

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF112818\
 Data File : VF060862.D
 Acq On : 28 Nov 2018 18:05
 Operator : VA/AP
 Sample : J5767-23
 Misc : 7.42g/5mL/MSVOA-F/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 CL-02-112818-D

Manual Integrations
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Quant Time: Nov 29 04:23:43 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	4.89	168	192244	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	5.62	114	342527	50.00	ug/l	-0.02
63) Chlorobenzene-d5	9.80	117	303468	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.57	152	147183	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.87	65	122663	54.16	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.32%	
35) Dibromofluoromethane	4.14	113	136612	50.27	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.54%	
50) Toluene-d8	7.57	98	337755	42.20	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	84.40%	
62) 4-Bromofluorobenzene	11.43	95	157692	43.35	ug/l	0.00
Spiked Amount 50.000			Recovery	=	86.70%	
Target Compounds						
20) Methylene Chloride	2.28	84	12528m	8.18	ug/l	Qvalue
68) m/p-Xylenes	10.16	106	5870	1.48	ug/l	84

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

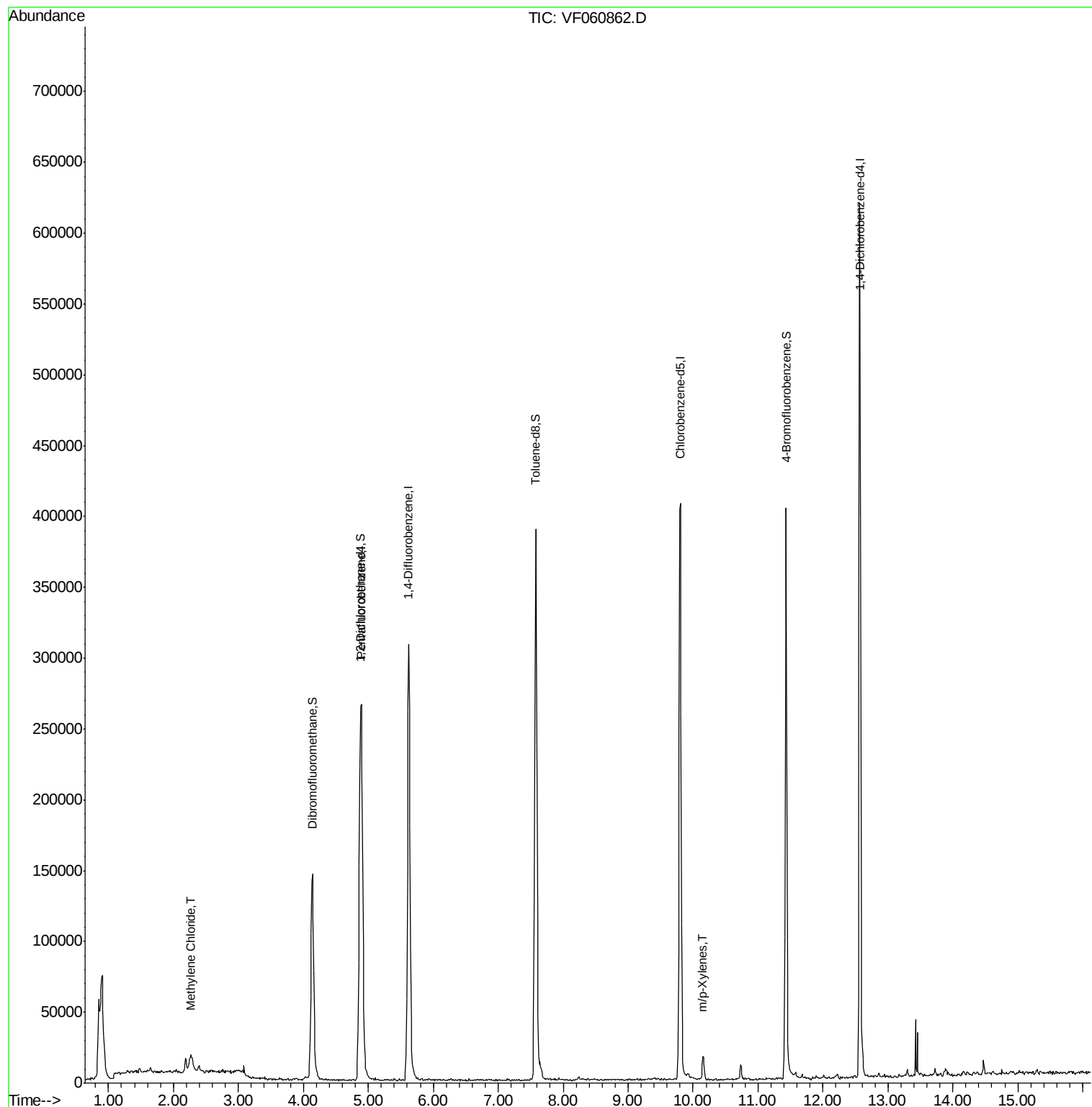
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_F\DATA\VF112818\
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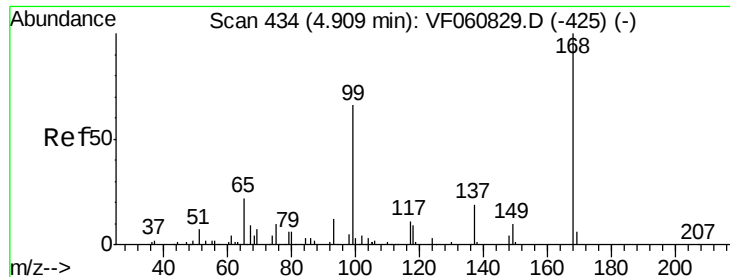
Instrument :
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Quant Time: Nov 29 04:23:43 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_F\METHODS\82F112618S.M
Quant Title : SW846 8260
QLast Update : Tue Nov 27 01:36:26 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 4.89 min Scan# 432

