

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF061918\
 Data File : VF059202.D
 Acq On : 19 Jun 2018 21:29
 Operator : VA/AP
 Sample : J3567-07
 Misc : 5.50µ/5mL/MSVOA-F/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 TP-5-D

Manual Integrations
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Quant Time: Jun 20 11:26:53 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F060618S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 07 10:52:00 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.04	168	237647	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.75	114	369759	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.90	117	355713	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.63	152	211353	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.01	65	172379	59.81	ug/l	0.00
Spiked Amount 50.000			Recovery	=	119.62%	
35) Dibromofluoromethane	4.28	113	149443	57.60	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	115.20%	
50) Toluene-d8	7.70	98	352164	46.20	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.40%	
62) 4-Bromofluorobenzene	11.50	95	203603	52.08	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.16%	
Target Compounds						
20) Methylene Chloride	2.28	84	8752m	5.31	ug/l	Qvalue

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

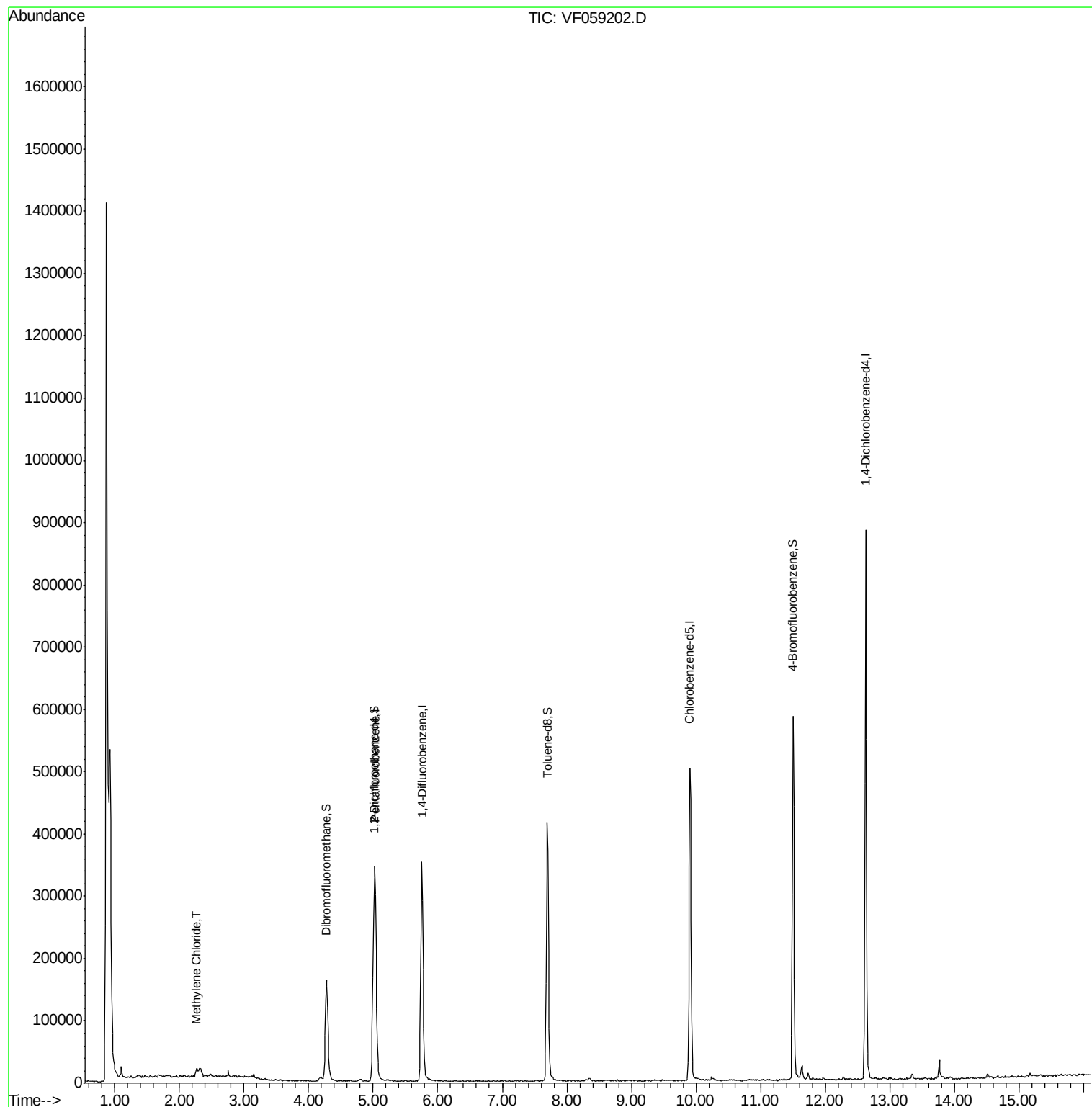
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Data File : VF059202.D
Acq On : 19 Jun 2018 21:29
Operator : VA/AP
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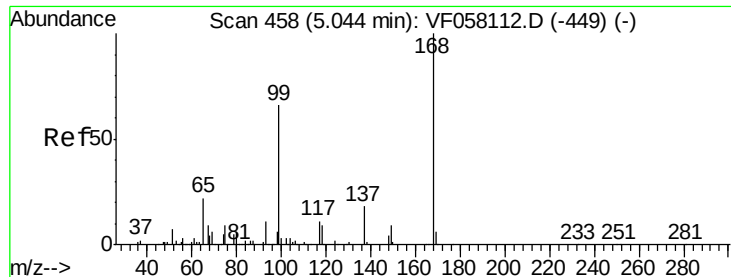
Instrument :
MSVOA_F
ClientSampleId :
TP-5-D

