

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF031219\
 Data File : VF061918.D
 Acq On : 12 Mar 2019 21:28
 Operator : VA/AP
 Sample : K1866-15
 Misc : 5.80g/5mL/MSVOA-F/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 MR-MH-12-COMP

Manual Integrations
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 3/13/2019 4:42:11 PM

Quant Time: Mar 13 03:27:17 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F030419S.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 05 04:50:44 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.85	168	297475	50.00	ug/l	-0.03
34) 1,4-Difluorobenzene	5.59	114	402709	50.00	ug/l	-0.02
63) Chlorobenzene-d5	9.76	117	414081	50.00	ug/l	-0.02
72) 1,4-Dichlorobenzene-d4	12.54	152	230310	50.00	ug/l	-0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.83	65	131177	60.55	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	121.10%	
35) Dibromofluoromethane	4.10	113	187358	66.67	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	133.34%	
50) Toluene-d8	7.54	98	493500	59.08	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	118.16%	
62) 4-Bromofluorobenzene	11.40	95	211224	64.55	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	129.10%	
Target Compounds						
16) Acetone	2.23	43	10464m	23.059	ug/l	Qvalue
20) Methylene Chloride	2.18	84	21801m	3.781	ug/l	

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

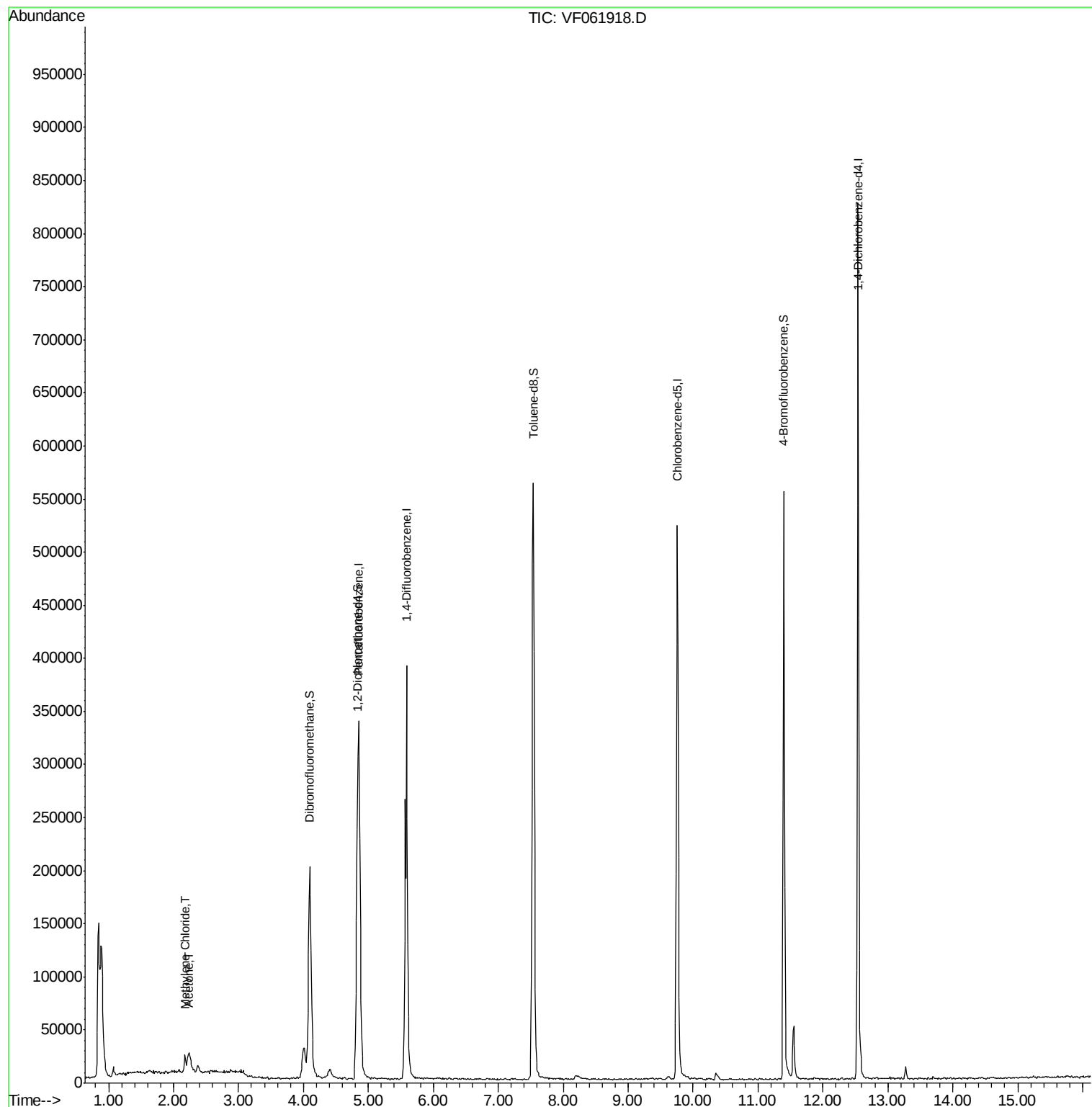
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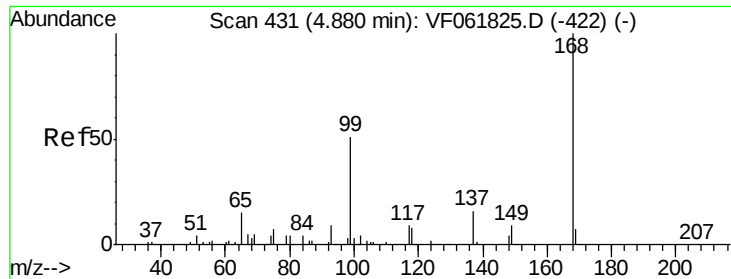
Instrument :
MSVOA_F
ClientSampleId :
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_F\METHODS\82F030419S.M
Quant Title : SW846 8260
QLast Update : Tue Mar 05 04:50:44 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.85 min Scan# 428

