

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF121818\
 Data File : VF061066.D
 Acq On : 18 Dec 2018 16:53
 Operator : VA/AP
 Sample : J6391-18RE
 Misc : 5.44G/5mL/MSVOA-F/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 P001-SS018-1218-01RE

Manual Integrations
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Quant Time: Dec 19 02:16:39 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	217915	50.00	ug/l	-0.04
34) 1,4-Difluorobenzene	5.59	114	351255	50.00	ug/l	-0.05
63) Chlorobenzene-d5	9.78	117	257432	50.00	ug/l	-0.04
72) 1,4-Dichlorobenzene-d4	12.55	152	94617	50.00	ug/l	-0.03
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.84	65	110834	43.17	ug/l	-0.04
Spiked Amount 50.000			Recovery	=	86.34%	
35) Dibromofluoromethane	4.11	113	116962	41.97	ug/l	-0.04
Spiked Amount 50.000			Recovery	=	83.94%	
50) Toluene-d8	7.56	98	267788	32.62	ug/l	-0.04
Spiked Amount 50.000			Recovery	=	65.24%	
62) 4-Bromofluorobenzene	11.41	95	97329	26.09	ug/l	-0.03
Spiked Amount 50.000			Recovery	=	52.18%	
Target Compounds						
20) Methylene Chloride	2.25	84	5470m	3.150	ug/l	Qvalue

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

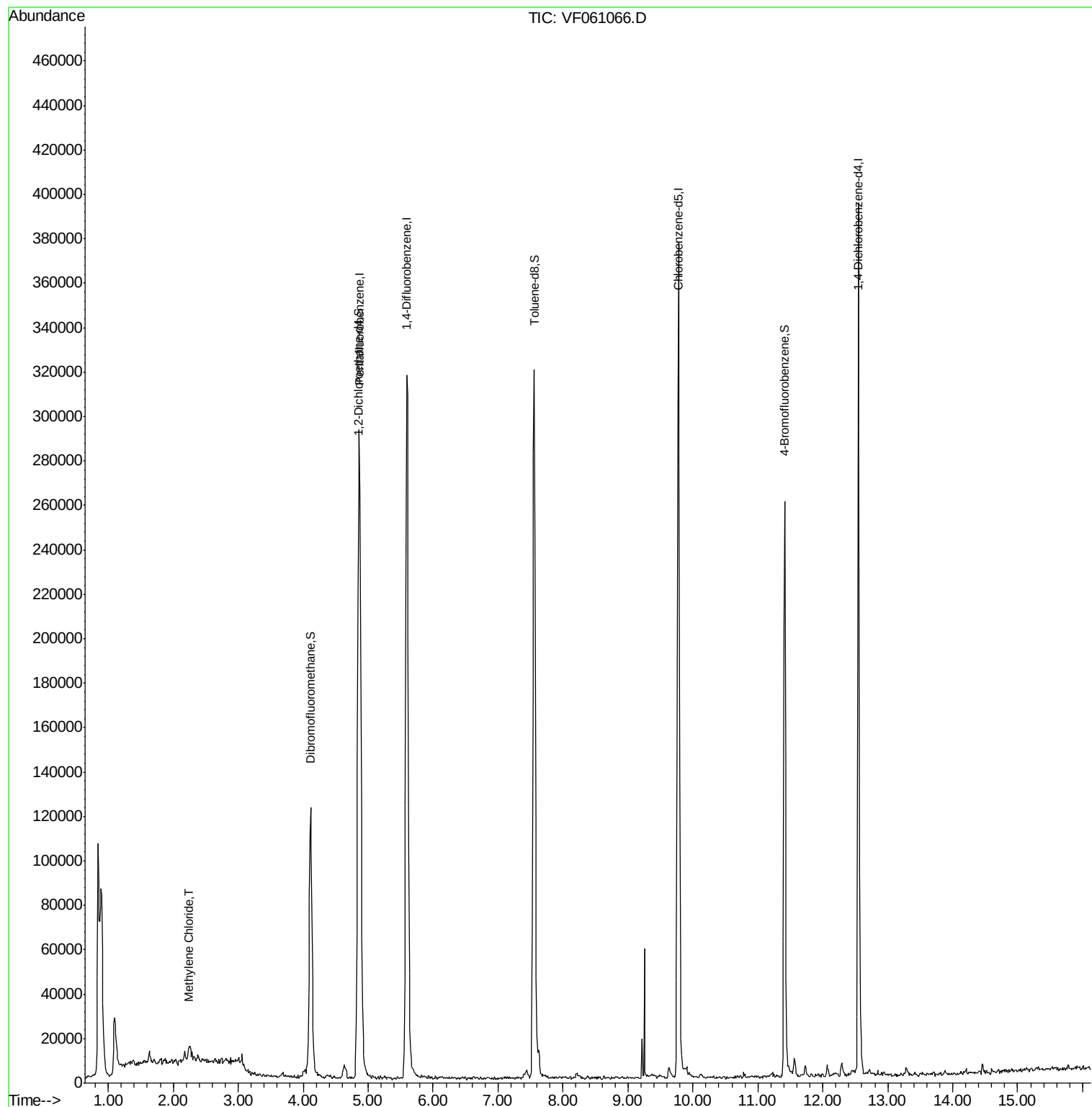
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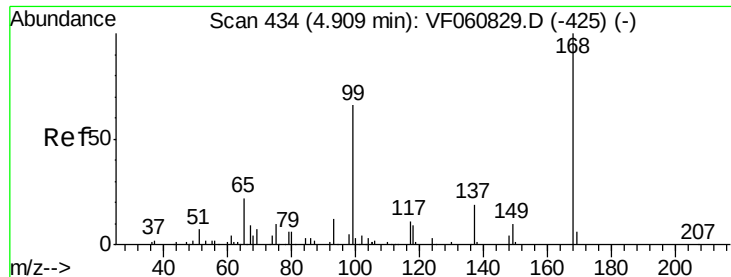
Instrument :
MSVOA_F
ClientSampleId :
P001-SS018-1218-01RE