Delta R.T. -0.02 min

Lab File: VF060862.D

Acq: 28 Nov 2018 18:05

Instrument :

MSVOA_F

ClientSampleId :

CL-02-112818-D

Tgt Ion: 168 Resp: 192244

Ion Ratio Lower Upper

168 100

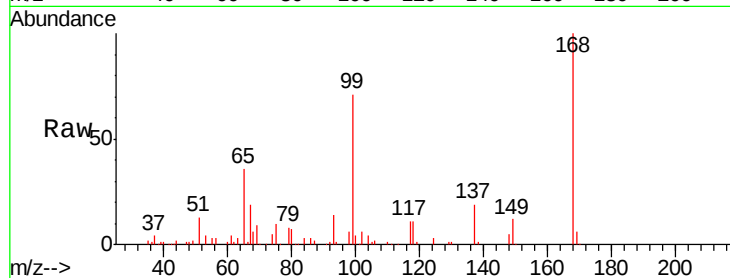
99 71.5 52.6 79.0

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

4.89

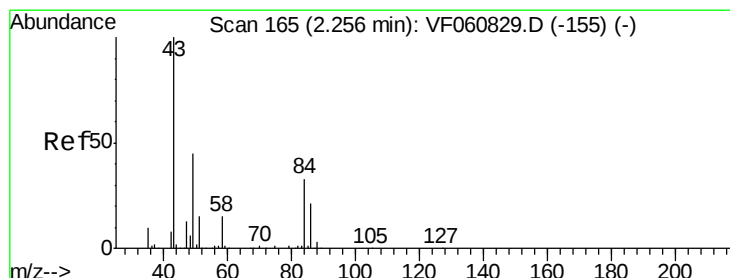
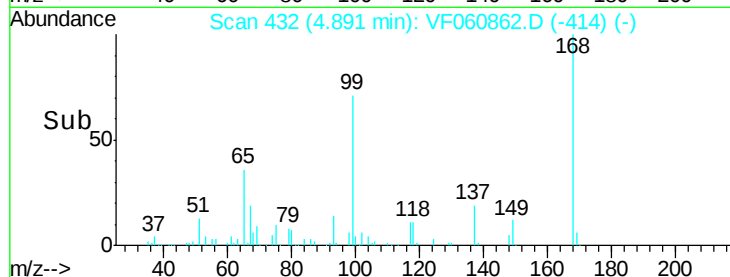
60000