Delta R.T. -0.03 min

Lab File: VF061918.D

Acq: 12 Mar 2019 21:28

Instrument :

MSVOA_F

ClientSampleId :

MR-MH-12-COMP

Tgt Ion: 168 Resp: 297475

Ion Ratio Lower Upper

168 100

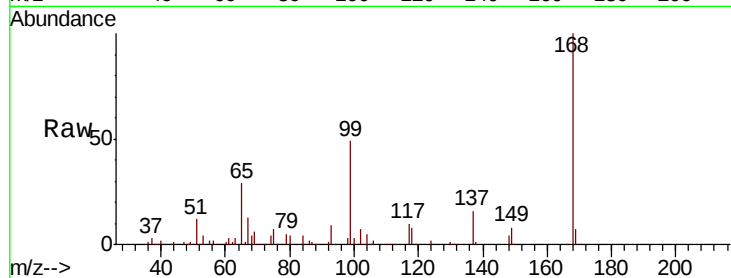
99 48.7 40.8 61.2

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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

100000

80000

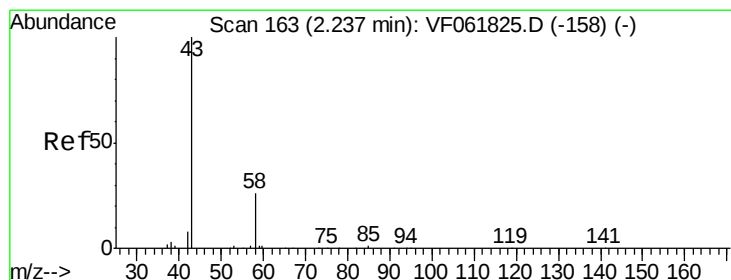
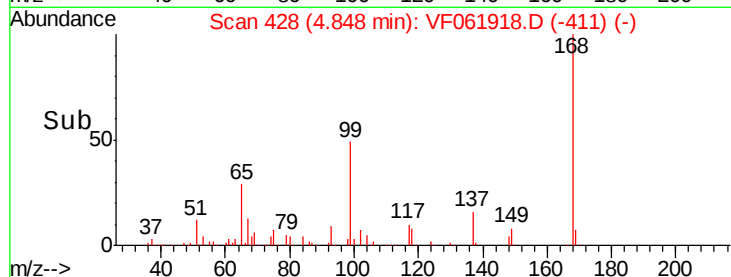
60000

