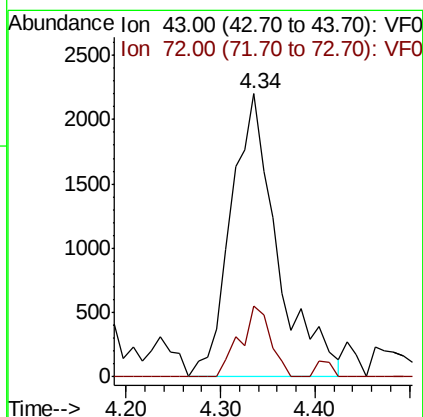
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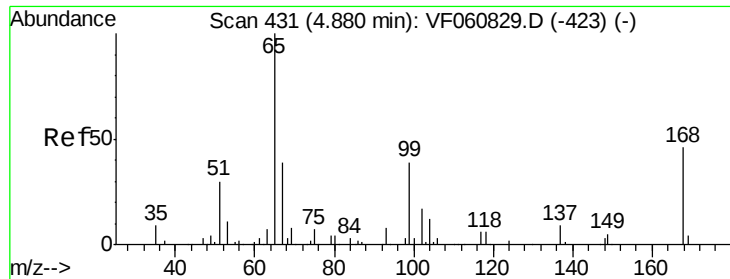
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#25
2-Butanone
Concen: 7.693 ug/l
RT: 4.34 min Scan# 376
Delta R.T. -0.03 min
Lab File: VF061027.D
Acq: 14 Dec 2018 18:37

Tgt Ion	Ratio	Lower	Upper
43	100		
72	24.9	15.4	23.2#





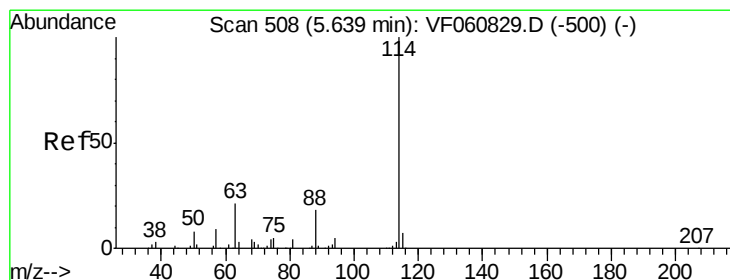
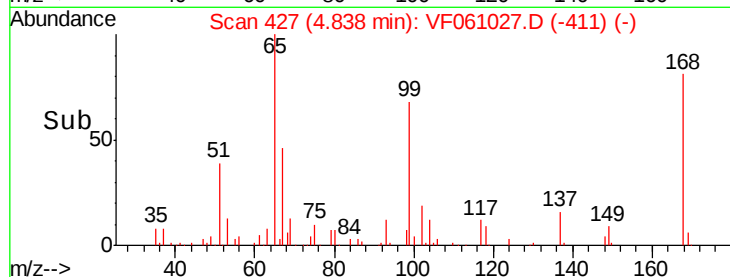
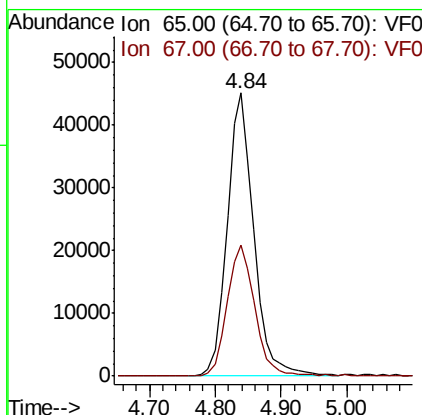
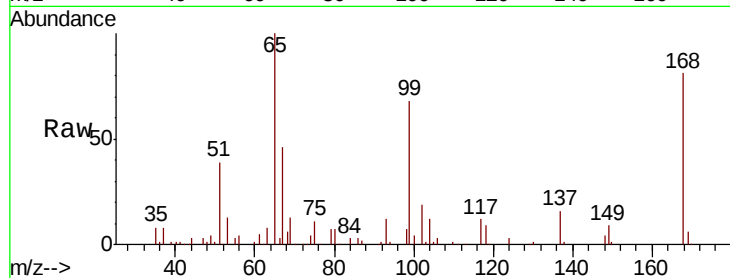
#33
 1,2-Dichloroethane-d4
 Concen: 42.051 ug/l
 RT: 4.84 min Scan# 427
 Delta R.T. -0.04 min
 Lab File: VF061027.D
 Acq: 14 Dec 2018 18:37

