

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF062218\
 Data File : VF059296.D
 Acq On : 23 Jun 2018 1:38
 Operator : VA/AP
 Sample : J3605-06
 Misc : 6.59g/5mL/MSVOA-F/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 S-5(6.5-7)

Manual Integrations
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 6/24/2018 11:35:18 AM

Quant Time: Jun 23 05:16:31 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F062118S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 22 05:22:31 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.03	168	172475	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	5.75	114	272686	50.00	ug/l	-0.01
63) Chlorobenzene-d5	9.91	117	283990	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.62	152	178097	50.00	ug/l	-0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.01	65	132471	53.51	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.02%	
35) Dibromofluoromethane	4.29	113	118103	51.48	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	102.96%	
50) Toluene-d8	7.71	98	278352	47.70	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.40%	
62) 4-Bromofluorobenzene	11.50	95	157615	48.71	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	97.42%	
Target Compounds						
20) Methylene Chloride	2.26	84	14364m	10.62	ug/l	Qvalue
64) Tetrachloroethene	8.30	164	20413	9.36	ug/l	86

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

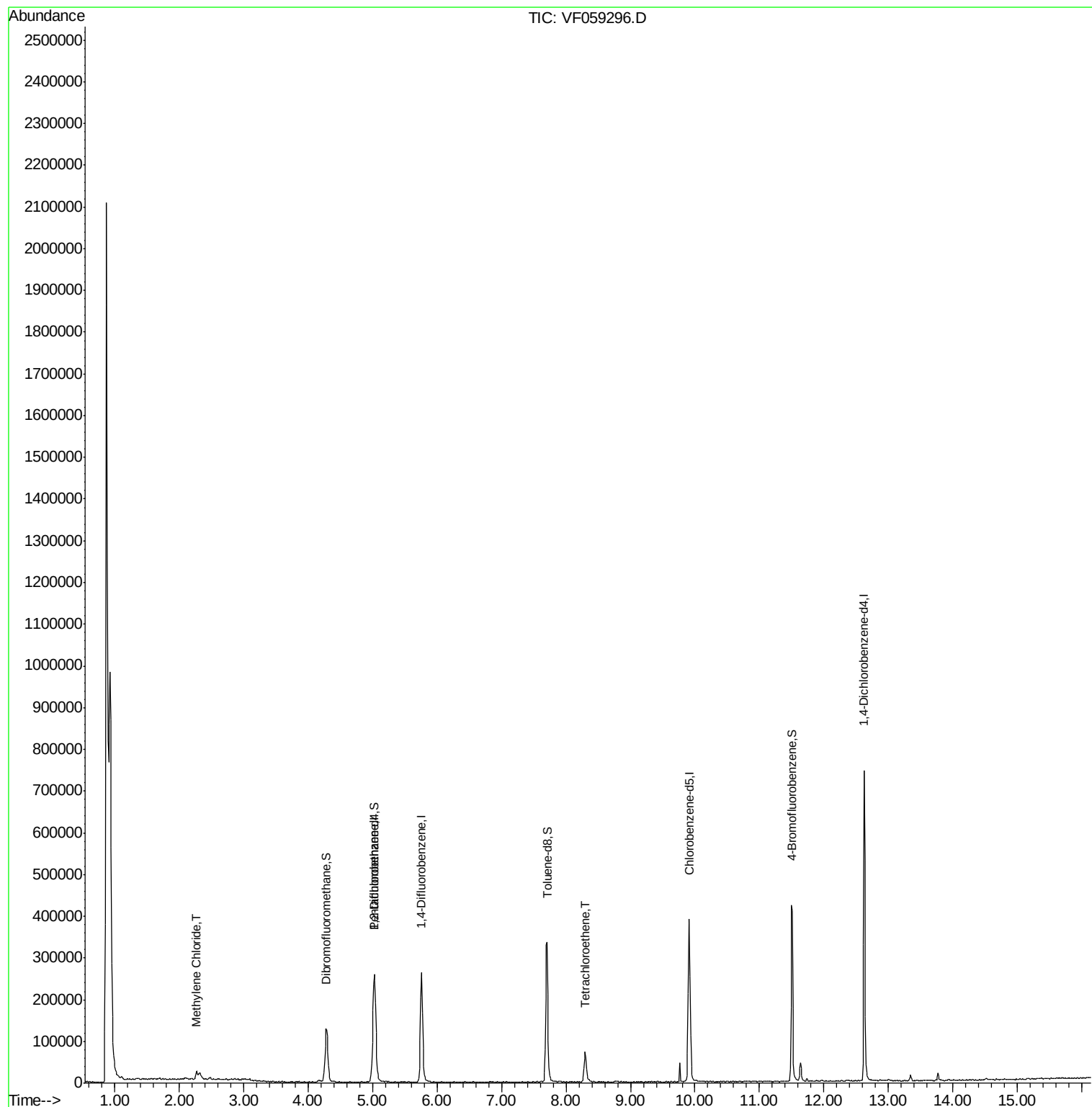
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF062218\
Data File : VF059296.D
Acq On : 23 Jun 2018 1:38
Operator : VA/AP
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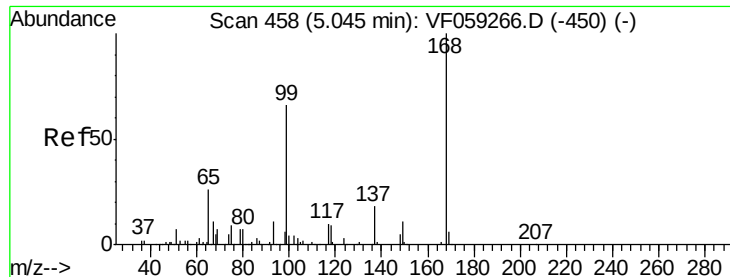
Instrument :
MSVOA_F
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S-5(6.5-7)