40000

20000

0

Time-->



#16

Acetone

Concen: 23.059 ug/l m

RT: 2.23 min Scan# 163

Delta R.T. -0.00 min

Lab File: VF061918.D

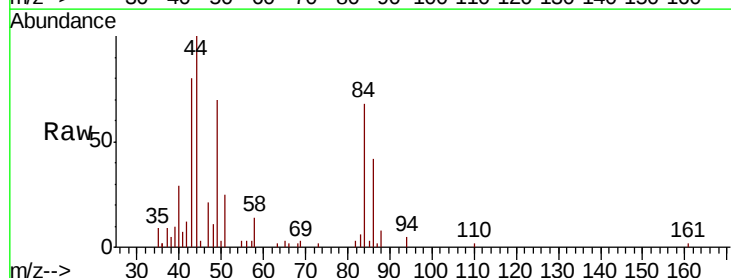
Acq: 12 Mar 2019 21:28

Tgt Ion: 43 Resp: 10464

Ion Ratio Lower Upper

43 100

58 17.1 20.3 30.5#



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 58.00 (57.70 to 58.70): VF0

2.23

4000

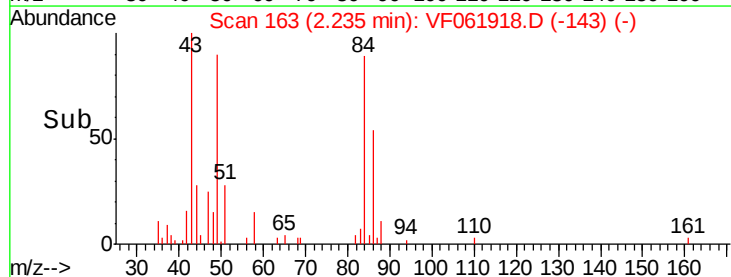
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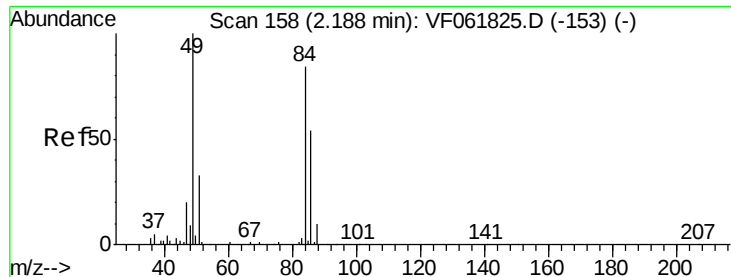
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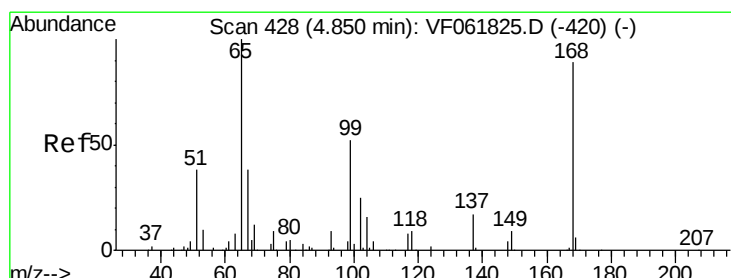
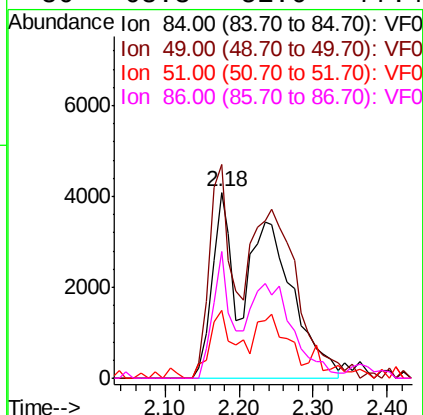
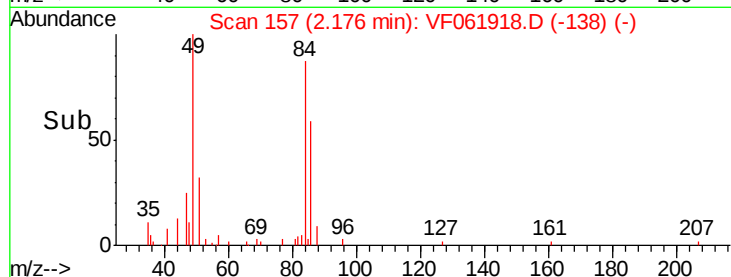
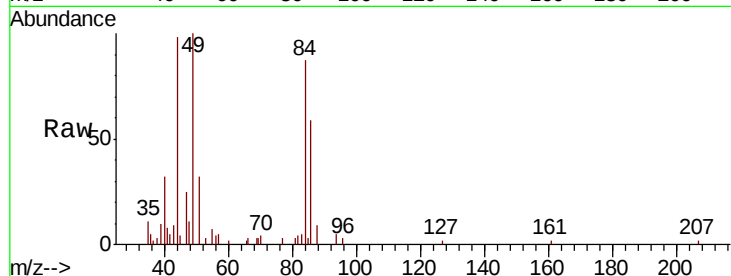
#20
Methylene Chloride
Concen: 3.781 ug/l m
RT: 2.18 min Scan# 157
Delta R.T. -0.01 min
Lab File: VF061918.D
Acq: 12 Mar 2019 21:28