Instrument :
 MSVOA_F
 ClientSampleId :
 TP-5-BRE

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	127882		
67	46.2	0.0	96.4	

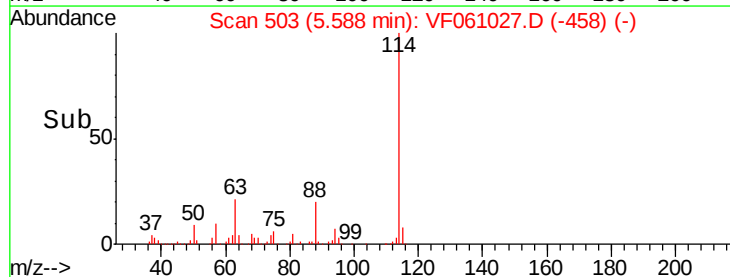
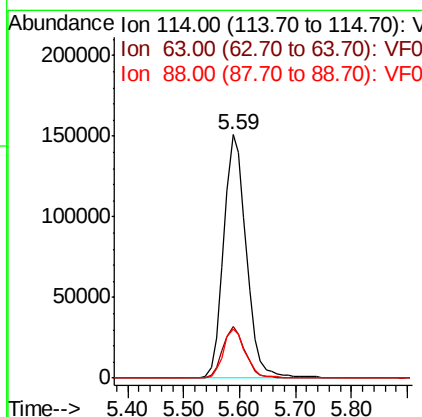
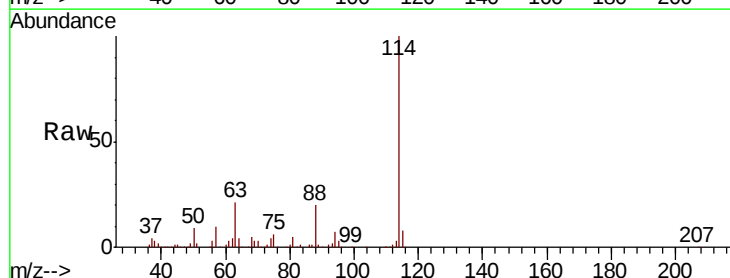
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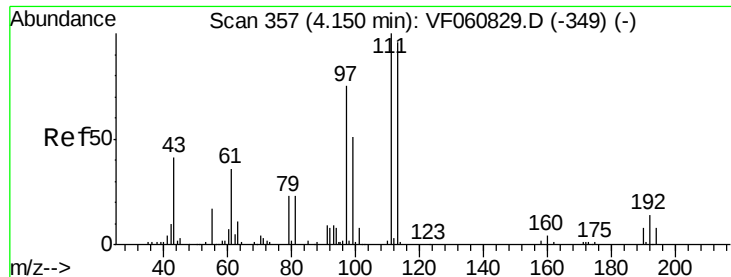
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.59 min Scan# 503
 Delta R.T. -0.05 min
 Lab File: VF061027.D
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Tgt Ion	Ratio	Resp	Lower	Upper
114	100	426129		
63	21.4	0.0	41.6	
88	20.3	0.0	36.6	





