

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF121818\
 Data File : VF061065.D
 Acq On : 18 Dec 2018 16:24
 Operator : VA/AP
 Sample : J6464-01RE
 Misc : 5.1µ/5mL/MSVOA-F/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 290-RT4008-RBR251686RE

Manual Integrations
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Quant Time: Dec 19 02:14:17 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	4.87	168	181330	50.00	ug/l	-0.04
34) 1,4-Difluorobenzene	5.60	114	299018	50.00	ug/l	-0.04
63) Chlorobenzene-d5	9.77	117	209505	50.00	ug/l	-0.04
72) 1,4-Dichlorobenzene-d4	12.55	152	54761	50.00	ug/l	-0.02
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.84	65	108463	50.78	ug/l	-0.04
Spiked Amount 50.000			Recovery	=	101.56%	
35) Dibromofluoromethane	4.11	113	122288	51.55	ug/l	-0.04
Spiked Amount 50.000			Recovery	=	103.10%	
50) Toluene-d8	7.55	98	279613	40.01	ug/l	-0.04
Spiked Amount 50.000			Recovery	=	80.02%	
62) 4-Bromofluorobenzene	11.41	95	79400	25.00	ug/l	-0.03
Spiked Amount 50.000			Recovery	=	50.00%	
Target Compounds						
20) Methylene Chloride	2.25	84	4780m	3.308	ug/l	Qvalue

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

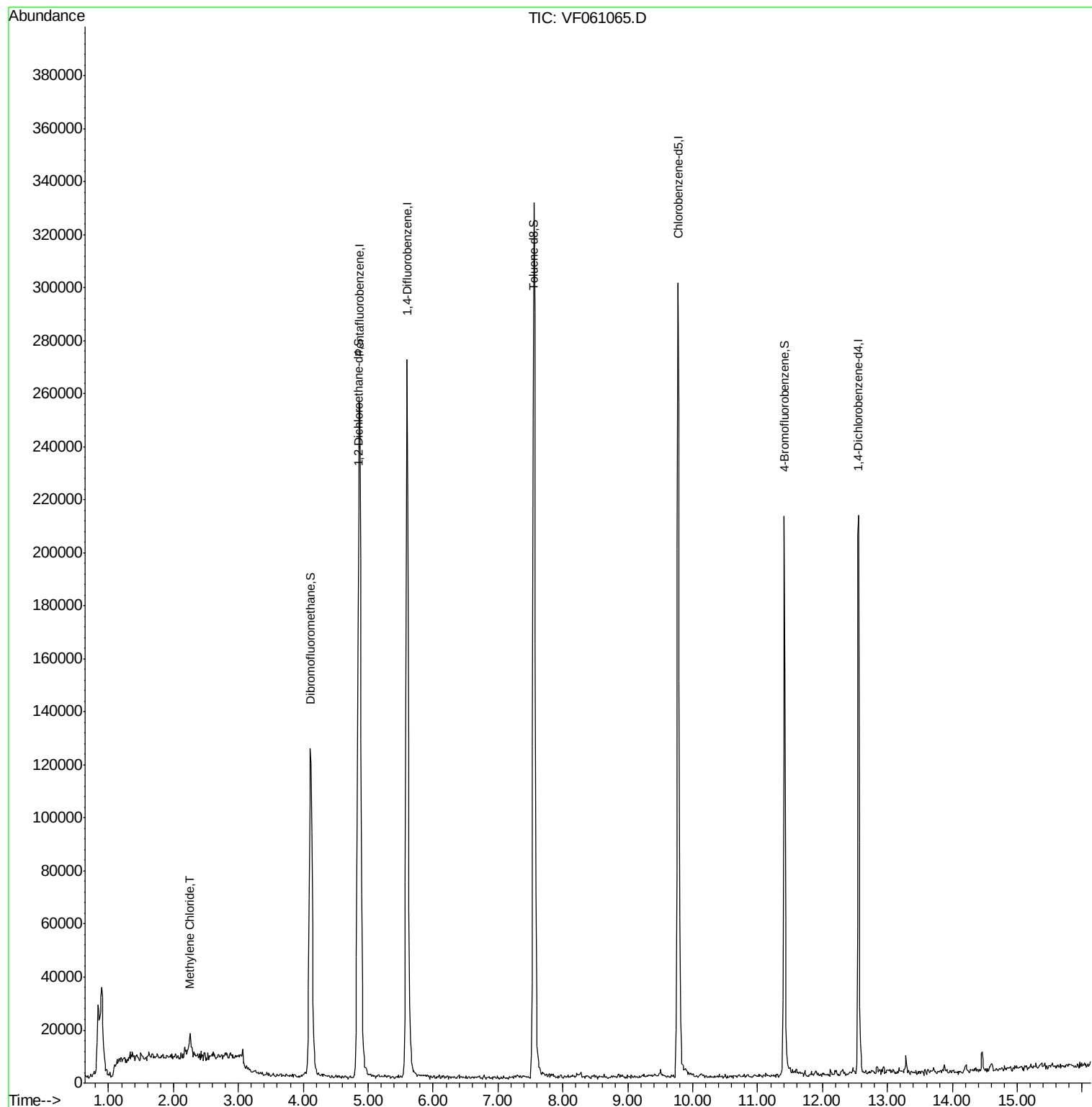
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF121818\
Data File : VF061065.D
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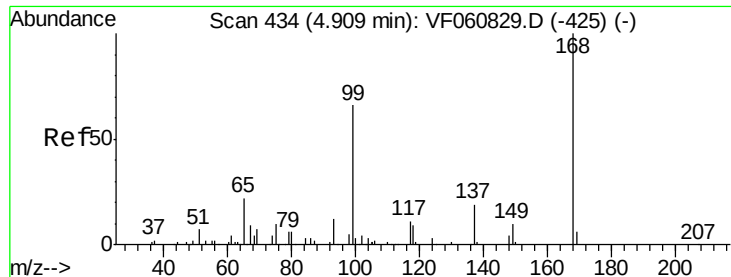
Instrument :
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Quant Time: Dec 19 02:14:17 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_F\METHODS\82F112618S.M
Quant Title : SW846 8260
QLast Update : Tue Nov 27 01:36:26 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.87 min Scan# 430