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Quant Time: Dec 19 02:16:39 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: VF061066.D

Acq: 18 Dec 2018 16:53

Instrument :

MSVOA_F

ClientSampleId :

P001-SS018-1218-01RE

Tot Ion:168 Resp: 217915

Ion Ratio Lower Upper

168 100

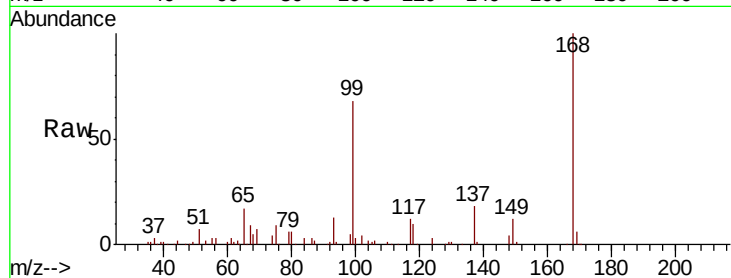
99 67.9 52.6 79.0

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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

80000

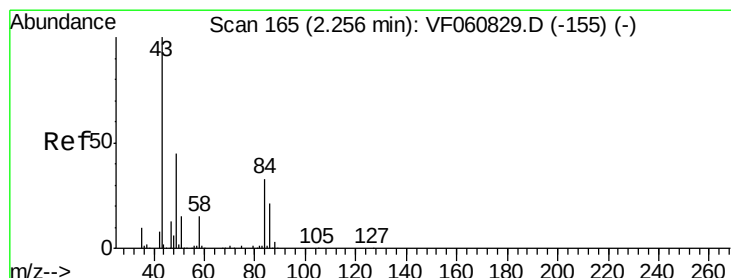
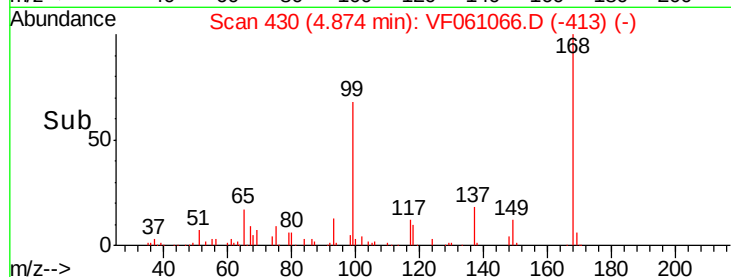
60000