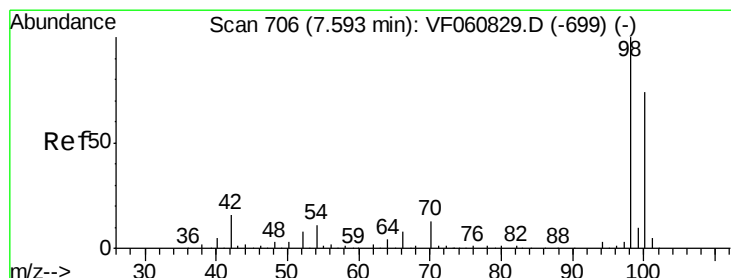
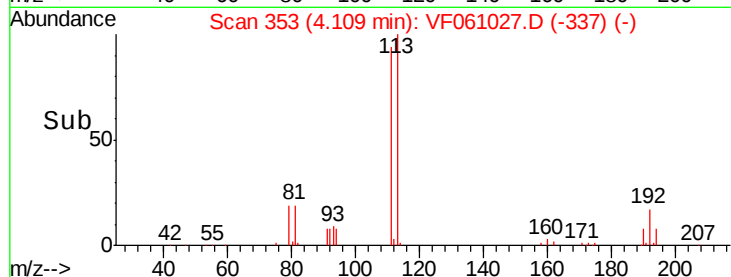
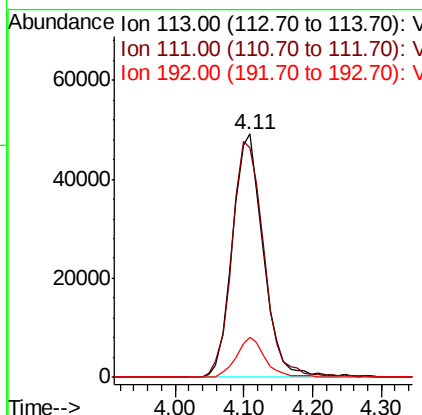
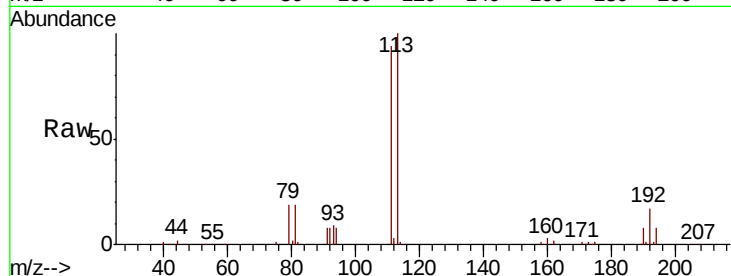
#35
Dibromofluoromethane
Concen: 45.155 ug/l
RT: 4.11 min Scan# 353
Delta R.T. -0.04 min
Lab File: VF061027.D
Acq: 14 Dec 2018 18:37

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ClientSampleId :
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Tgt Ion	Ratio	Resp	Lower	Upper
113	100	152652		
111	94.3	83.0	124.6	
192	16.6	12.3	18.5	

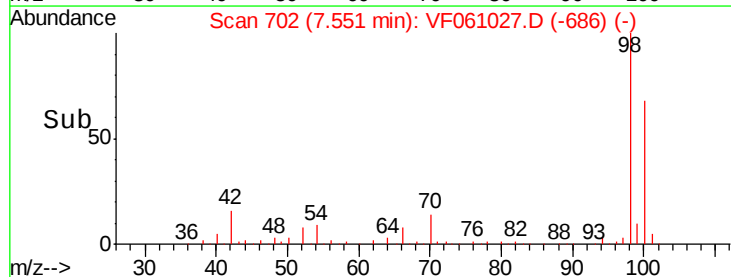
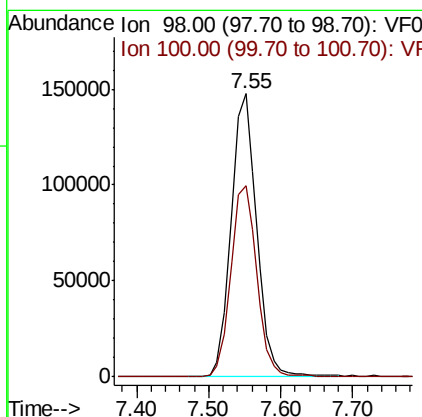
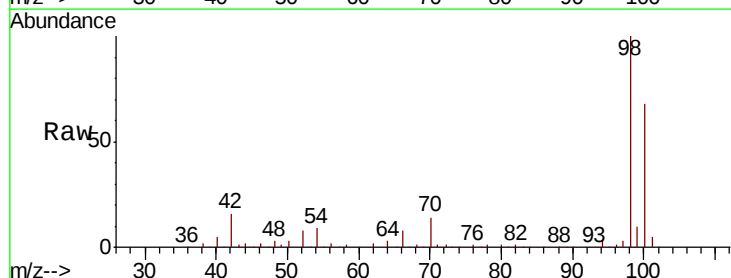
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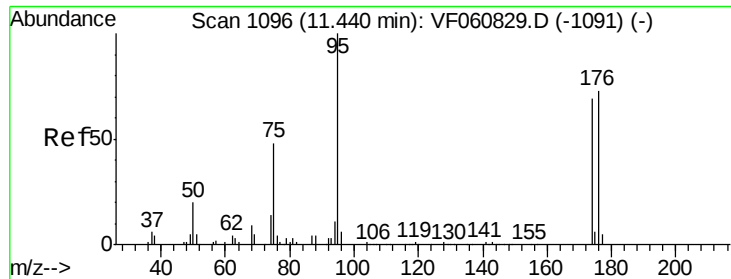
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#50
Toluene-d8
Concen: 36.807 ug/l
RT: 7.55 min Scan# 702
Delta R.T. -0.04 min
Lab File: VF061027.D
Acq: 14 Dec 2018 18:37