Instrument :
MSVOA_F
ClientSampleId :
MR-MH-12-COMP

Tgt Ion	Ratio	Lower	Upper
84	100		
49	114.9	96.8	145.2
51	36.8	31.8	47.6
86	68.3	51.6	77.4

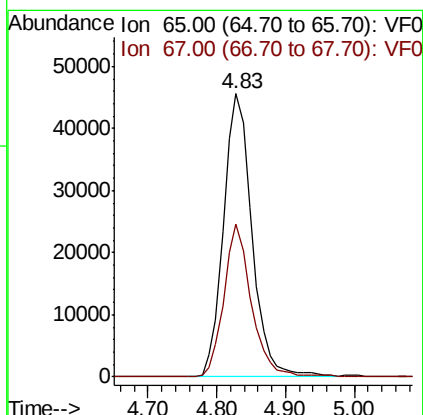
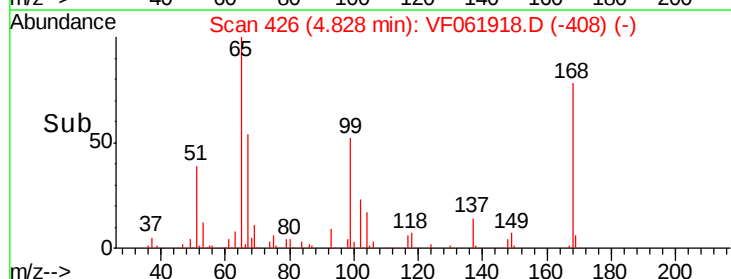
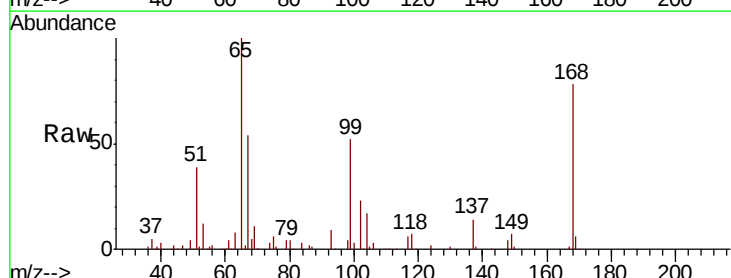
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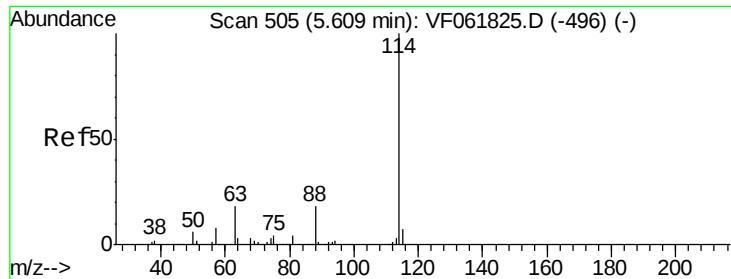
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#33
1,2-Dichloroethane-d4
Concen: 60.552 ug/l
RT: 4.83 min Scan# 426
Delta R.T. -0.02 min
Lab File: VF061918.D
Acq: 12 Mar 2019 21:28