Delta R.T. -0.04 min

Lab File: VF061065.D

Acq: 18 Dec 2018 16:24

Instrument :

MSVOA_F

ClientSampleId :

290-RT4008-RBR251686RE

Tot Ion:168 Resp: 181330

Ion Ratio Lower Upper

168 100

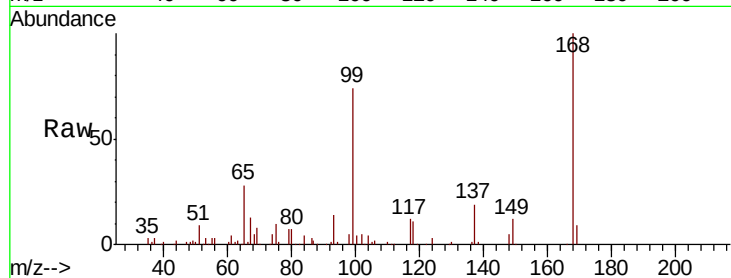
99 74.4 52.6 79.0

Manual Integrations

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Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

4.87

60000

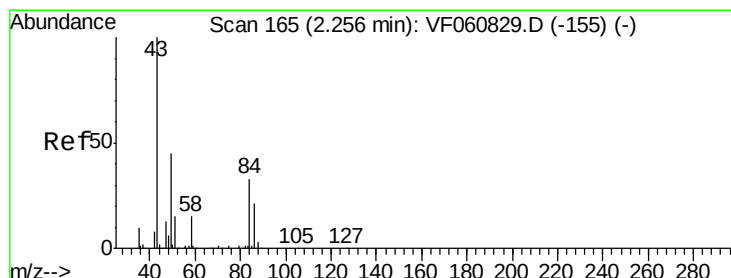
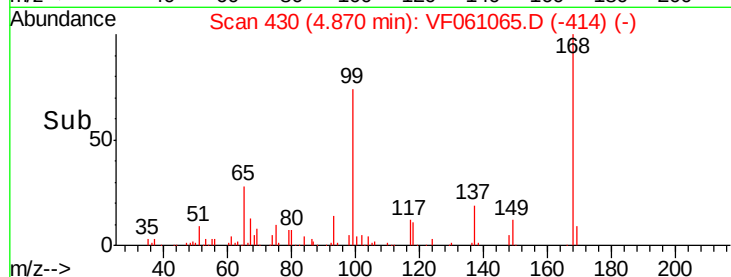
40000