Manual Integrations
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Quant Time: Jun 23 05:16:31 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_F\METHODS\82F062118S.M
Quant Title : SW846 8260
QLast Update : Fri Jun 22 05:22:31 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.03 min Scan# 457

Delta R.T. -0.01 min

Lab File: VF059296.D

Acq: 23 Jun 2018 1:38

Instrument :

MSVOA_F

ClientSampleId :

S-5(6.5-7)

Tot Ion:168 Resp: 172475

Ion Ratio Lower Upper

168 100

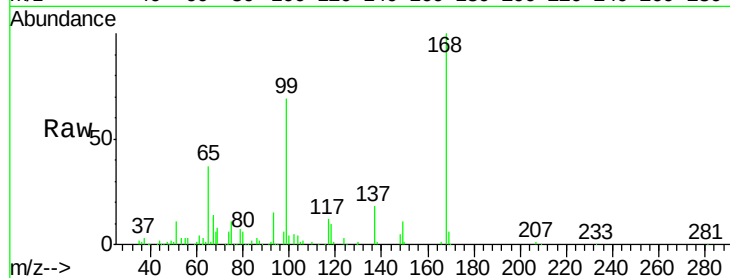
99 69.4 52.6 78.8

Manual Integrations

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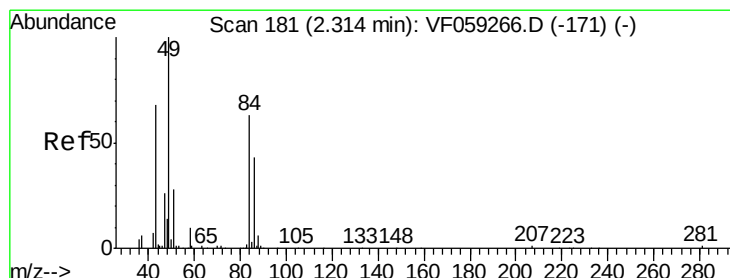
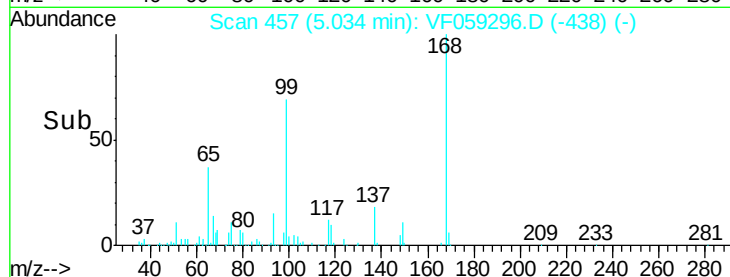
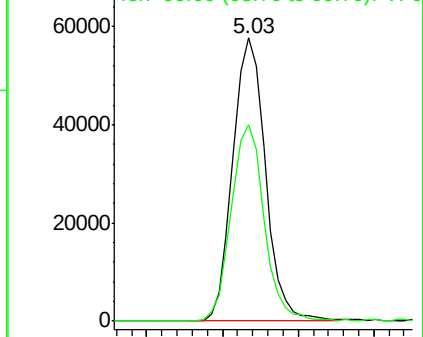
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Abundance Ion 168.00 (167.70 to 168.70): V