40000

20000

0

Time-->



#20

Methylene Chloride

Concen: 3.150 ug/l m

RT: 2.25 min Scan# 164

Delta R.T. -0.01 min

Lab File: VF061066.D

Acq: 18 Dec 2018 16:53

Tgt Ion: 84 Resp: 5470

Ion Ratio Lower Upper

84 100

49 228.3 111.3 166.9#

51 91.0 38.0 57.0#

86 67.6 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

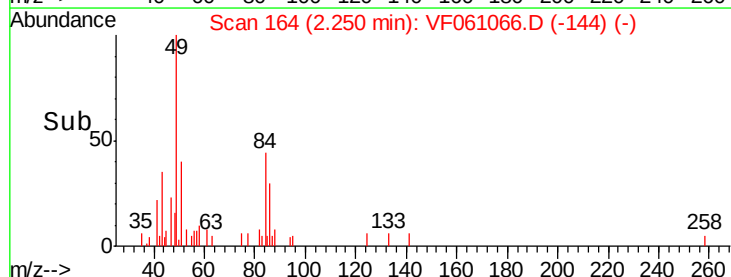
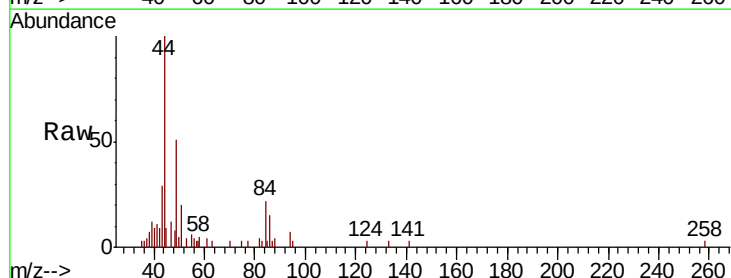
1500

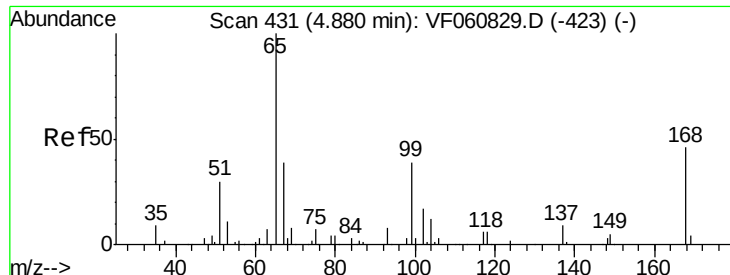
1000

500

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Time-->





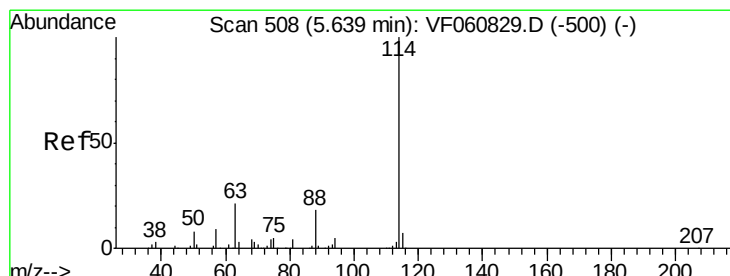
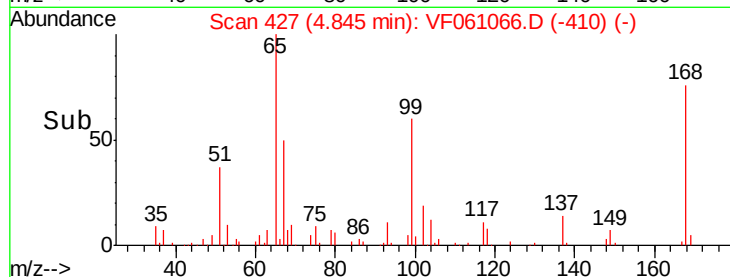
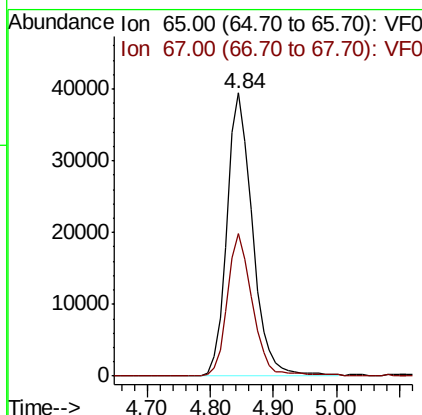
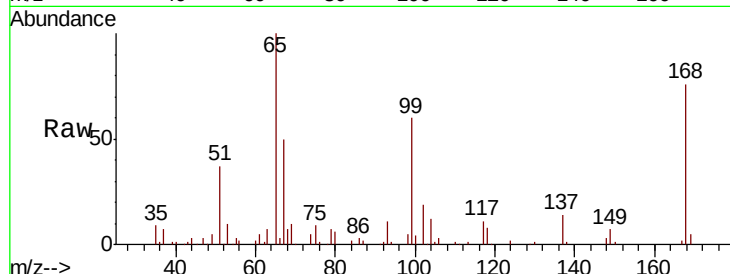
#33
 1,2-Dichloroethane-d4
 Concen: 43.175 ug/l
 RT: 4.84 min Scan# 427
 Delta R.T. -0.04 min
 Lab File: VF061066.D
 Acq: 18 Dec 2018 16:53