40000

20000

0

Time-->



#20

Methylene Chloride

Concen: 8.18 ug/l m

RT: 2.28 min Scan# 167

Delta R.T. 0.02 min

Lab File: VF060862.D

Acq: 28 Nov 2018 18:05

Tgt Ion: 84 Resp: 12528

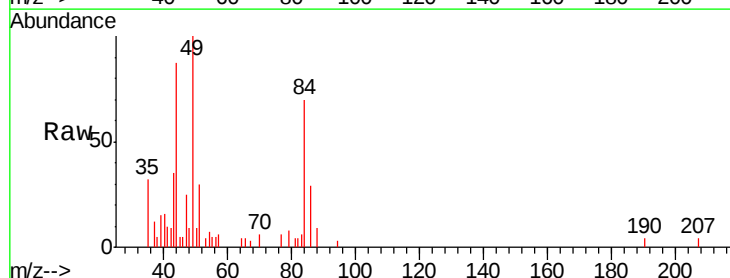
Ion Ratio Lower Upper

84 100

49 141.9 111.3 166.9

51 42.4 38.0 57.0

86 40.9 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

4000

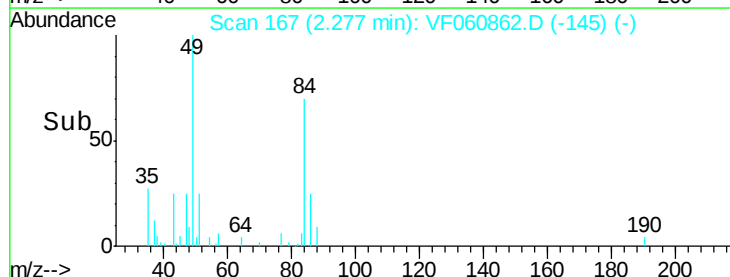
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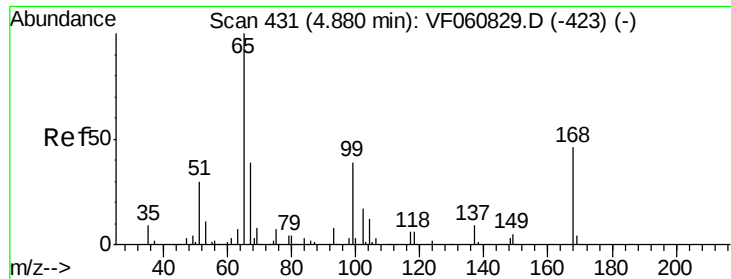
2000

1000

0

Time-->





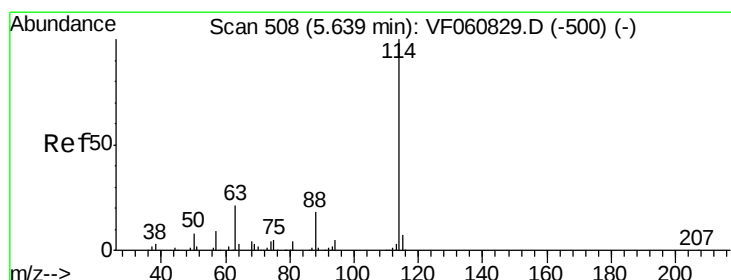
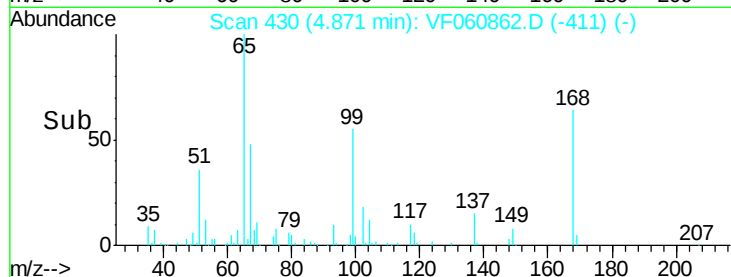
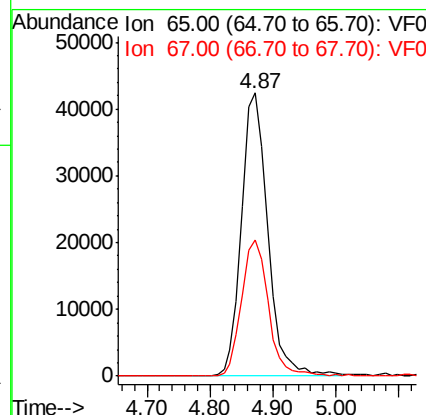
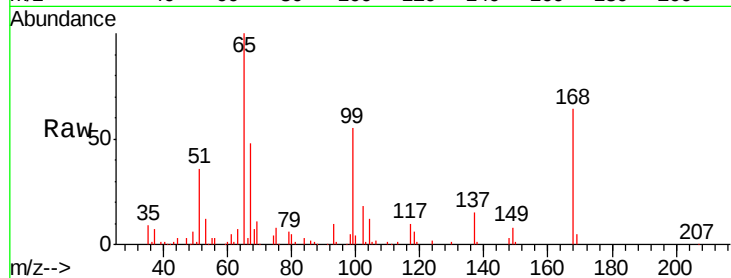
#33
 1,2-Dichloroethane-d4
 Concen: 54.16 ug/l
 RT: 4.87 min Scan# 430
 Delta R.T. -0.01 min
 Lab File: VF060862.D
 Acq: 28 Nov 2018 18:05