20000

0

Time-->

4.70 4.80 4.90 5.00 5.10



#20

Methylene Chloride

Concen: 3.308 ug/l m

RT: 2.25 min Scan# 164

Delta R.T. -0.01 min

Lab File: VF061065.D

Acq: 18 Dec 2018 16:24

Tgt Ion: 84 Resp: 4780

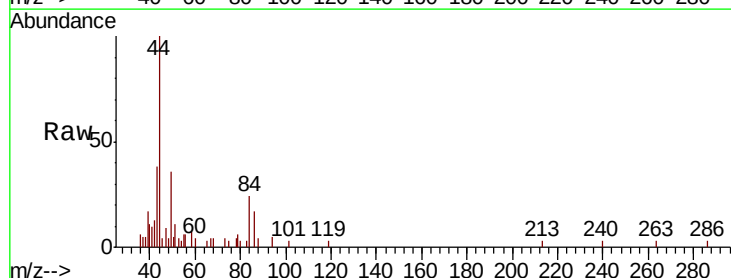
Ion Ratio Lower Upper

84 100

49 149.7 111.3 166.9

51 45.1 38.0 57.0

86 69.8 49.8 74.8



Abundance Ion 84.00 (83.70 to 84.70): VF0

Ion 49.00 (48.70 to 49.70): VF0

Ion 51.00 (50.70 to 51.70): VF0

Ion 86.00 (85.70 to 86.70): VF0

3000

2500

2000

1500

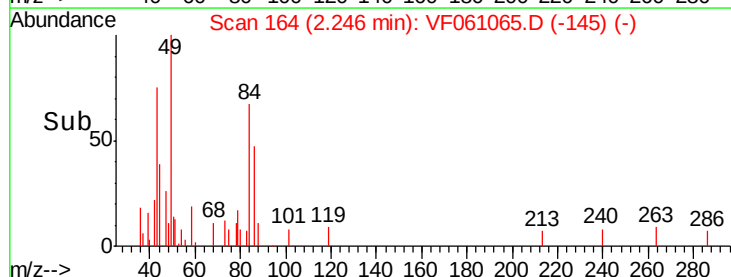
1000

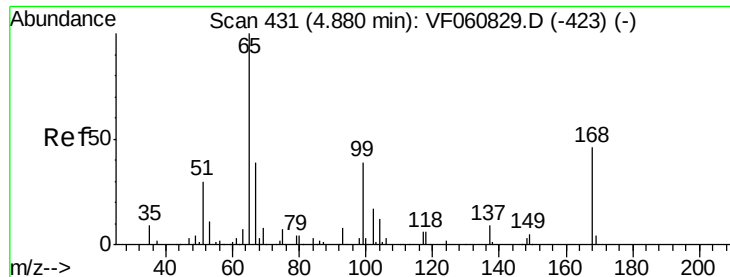
500

0

Time-->

2.10 2.20 2.30





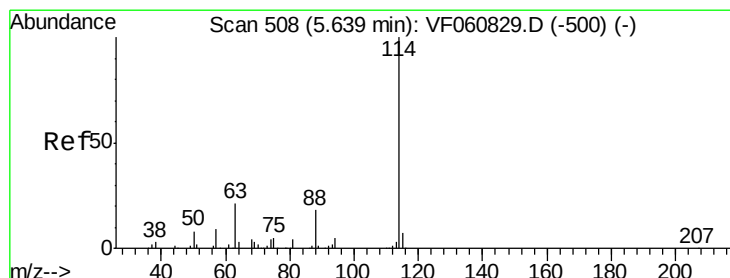
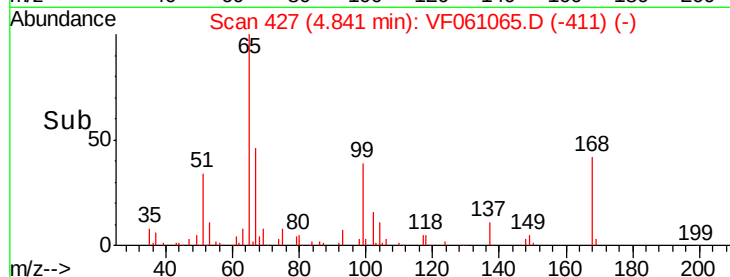