Tgt Ion	Ratio	Lower	Upper
65	100		
67	54.1	0.0	108.6





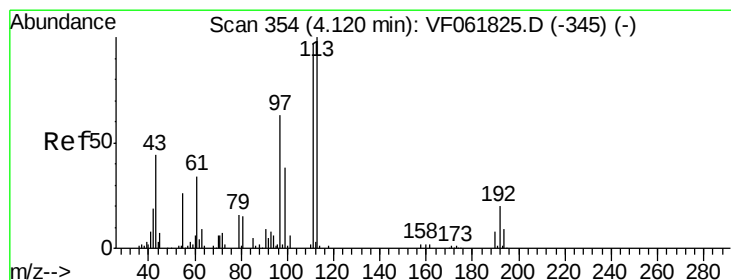
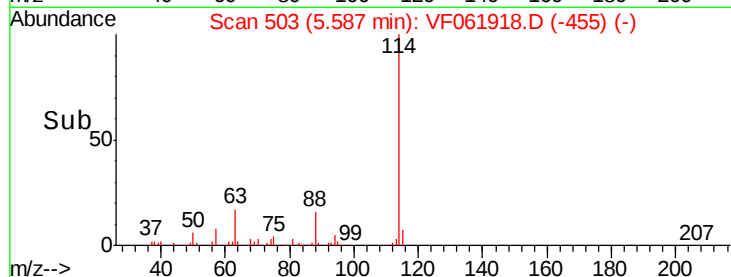
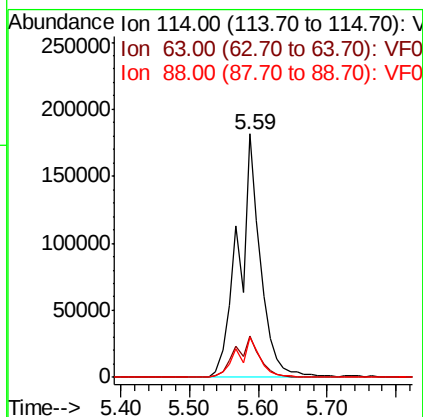
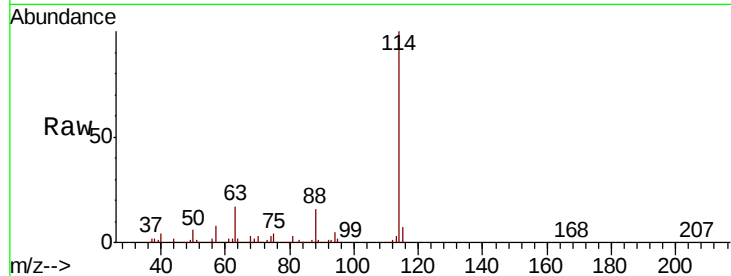
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.59 min Scan# 503
 Delta R.T. -0.02 min
 Lab File: VF061918.D
 Acq: 12 Mar 2019 21:28

Instrument :
 MSVOA_F
 ClientSampleId :
 MR-MH-12-COMP

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	402709		
63	17.1	0.0	35.6	
88	16.2	0.0	35.6	