Instrument :
 MSVOA_F
 ClientSampleId :
 CL-02-112818-D

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	122663		
67	48.3	0.0	96.4	

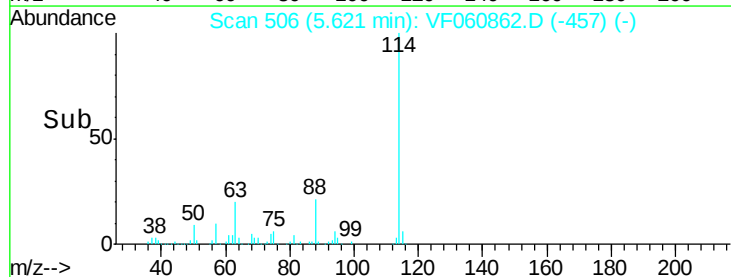
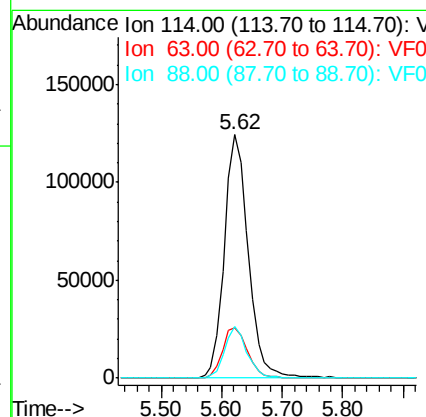
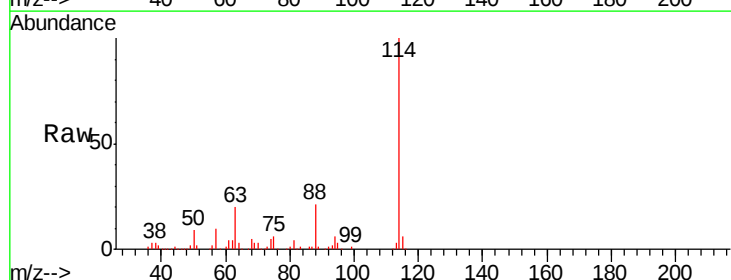
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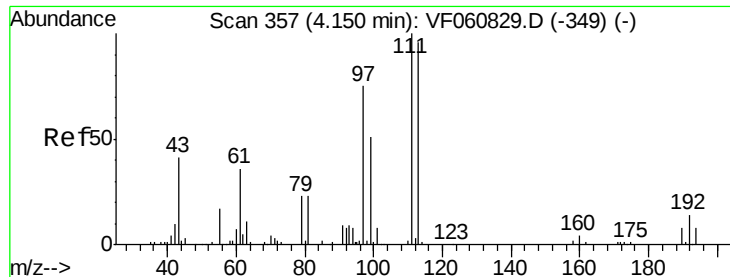
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#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 5.62 min Scan# 506
 Delta R.T. -0.02 min
 Lab File: VF060862.D
 Acq: 28 Nov 2018 18:05