Instrument :
 MSVOA_F
 ClientSampleId :
 P001-SS018-1218-01RE

Tot Ion	Ratio	Resp	Lower	Upper
65	100	110834		
67	50.2	0.0	96.4	

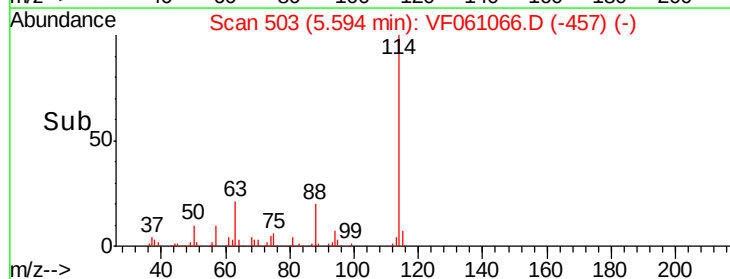
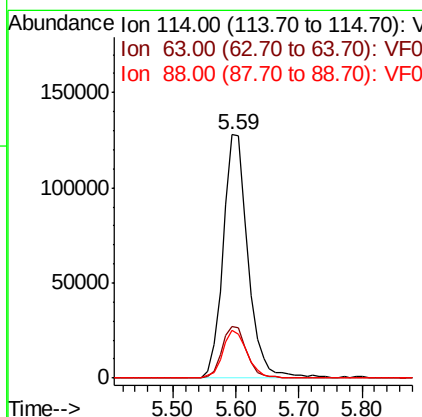
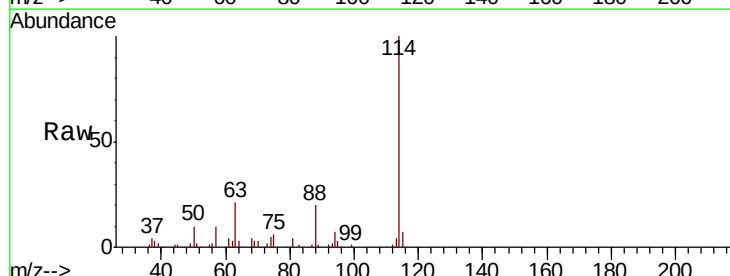
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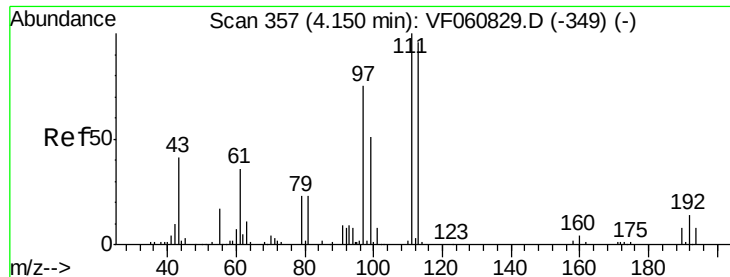
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.59 min Scan# 503
 Delta R.T. -0.05 min
 Lab File: VF061066.D
 Acq: 18 Dec 2018 16:53

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	351255		
63	21.1	0.0	41.6	
88	19.6	0.0	36.6	