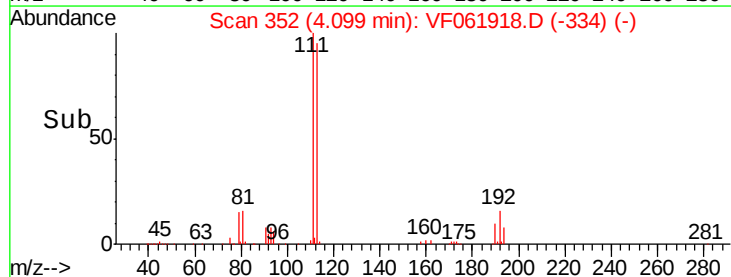
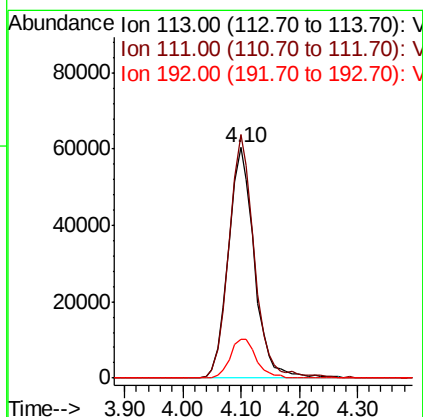
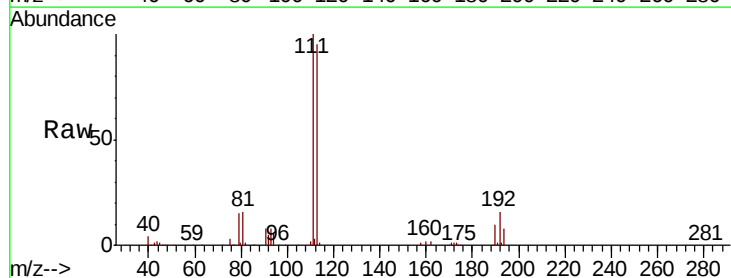
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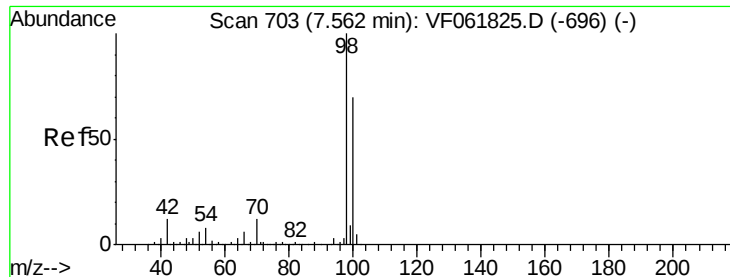
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#35
 Dibromofluoromethane
 Concen: 66.666 ug/l
 RT: 4.10 min Scan# 352
 Delta R.T. -0.02 min
 Lab File: VF061918.D
 Acq: 12 Mar 2019 21:28

Tgt Ion	Ratio	Resp	Lower	Upper
113	100	187358		
111	105.5	77.6	116.4	
192	17.5	15.9	23.9	