Quant Time: Jun 20 11:26:53 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_F\METHODS\82F060618S.M
Quant Title : SW846 8260
QLast Update : Thu Jun 07 10:52:00 2018
Response via : Initial Calibration

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.04 min Scan# 457

Delta R.T. -0.01 min

Lab File: VF059202.D

Acq: 19 Jun 2018 21:29

Instrument :

MSVOA_F

ClientSampleId :

TP-5-D

Tot Ion:168 Resp: 237647

Ion Ratio Lower Upper

168 100

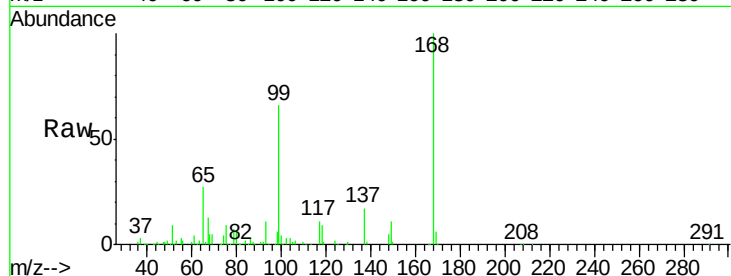
99 65.8 52.9 79.3

Manual Integrations

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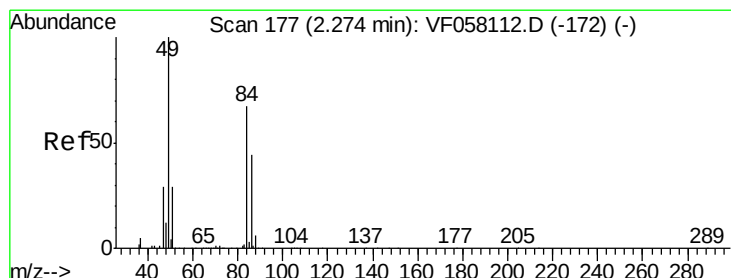
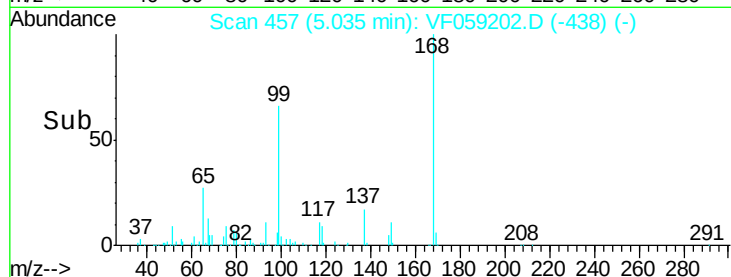
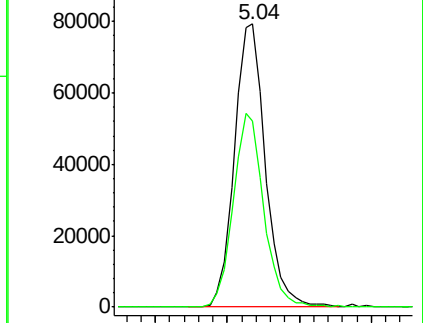
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Abundance Ion 168.00 (167.70 to 168.70): V