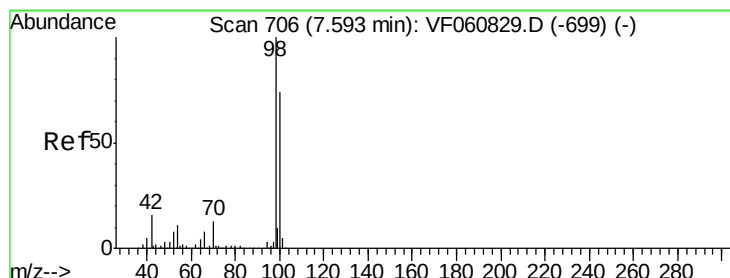
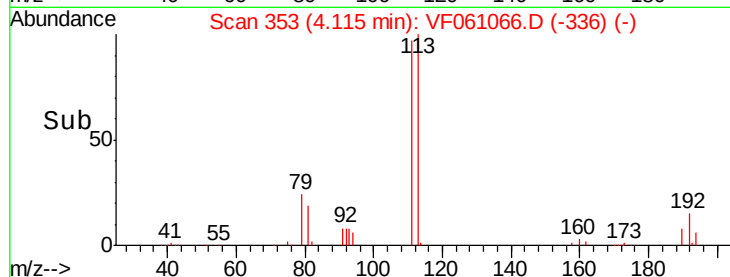
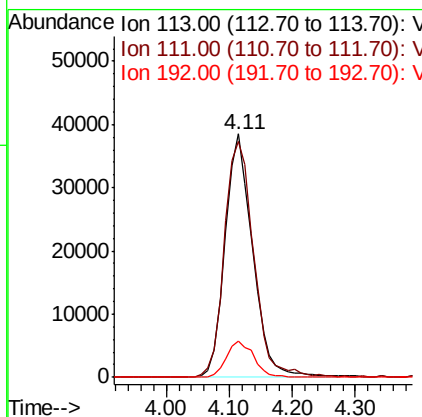
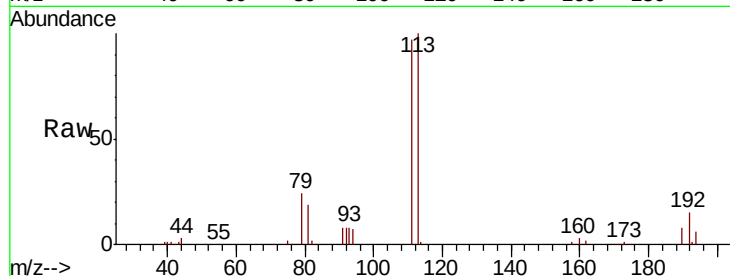
#35
 Dibromofluoromethane
 Concen: 41.973 ug/l
 RT: 4.11 min Scan# 353
 Delta R.T. -0.04 min
 Lab File: VF061066.D
 Acq: 18 Dec 2018 16:53