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	342527		
63	20.4	0.0	41.6	
88	21.2	0.0	36.6	





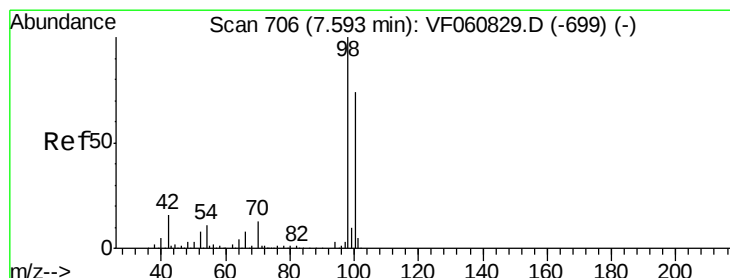
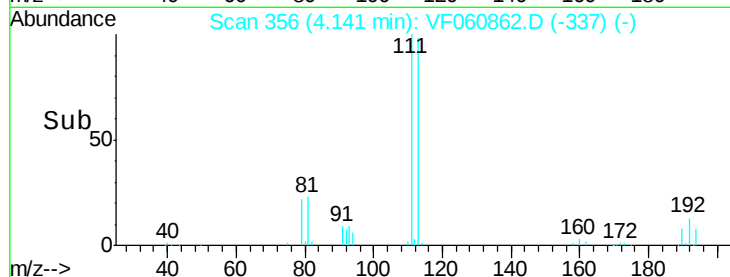
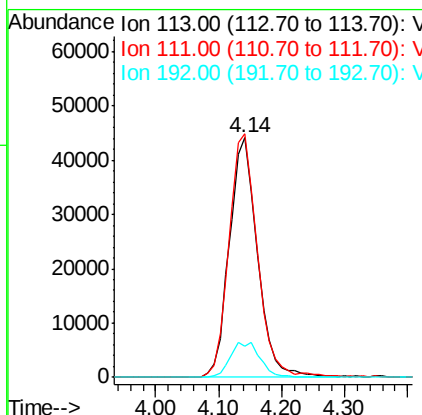
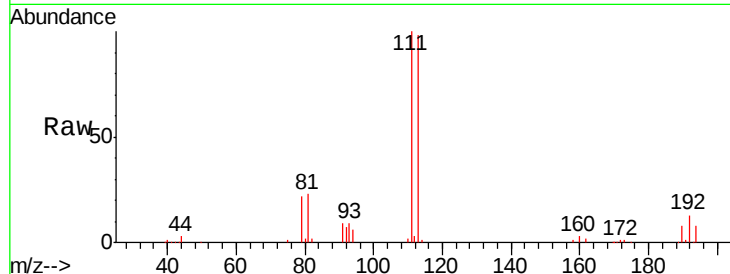
#35
Dibromofluoromethane
Concen: 50.27 ug/l
RT: 4.14 min Scan# 356
Delta R.T. -0.01 min
Lab File: VF060862.D
Acq: 28 Nov 2018 18:05

Instrument :
MSVOA_F
ClientSampleId :
CL-02-112818-D

Tgt Ion	Ratio	Resp	Lower	Upper
113	100	136612		
111	101.6	83.0	124.6	
192	13.2	12.3	18.5	