Ion 99.00 (98.70 to 99.70): VF0



#20

Methylene Chloride

Concen: 5.31 ug/l m

RT: 2.28 min Scan# 177

Delta R.T. 0.00 min

Lab File: VF059202.D

Acq: 19 Jun 2018 21:29

Tgt Ion: 84 Resp: 8752

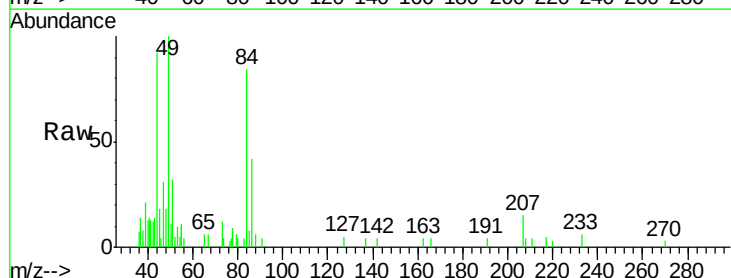
Ion Ratio Lower Upper

84 100

49 118.9 121.0 181.4#

51 38.3 35.8 53.6

86 50.4 53.2 79.8#

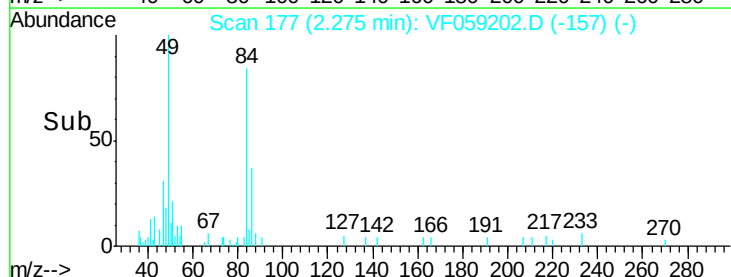
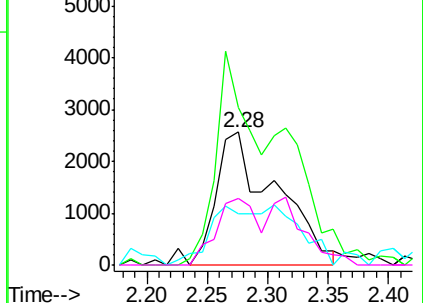


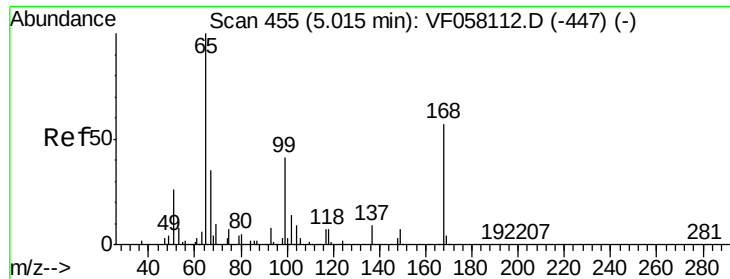
Abundance Ion 84.00 (83.70 to 84.70): VF0

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





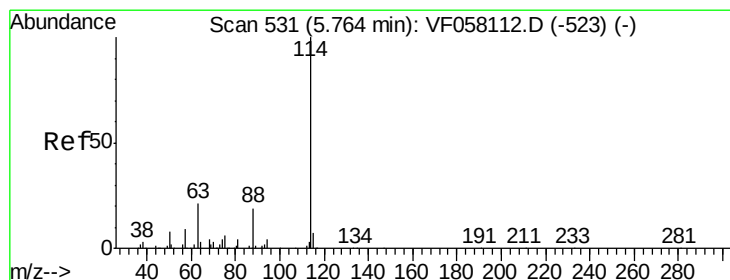
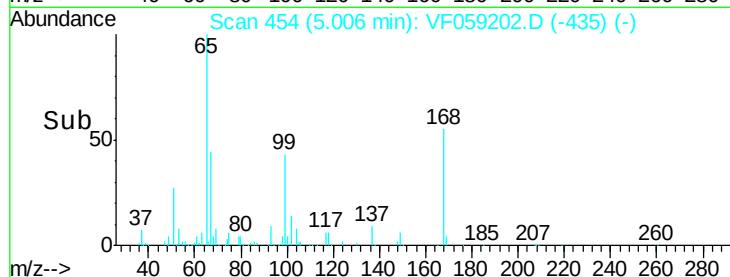
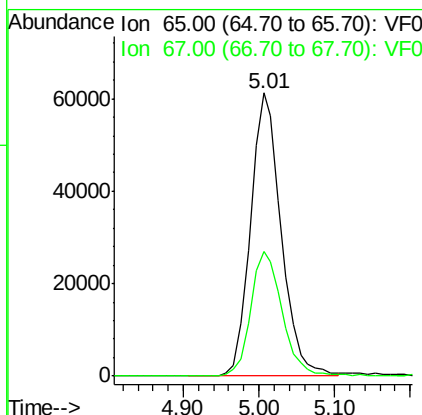
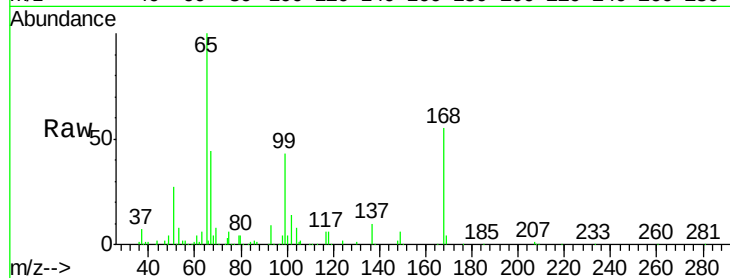
#33
 1,2-Dichloroethane-d4
 Concen: 59.81 ug/l
 RT: 5.01 min Scan# 454
 Delta R.T. -0.01 min
 Lab File: VF059202.D
 Acq: 19 Jun 2018 21:29