Instrument :
 MSVOA_F
 ClientSampleId :
 P001-SS018-1218-01RE

Tot Ion	Ratio	Lower	Upper
113	100		
111	97.1	83.0	124.6
192	15.6	12.3	18.5

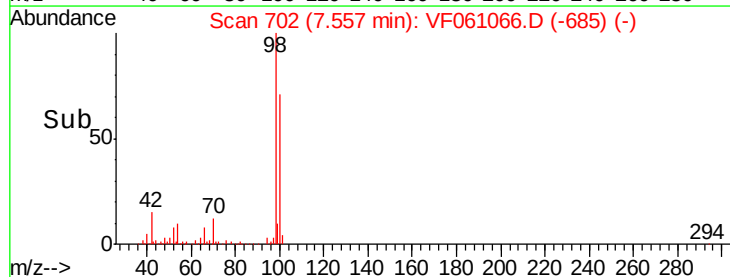
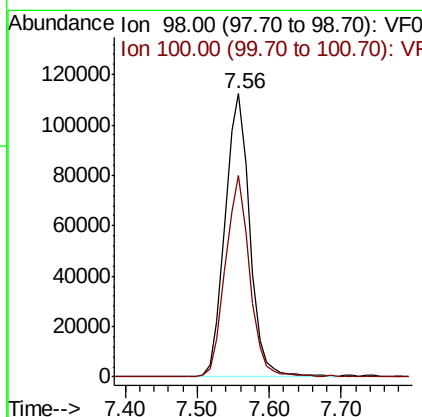
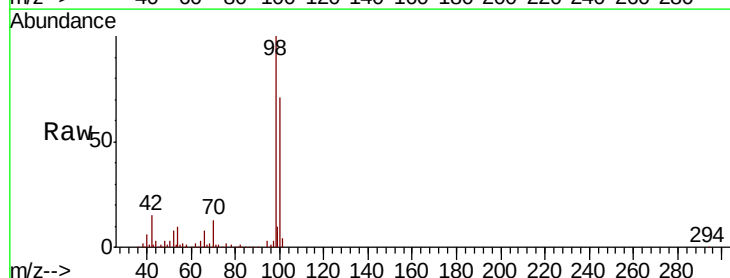
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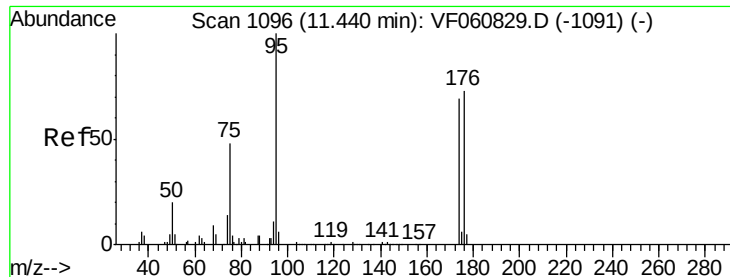
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#50
 Toluene-d8
 Concen: 32.623 ug/l
 RT: 7.56 min Scan# 702
 Delta R.T. -0.04 min
 Lab File: VF061066.D
 Acq: 18 Dec 2018 16:53

Tgt Ion	Ratio	Lower	Upper
98	100		
100	71.0	59.3	88.9





#62

4-Bromofluorobenzene

Concen: 26.089 ug/l

RT: 11.41 min Scan# 1093

Delta R.T. -0.03 min

Lab File: VF061066.D

Acq: 18 Dec 2018 16:53

Instrument :

MSVOA_F

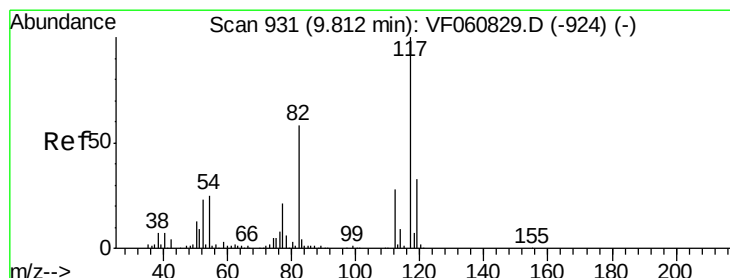
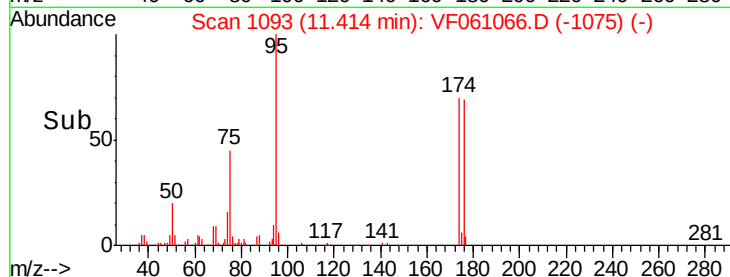
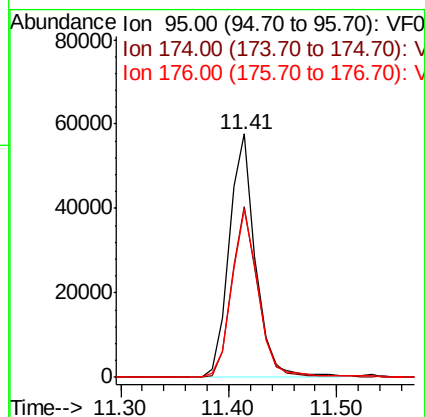
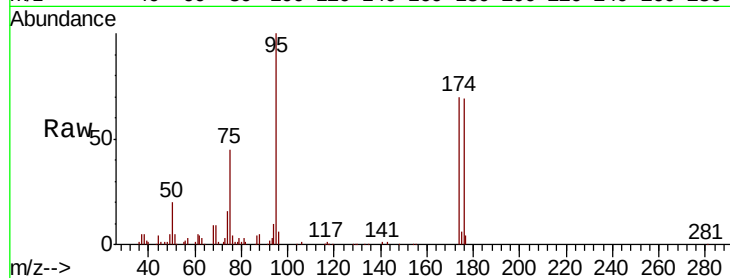
ClientSampleId :