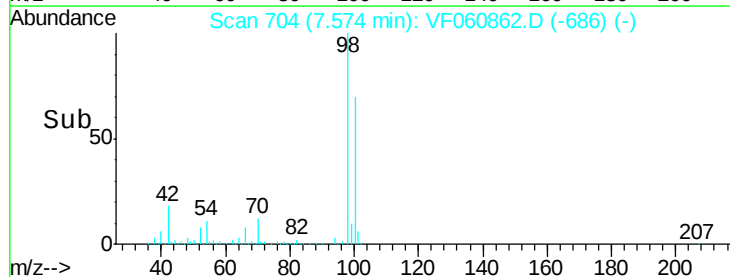
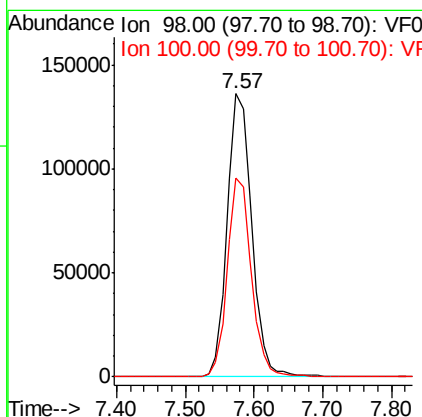
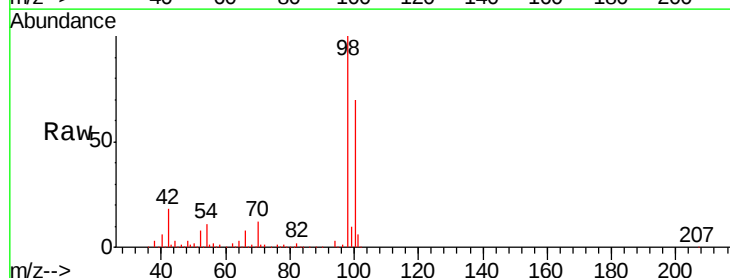
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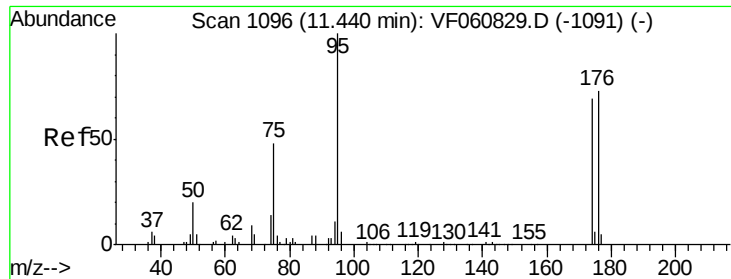
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#50
Toluene-d8
Concen: 42.20 ug/l
RT: 7.57 min Scan# 704
Delta R.T. -0.02 min
Lab File: VF060862.D
Acq: 28 Nov 2018 18:05

Tgt Ion	Ratio	Resp	Lower	Upper
98	100	337755		
100	70.2	59.3	88.9	





#62

4-Bromofluorobenzene

Concen: 43.35 ug/l

RT: 11.43 min Scan# 1095

Delta R.T. -0.01 min

Lab File: VF060862.D

Acq: 28 Nov 2018 18:05

Instrument :

MSVOA_F

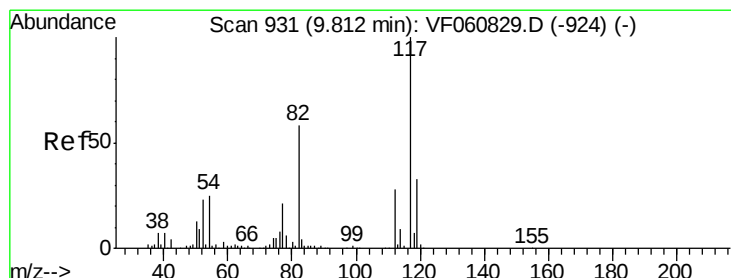
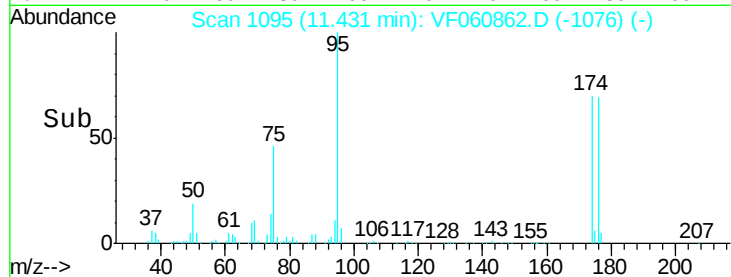
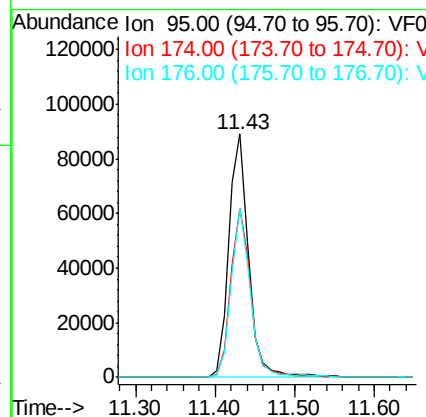
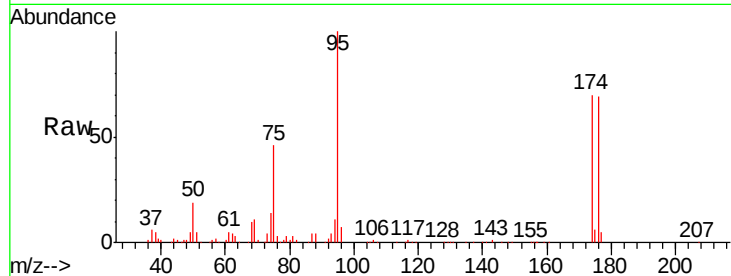
ClientSampleId :