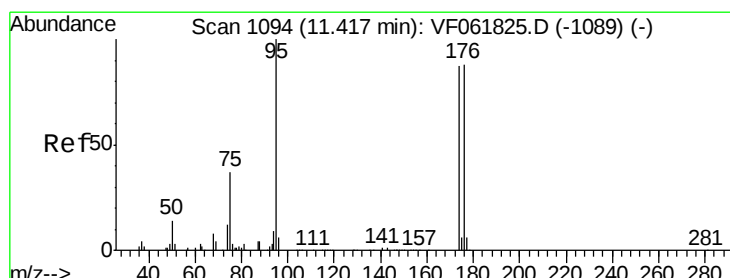
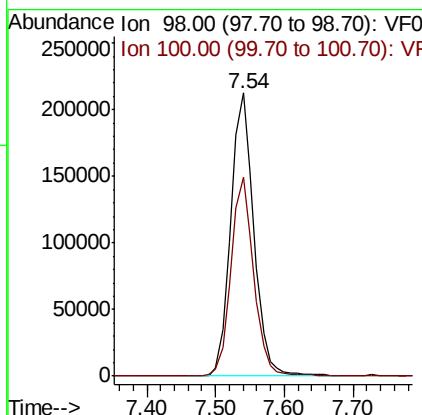
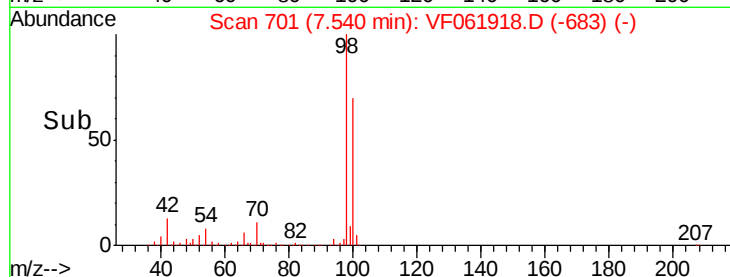
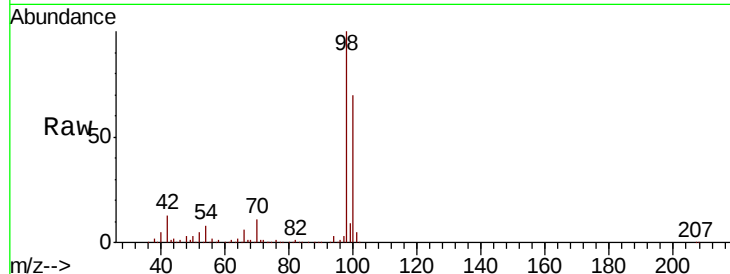
#50
Toluene-d8
Concen: 59.078 ug/l
RT: 7.54 min Scan# 701
Delta R.T. -0.02 min
Lab File: VF061918.D
Acq: 12 Mar 2019 21:28

Instrument :
MSVOA_F
ClientSampleId :
MR-MH-12-COMP

Tgt Ion: 98 Resp: 493500
Ion Ratio Lower Upper
98 100
100 70.2 56.0 84.0

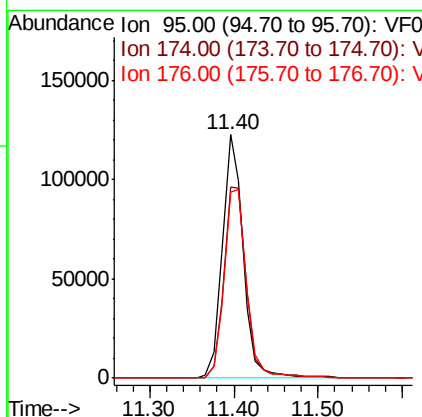
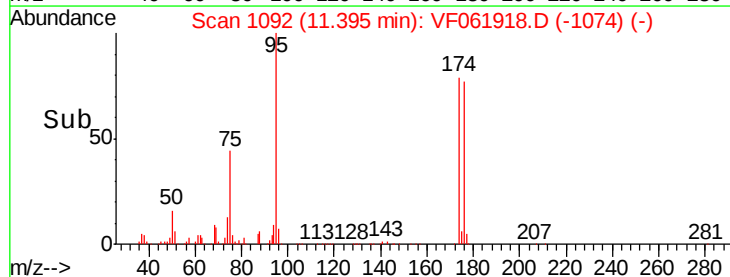
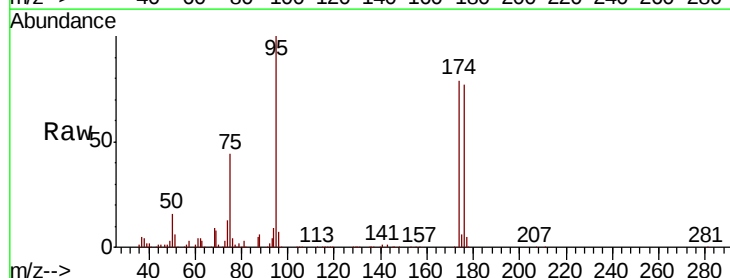
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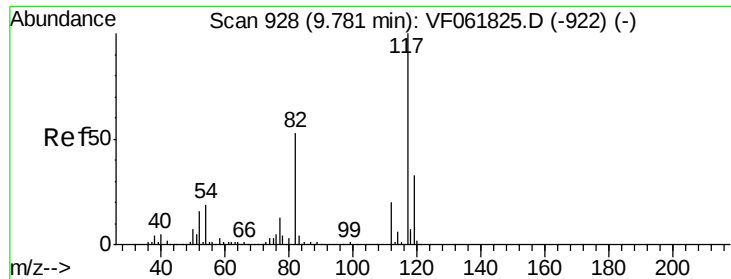
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#62
4-Bromofluorobenzene
Concen: 64.551 ug/l
RT: 11.40 min Scan# 1092
Delta R.T. -0.02 min
Lab File: VF061918.D
Acq: 12 Mar 2019 21:28