Ion 99.00 (98.70 to 99.70): VF0



#20

Methylene Chloride

Concen: 10.62 ug/l m

RT: 2.26 min Scan# 176

Delta R.T. -0.05 min

Lab File: VF059296.D

Acq: 23 Jun 2018 1:38

Tgt Ion: 84 Resp: 14364

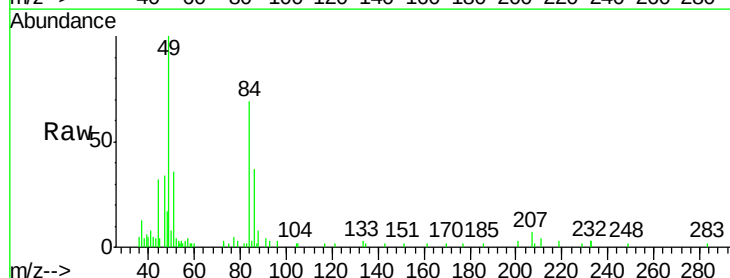
Ion Ratio Lower Upper

84 100

49 145.3 130.0 195.0

51 52.9 36.6 55.0

86 53.1 55.1 82.7#

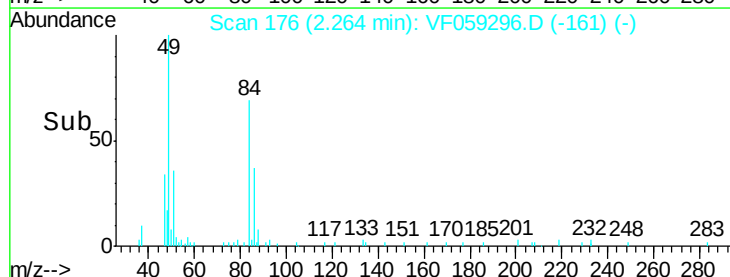
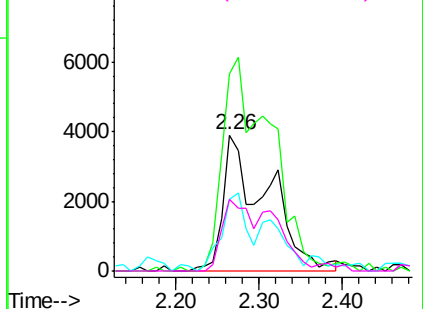


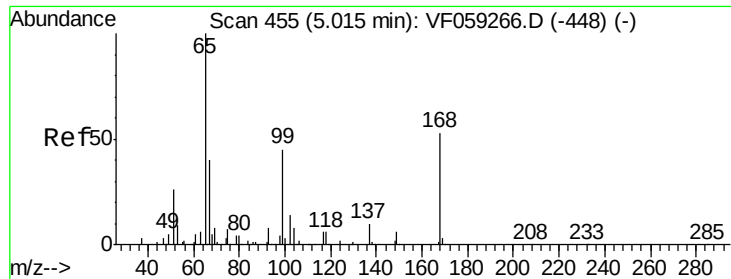
Abundance Ion 84.00 (83.70 to 84.70): VF0