Instrument :
 MSVOA_F
 ClientSampled :
 TP-5-D

Tot Ion	Ratio	Resp	Lower	Upper
65	100	172379		
67	44.2	0.0	97.0	

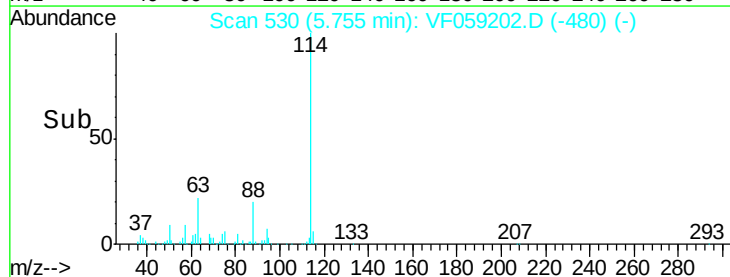
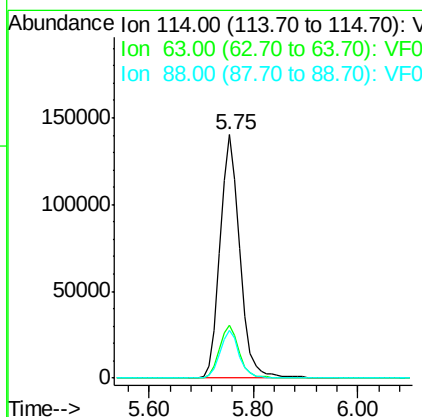
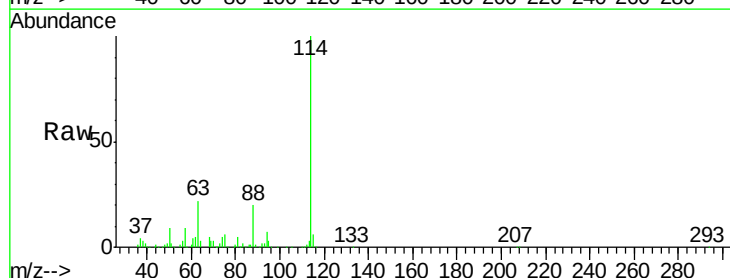
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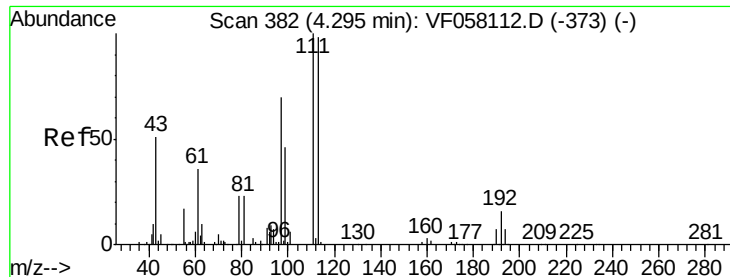
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#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 5.75 min Scan# 530
 Delta R.T. -0.01 min
 Lab File: VF059202.D
 Acq: 19 Jun 2018 21:29