Tgt Ion: 95 Resp: 211224
Ion Ratio Lower Upper
95 100
174 78.7 0.0 174.0
176 76.5 0.0 175.2





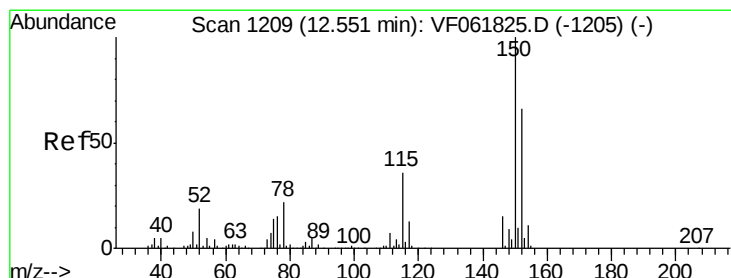
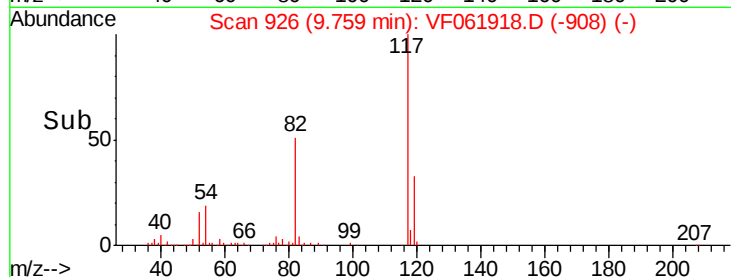
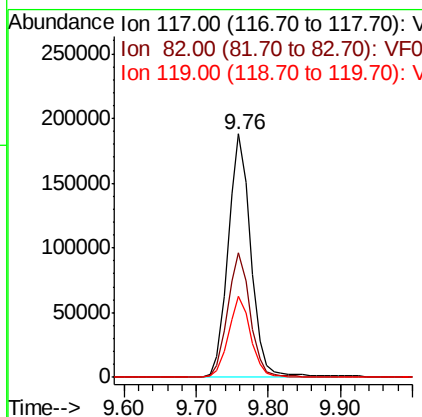
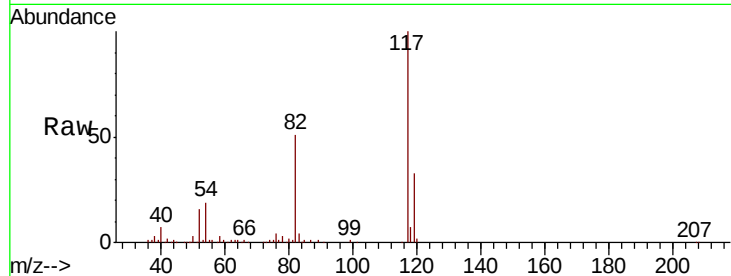
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.76 min Scan# 926
Delta R.T. -0.02 min
Lab File: VF061918.D
Acq: 12 Mar 2019 21:28

Instrument :
MSVOA_F
ClientSampleId :
MR-MH-12-COMP

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	414081		
82	51.0	42.6	63.8	
119	33.3	26.0	39.0	

Manual Integrations
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.54 min Scan# 1208
Delta R.T. -0.01 min
Lab File: VF061918.D
Acq: 12 Mar 2019 21:28

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	230310		
115	50.4	27.7	83.1	
150	150.2	0.0	304.2	