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





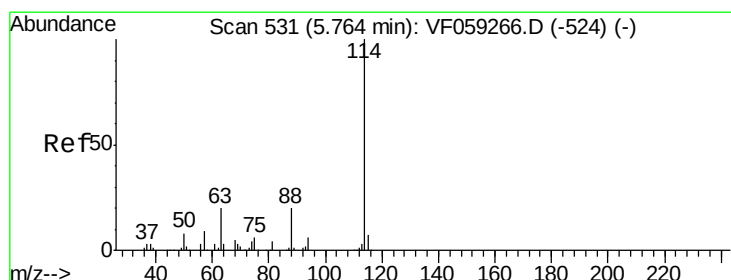
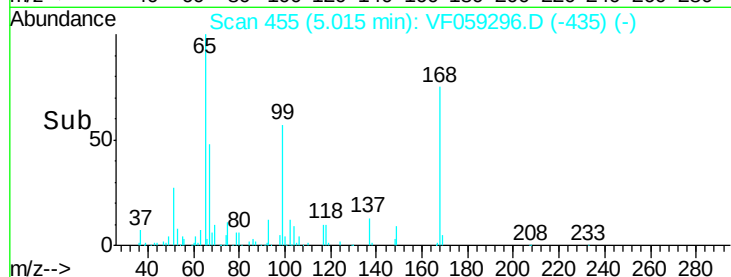
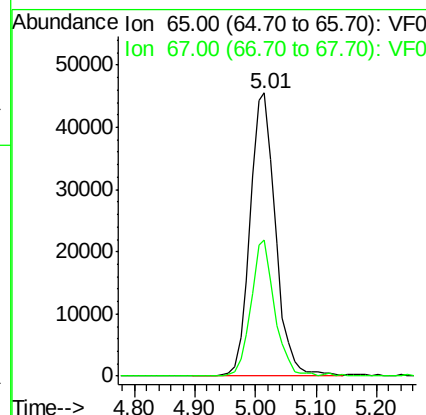
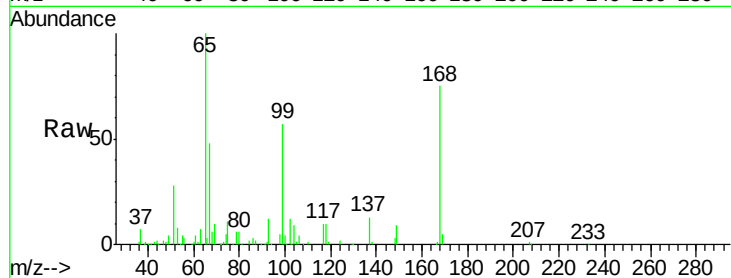
#33
 1,2-Dichloroethane-d4
 Concen: 53.51 ug/l
 RT: 5.01 min Scan# 455
 Delta R.T. -0.00 min
 Lab File: VF059296.D
 Acq: 23 Jun 2018 1:38

Instrument :
 MSVOA_F
 ClientSampled :
 S-5(6.5-7)

Tot Ion	Ratio	Resp	Lower	Upper
65	100	132471		
67	48.1	0.0	95.8	

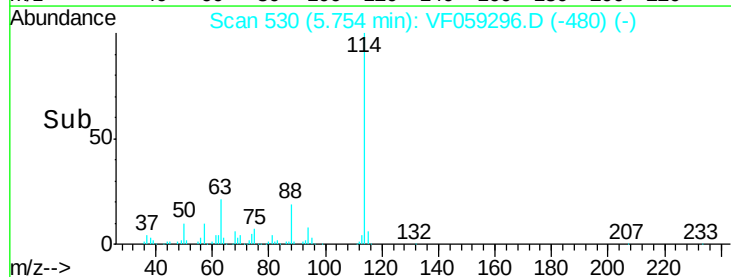
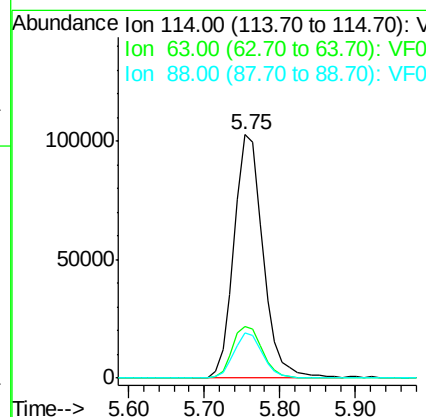
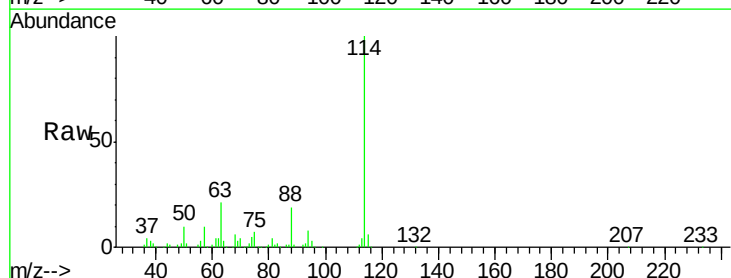
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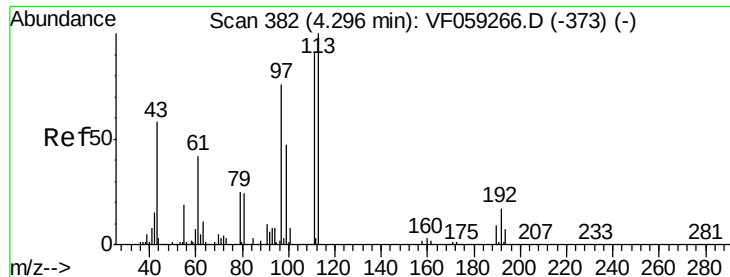
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#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 5.75 min Scan# 530
 Delta R.T. -0.01 min
 Lab File: VF059296.D
 Acq: 23 Jun 2018 1:38