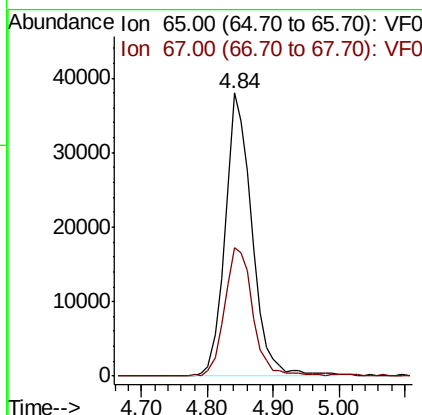
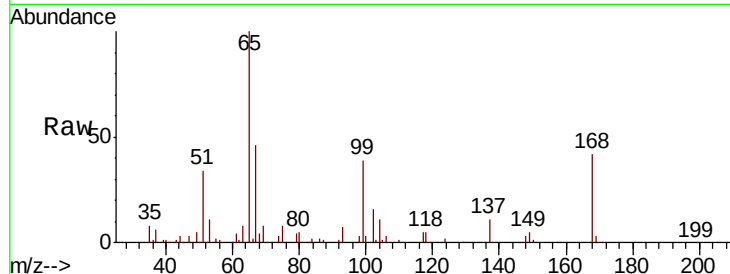
#33
 1,2-Dichloroethane-d4
 Concen: 50.776 ug/l
 RT: 4.84 min Scan# 427
 Delta R.T. -0.04 min
 Lab File: VF061065.D
 Acq: 18 Dec 2018 16:24

Instrument :
 MSVOA_F
 ClientSampleId :
 290-RT4008-RBR251686RE

Tot Ion	Ratio	Lower	Upper
65	100		
67	45.5	0.0	96.4

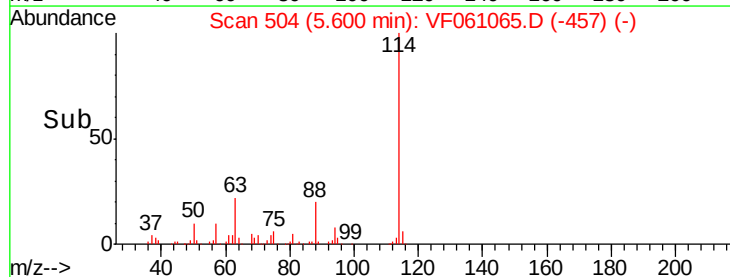
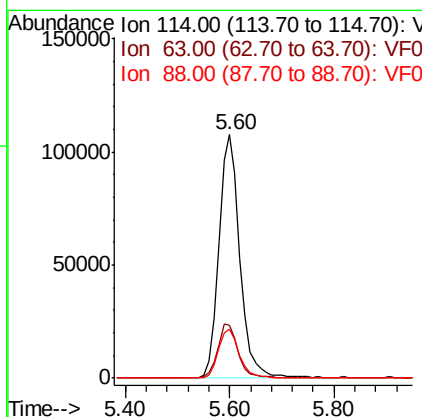
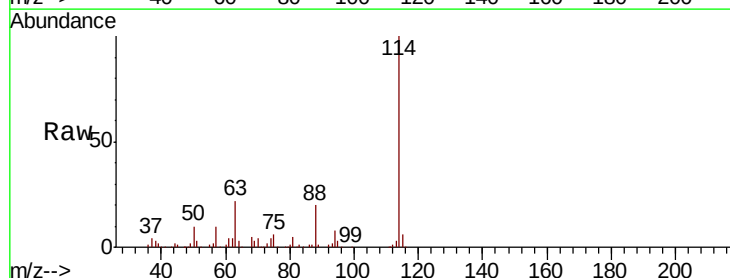
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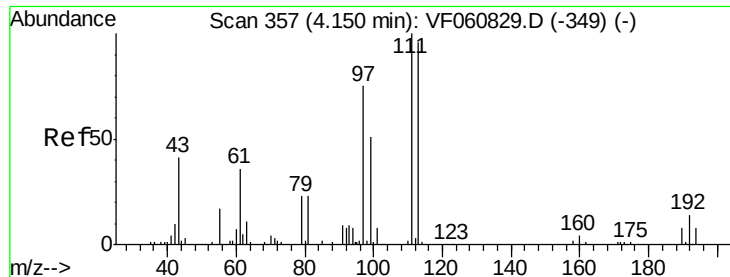
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.60 min Scan# 504
 Delta R.T. -0.04 min
 Lab File: VF061065.D
 Acq: 18 Dec 2018 16:24