CL-02-112818-D

Tgt Ion:	95	Resp:	157692
Ion Ratio	Lower	Upper	
95	100		
174	69.8	0.0	138.2
176	69.4	0.0	146.2

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#63

Chlorobenzene-d5

Concen: 50.00 ug/l

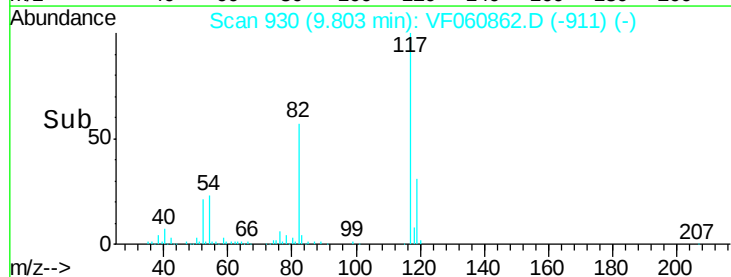
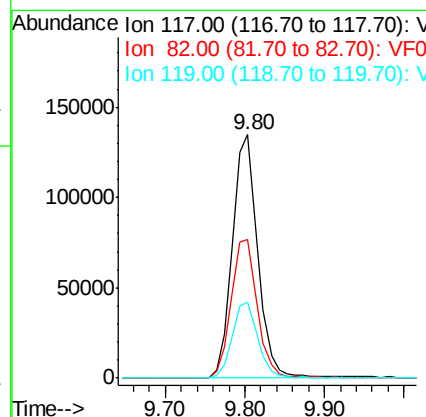
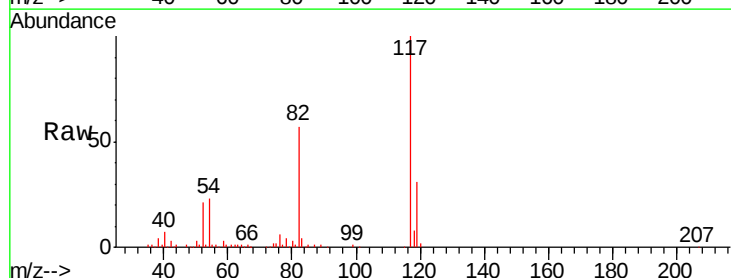
RT: 9.80 min Scan# 930

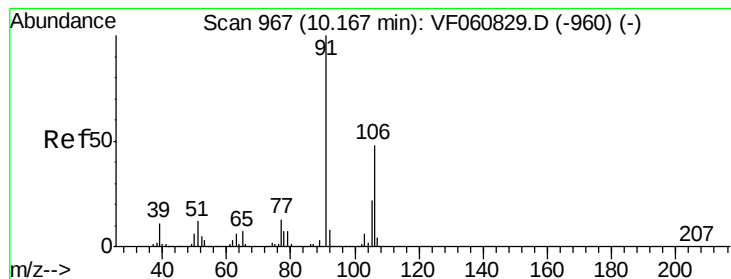
Delta R.T. -0.01 min

Lab File: VF060862.D

Acq: 28 Nov 2018 18:05

Tgt Ion:	117	Resp:	303468
Ion Ratio	Lower	Upper	
117	100		
82	56.7	46.6	69.8
119	31.1	26.4	39.6