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	272686		
63	21.4	0.0	41.0	
88	18.7	0.0	39.6	





#35

Dibromofluoromethane

Concen: 51.48 ug/l

RT: 4.29 min Scan# 381

Delta R.T. -0.01 min

Lab File: VF059296.D

Acq: 23 Jun 2018 1:38

Instrument :

MSVOA_F

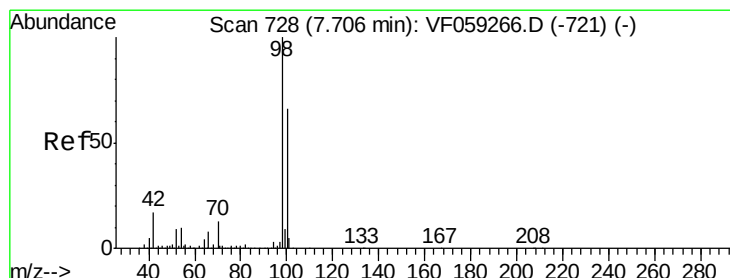
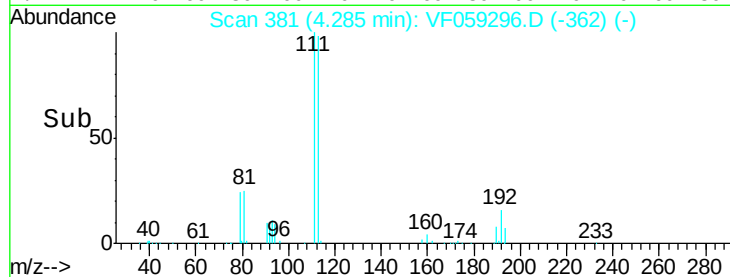
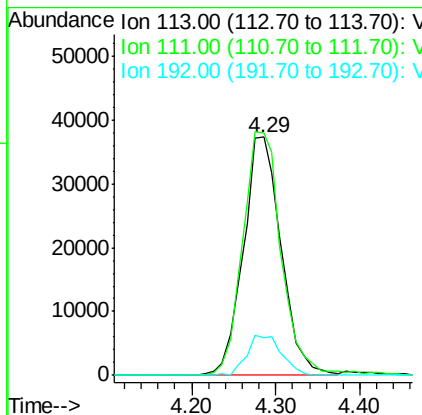
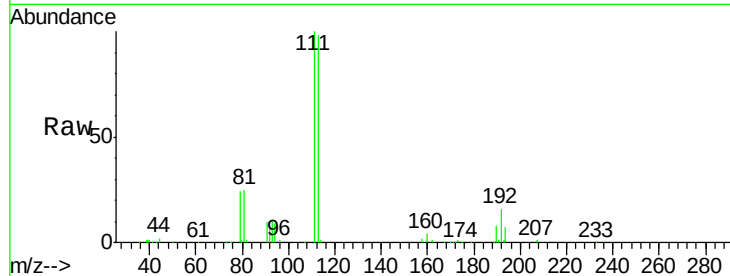
ClientSampleId :

S-5(6.5-7)

Tot Ion:	113	Resp:	118103
Ion Ratio	Lower	Upper	
113	100		
111	101.6	73.1	109.7
192	15.8	13.9	20.9