Tgt Ion	Ratio	Lower	Upper
114	100		
63	21.6	0.0	41.6
88	20.1	0.0	36.6





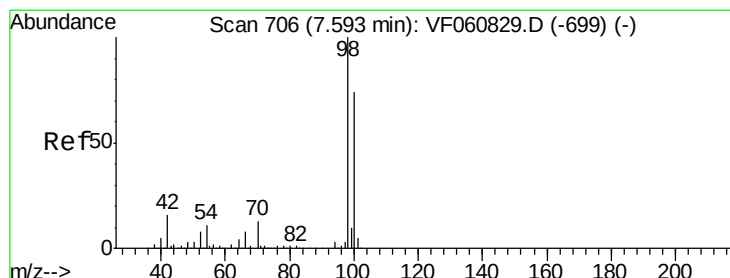
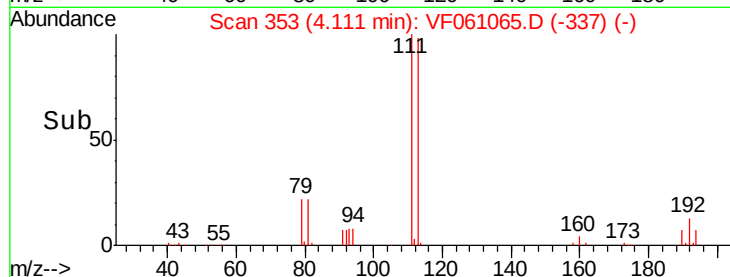
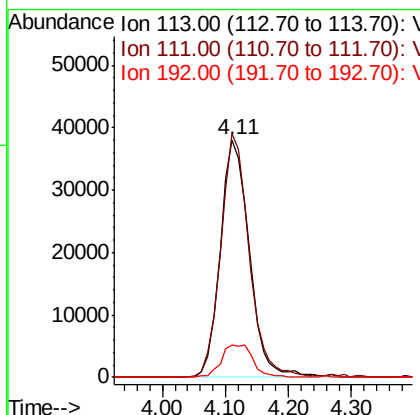
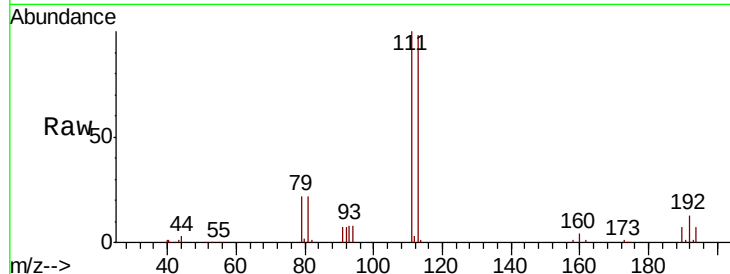
#35
Dibromofluoromethane
Concen: 51.551 ug/l
RT: 4.11 min Scan# 353
Delta R.T. -0.04 min
Lab File: VF061065.D
Acq: 18 Dec 2018 16:24

Instrument :
MSVOA_F
ClientSampleId :
290-RT4008-RBR251686RE

Tot Ion	Ratio	Resp	Lower	Upper
113	100	122288		
111	102.5	83.0	124.6	
192	13.5	12.3	18.5	