P001-SS018-1218-01RE

Tot Ion:	95	Resp:	97329
Ion	Ratio	Lower	Upper
95	100		
174	70.2	0.0	138.2
176	69.2	0.0	146.2

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#63

Chlorobenzene-d5

Concen: 50.000 ug/l

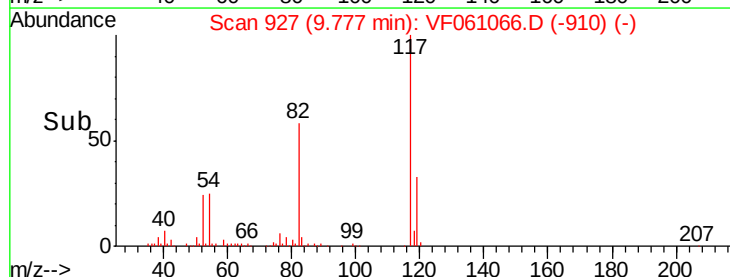
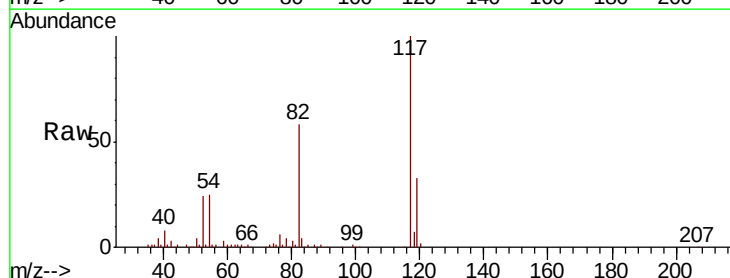
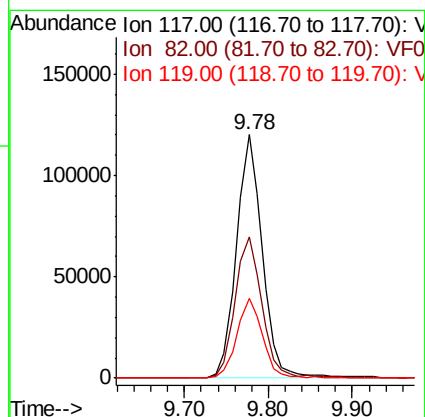
RT: 9.78 min Scan# 927

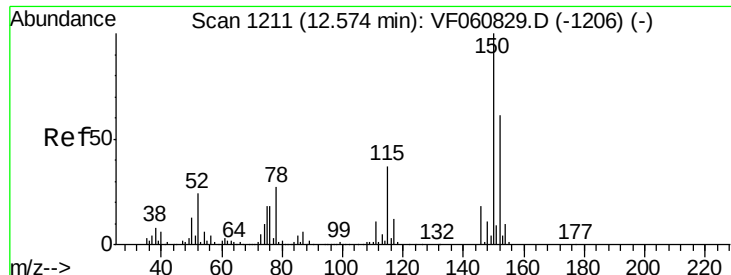
Delta R.T. -0.04 min

Lab File: VF061066.D

Acq: 18 Dec 2018 16:53

Tgt Ion:	117	Resp:	257432
Ion	Ratio	Lower	Upper
117	100		
82	58.2	46.6	69.8
119	32.8	26.4	39.6





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.55 min Scan# 1208

Delta R.T. -0.03 min

Lab File: VF061066.D

Acq: 18 Dec 2018 16:53

Instrument :

MSVOA_F

ClientSampleId :

P001-SS018-1218-01RE

Tot Ion:152 Resp: 94617

Ion Ratio Lower Upper

152 100

115 62.2 30.1 90.5

150 153.6 0.0 327.6

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