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#50

Toluene-d8

Concen: 47.70 ug/l

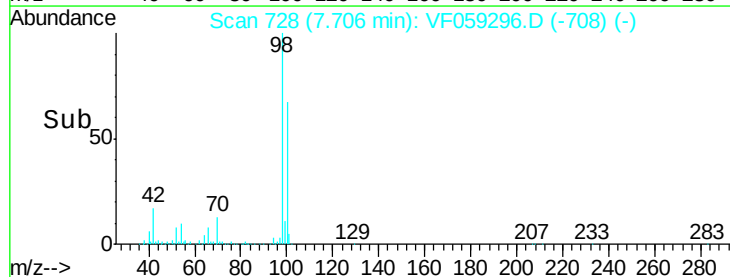
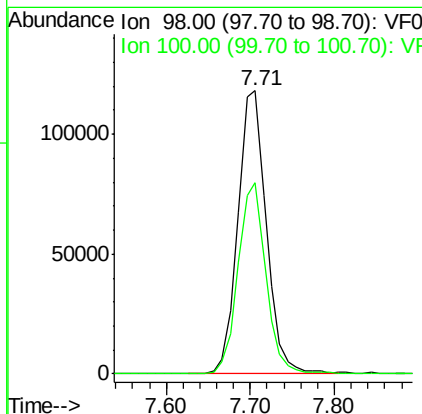
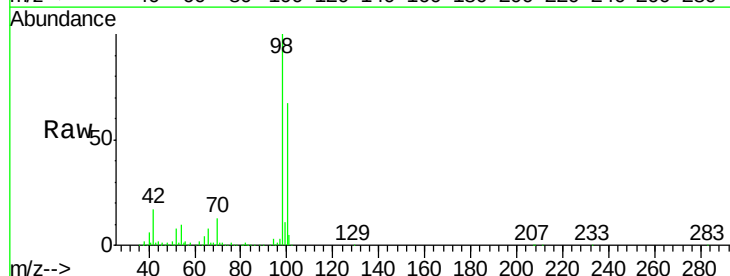
RT: 7.71 min Scan# 728

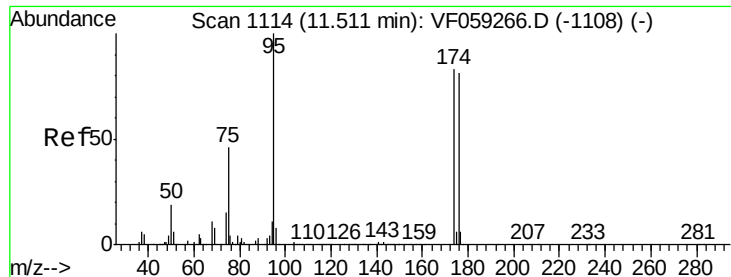
Delta R.T. -0.00 min

Lab File: VF059296.D

Acq: 23 Jun 2018 1:38

Tgt Ion:	98	Resp:	278352
Ion Ratio	Lower	Upper	
98	100		
100	67.5	52.8	79.2





#62

4-Bromofluorobenzene

Concen: 48.71 ug/l

RT: 11.50 min Scan# 1113

Delta R.T. -0.01 min

Lab File: VF059296.D

Acq: 23 Jun 2018 1:38

Instrument :

MSVOA_F

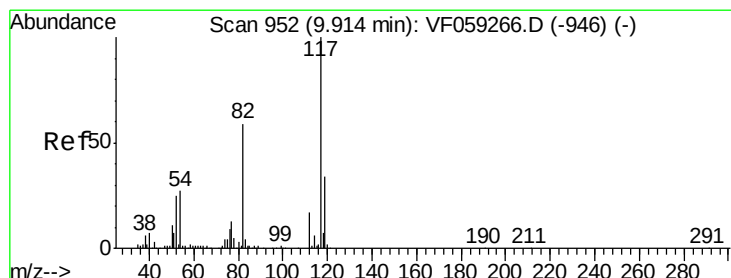
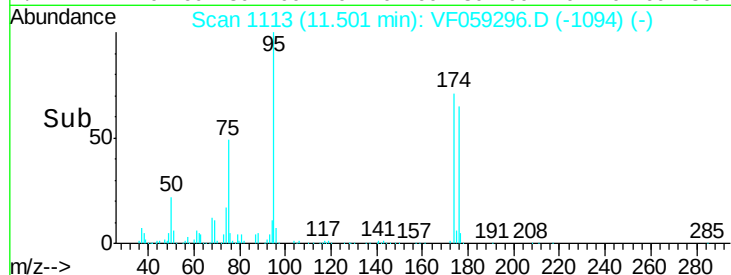
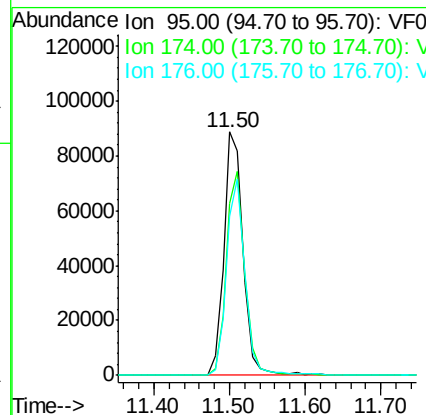
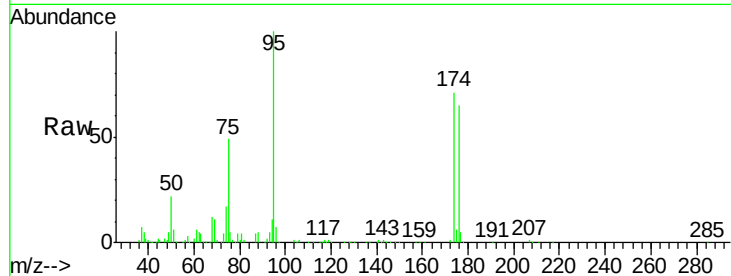
ClientSampleId :