Tgt Ion	Ratio	Resp	Lower	Upper
98	100	366536		
100	67.7	59.3	88.9	





#62

4-Bromofluorobenzene

Concen: 32.488 ug/l

RT: 11.41 min Scan# 1093

Delta R.T. -0.03 min

Lab File: VF061027.D

Acq: 14 Dec 2018 18:37

Instrument :

MSVOA_F

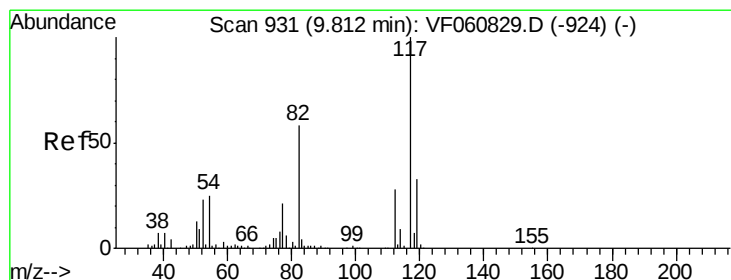
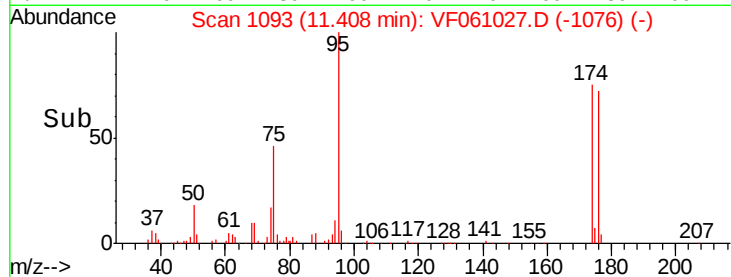
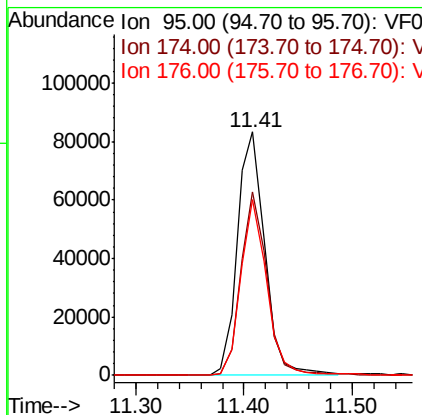
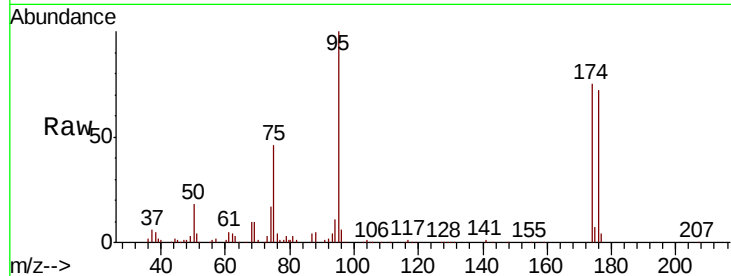
ClientSampleId :