#68

m/p-Xylenes

Concen: 1.48 ug/l

RT: 10.16 min Scan# 966

Delta R.T. -0.01 min

Lab File: VF060862.D

Acq: 28 Nov 2018 18:05

Instrument :

MSVOA_F

ClientSampleId :

CL-02-112818-D

Tgt Ion:106 Resp: 5870

Ion Ratio Lower Upper

106 100

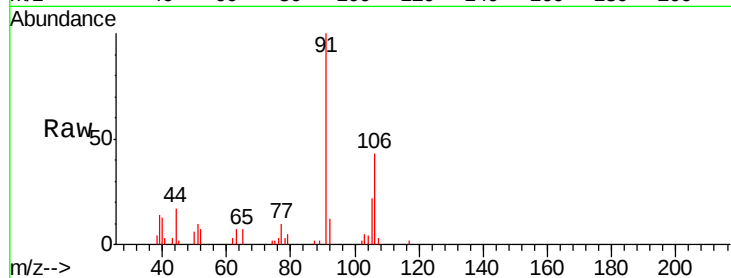
91 232.7 166.7 250.1

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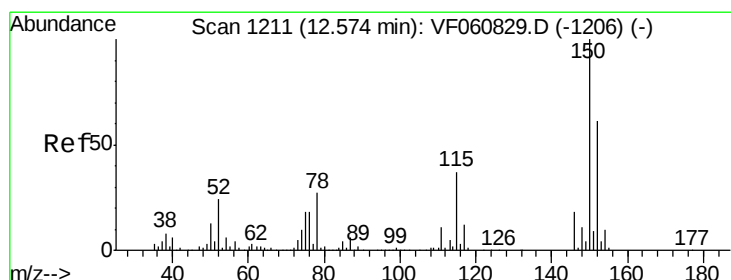
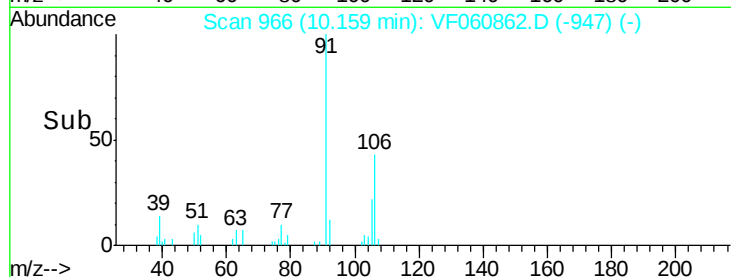
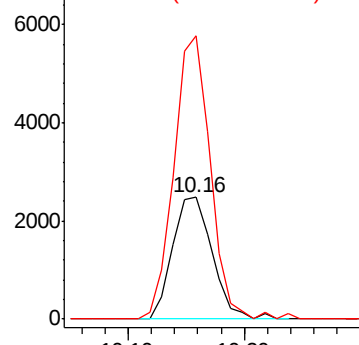
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Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VF0



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.57 min Scan# 1210

Delta R.T. -0.01 min

Lab File: VF060862.D

Acq: 28 Nov 2018 18:05

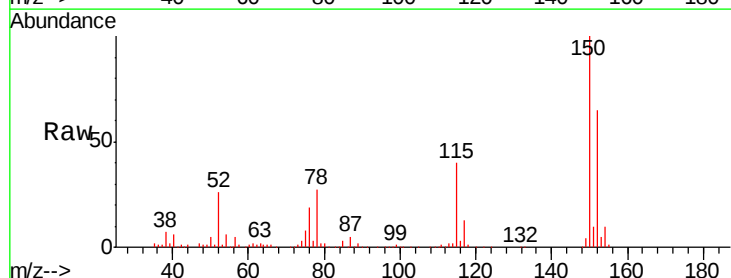
Tgt Ion:152 Resp: 147183

Ion Ratio Lower Upper

152 100

115 62.0 30.1 90.5

150 154.2 0.0 327.6



Abundance Ion 152.00 (151.70 to 152.70): V

Ion 115.00 (114.70 to 115.70): V

Ion 150.00 (149.70 to 150.70): V