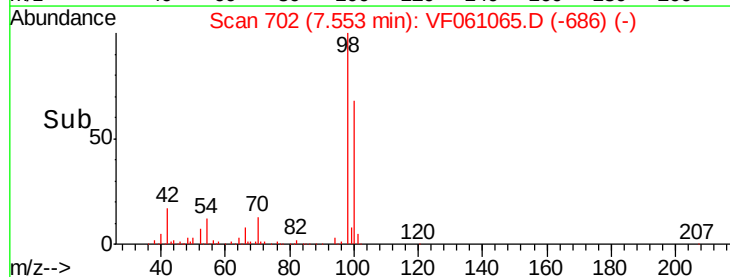
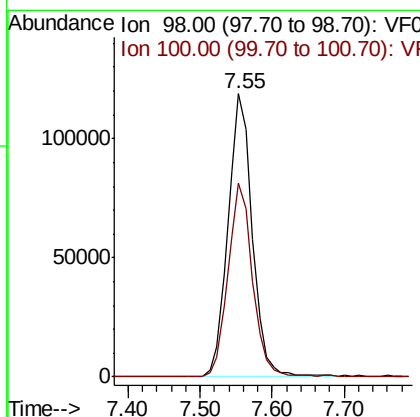
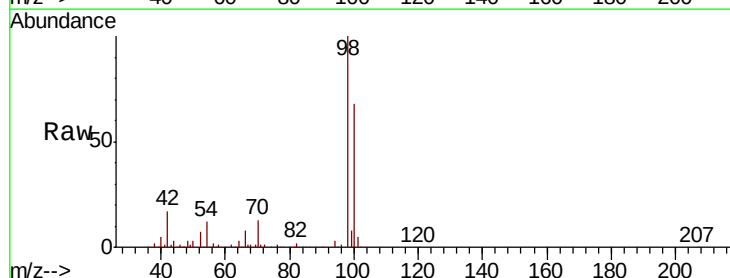
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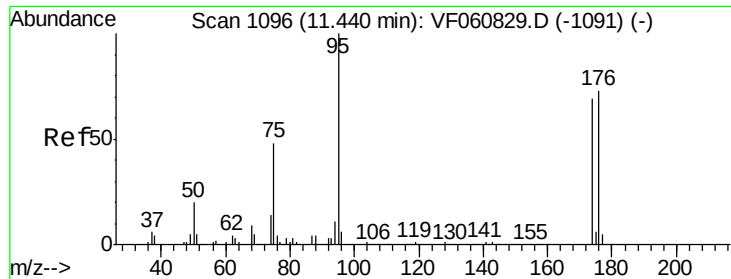
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#50
Toluene-d8
Concen: 40.015 ug/l
RT: 7.55 min Scan# 702
Delta R.T. -0.04 min
Lab File: VF061065.D
Acq: 18 Dec 2018 16:24

Tgt Ion	Ratio	Resp	Lower	Upper
98	100	279613		
100	68.2	59.3	88.9	





#62

4-Bromofluorobenzene

Concen: 25.001 ug/l

RT: 11.41 min Scan# 1093

Delta R.T. -0.03 min

Lab File: VF061065.D

Acq: 18 Dec 2018 16:24

Instrument :

MSVOA_F

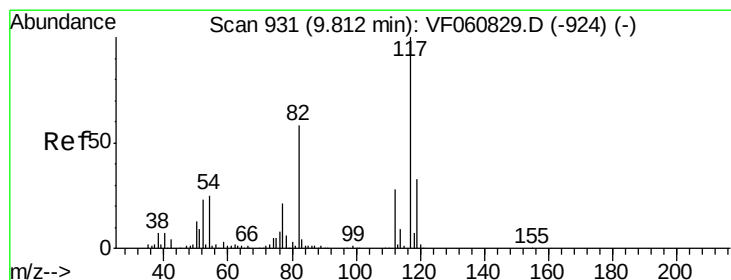
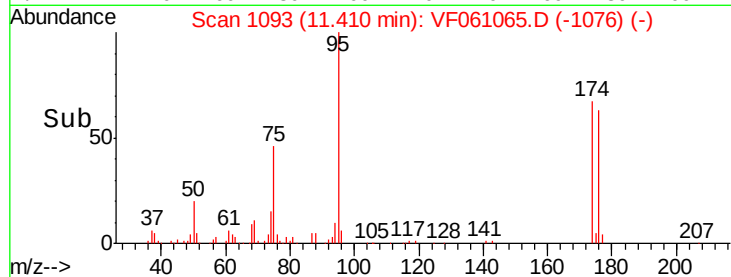
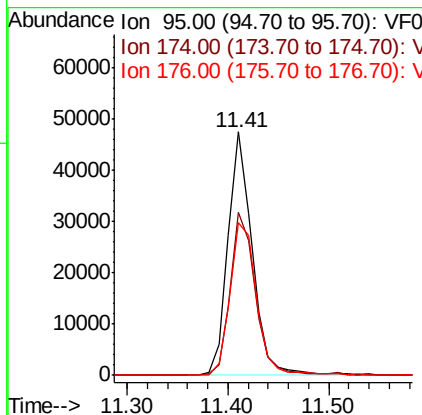
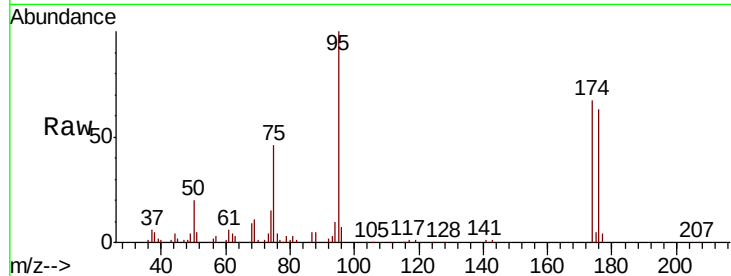
ClientSampleId :