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Tgt Ion:	95	Resp:	147035
Ion Ratio	Lower	Upper	
95	100		
174	75.2	0.0	138.2
176	72.1	0.0	146.2

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#63

Chlorobenzene-d5

Concen: 50.000 ug/l

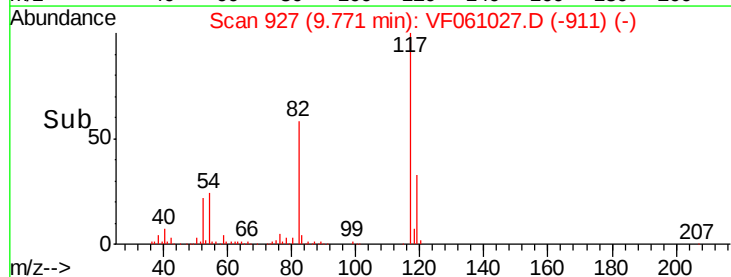
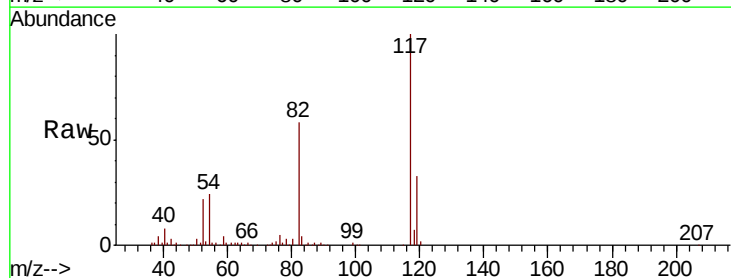
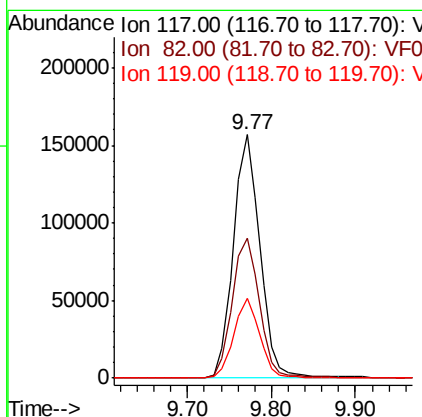
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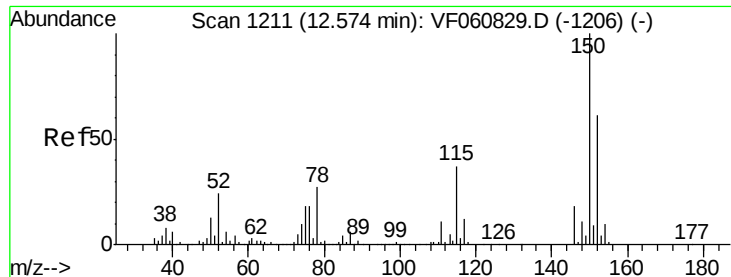
Delta R.T. -0.04 min

Lab File: VF061027.D

Acq: 14 Dec 2018 18:37

Tgt Ion:	117	Resp:	346609
Ion Ratio	Lower	Upper	
117	100		
82	57.5	46.6	69.8
119	32.8	26.4	39.6





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.54 min Scan# 1208

Delta R.T. -0.03 min

Lab File: VF061027.D

Acq: 14 Dec 2018 18:37

Instrument :

MSVOA_F

ClientSampleId :

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Tgt	Ion	152	Resp:	136986
Ion	Ratio	Lower	Upper	
152	100			
115	61.9	30.1	90.5	
150	152.8	0.0	327.6	

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