S-5(6.5-7)

Tot Ion:	95	Resp:	157615
Ion Ratio	Lower	Upper	
95	100		
174	70.7	0.0	166.2
176	65.2	0.0	162.8

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#63

Chlorobenzene-d5

Concen: 50.00 ug/l

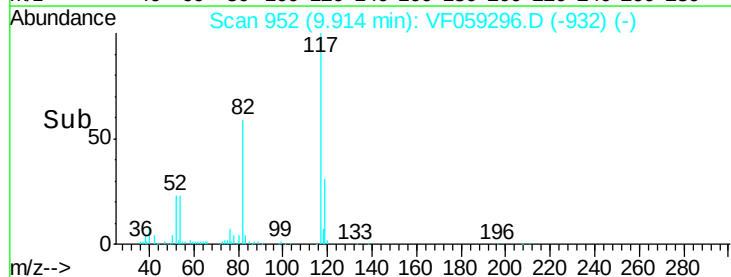
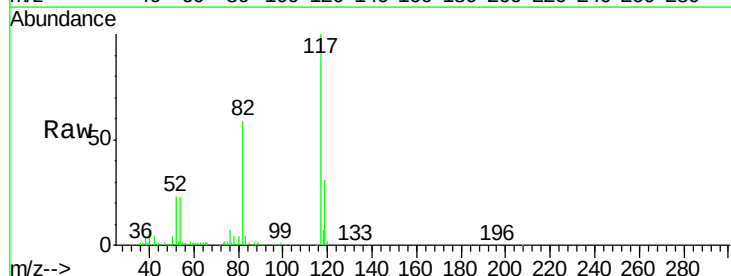
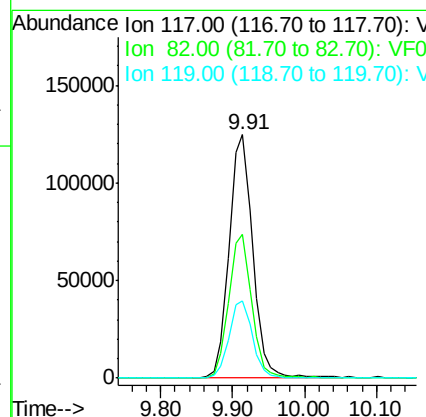
RT: 9.91 min Scan# 952

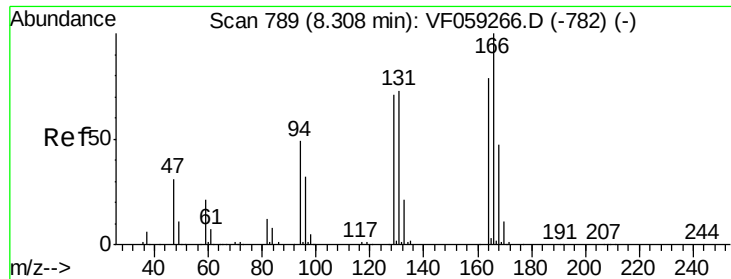
Delta R.T. -0.00 min

Lab File: VF059296.D

Acq: 23 Jun 2018 1:38

Tgt Ion:	117	Resp:	283990
Ion Ratio	Lower	Upper	
117	100		
82	59.0	47.1	70.7
119	31.5	26.9	40.3