290-RT4008-RBR251686RE

Tot Ion:	95	Resp:	79400
Ion	Ratio	Lower	Upper
95	100		
174	66.7	0.0	138.2
176	62.8	0.0	146.2

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#63

Chlorobenzene-d5

Concen: 50.000 ug/l

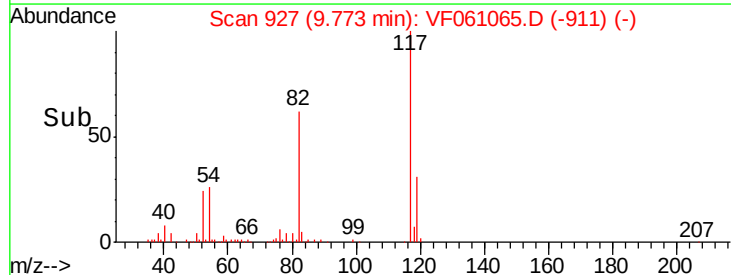
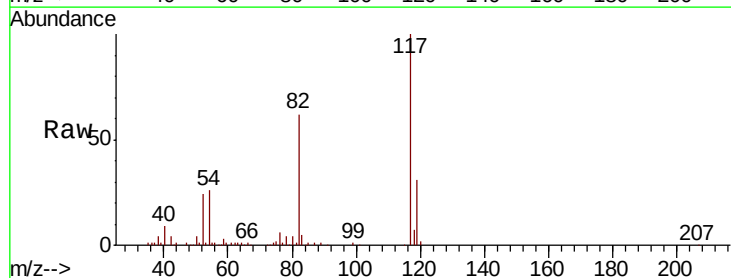
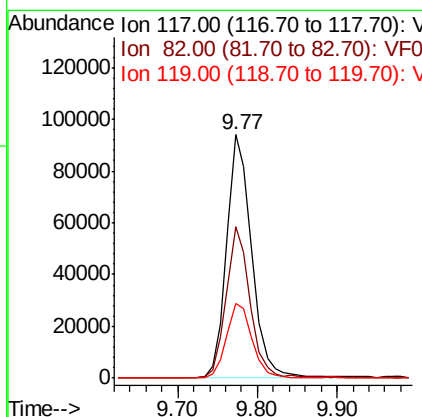
RT: 9.77 min Scan# 927

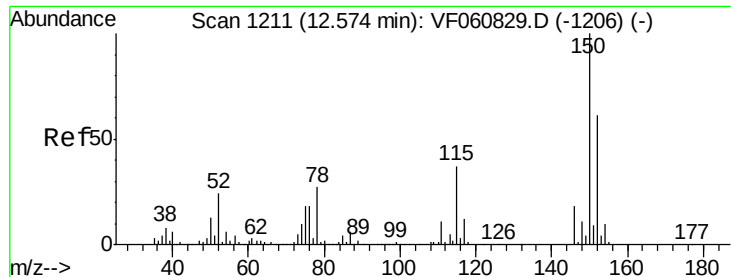
Delta R.T. -0.04 min

Lab File: VF061065.D

Acq: 18 Dec 2018 16:24

Tgt Ion:	117	Resp:	209505
Ion	Ratio	Lower	Upper
117	100		
82	62.1	46.6	69.8
119	30.8	26.4	39.6





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.55 min Scan# 1209

Delta R.T. -0.02 min

Lab File: VF061065.D

Acq: 18 Dec 2018 16:24

Instrument :

MSVOA_F

ClientSampleId :

290-RT4008-RBR251686RE

Tot Ion:	152	Resp:	54761
Ion Ratio	Lower	Upper	
152	100		
115	60.7	30.1	90.5
150	163.9	0.0	327.6

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