#64

Tetrachloroethene

Concen: 9.36 ug/l

RT: 8.30 min Scan# 788

Delta R.T. -0.01 min

Lab File: VF059296.D

Acq: 23 Jun 2018 1:38

Instrument :

MSVOA_F

ClientSampleId :

S-5(6.5-7)

Tot Ion:164 Resp: 20413

Ion Ratio Lower Upper

164 100

166 141.8 101.4 152.2

129 100.2 72.2 108.4

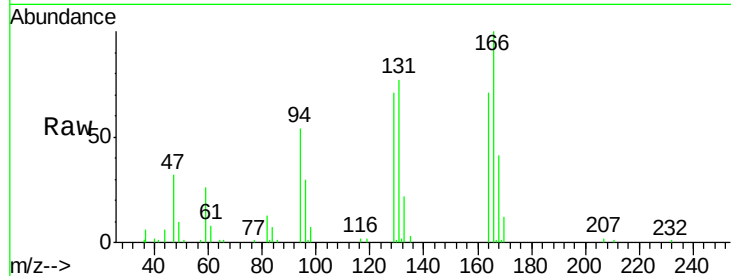
131 109.3 73.8 110.6

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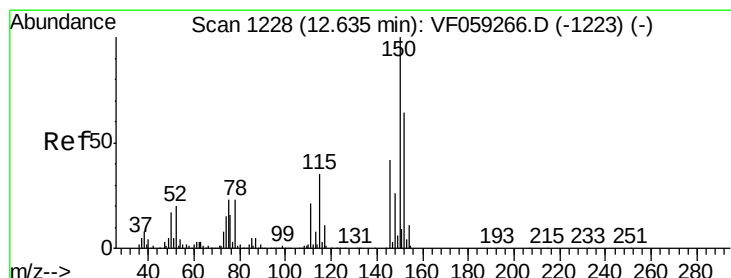
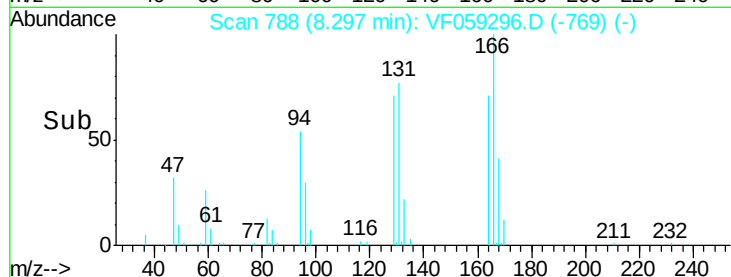
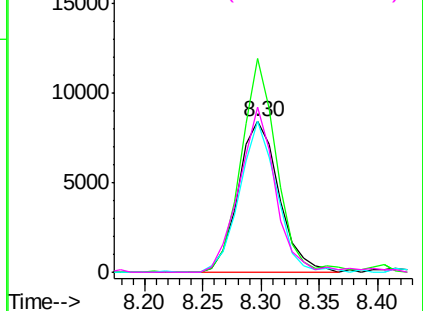


Abundance Ion 163.85 (163.55 to 164.55): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.90 (128.60 to 129.60): V

Ion 130.90 (130.60 to 131.60): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.62 min Scan# 1227

Delta R.T. -0.01 min

Lab File: VF059296.D

Acq: 23 Jun 2018 1:38

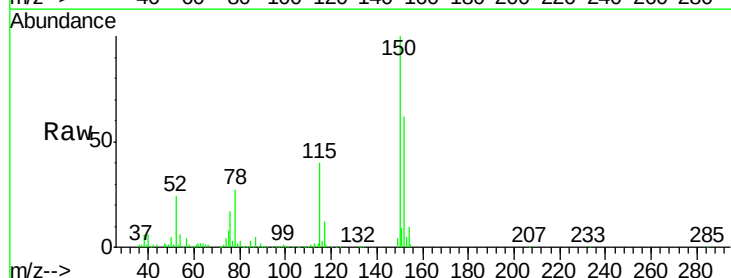
Tgt Ion:152 Resp: 178097

Ion Ratio Lower Upper

152 100

115 64.4 27.8 83.3

150 161.8 0.0 313.8



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