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	369759		
63	21.9	0.0	41.6	
88	19.7	0.0	38.8	





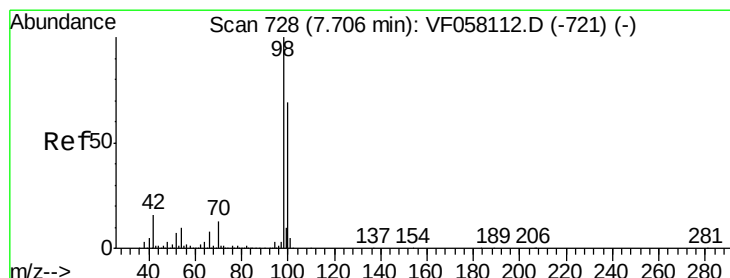
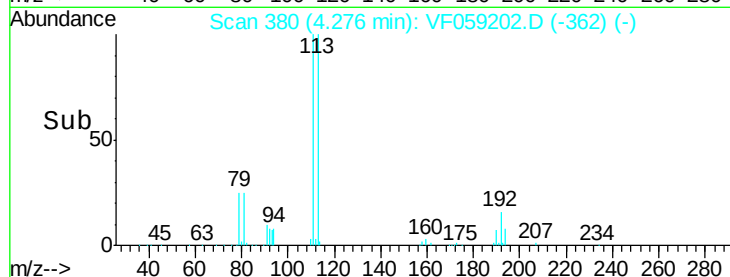
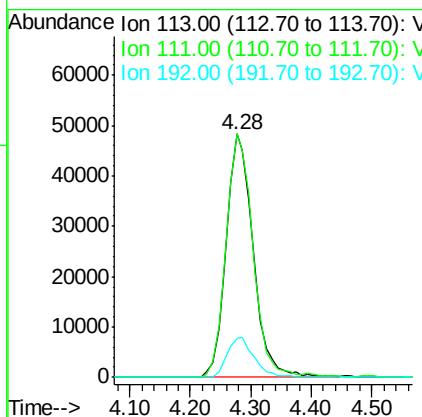
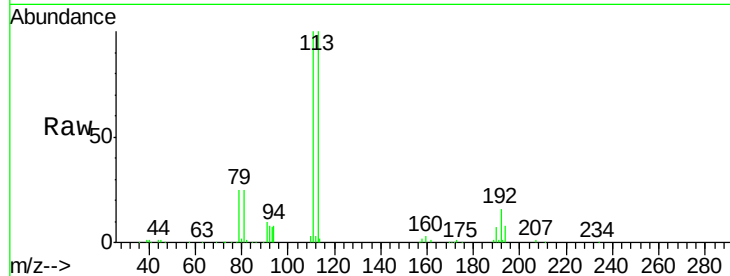
#35
Dibromofluoromethane
Concen: 57.60 ug/l
RT: 4.28 min Scan# 380
Delta R.T. -0.02 min
Lab File: VF059202.D
Acq: 19 Jun 2018 21:29

Instrument :
MSVOA_F
ClientSampled :
TP-5-D

Tot Ion	Ratio	Resp	Lower	Upper
113	100	149443		
111	100.0	81.3	121.9	
192	15.9	12.7	19.1	

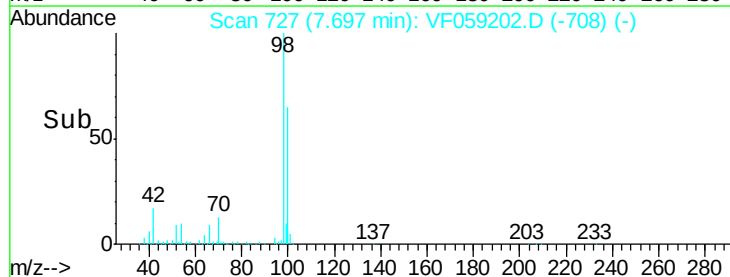
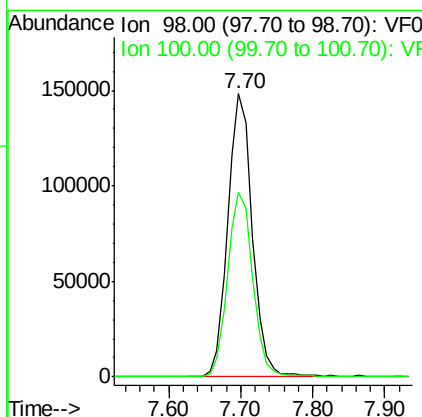
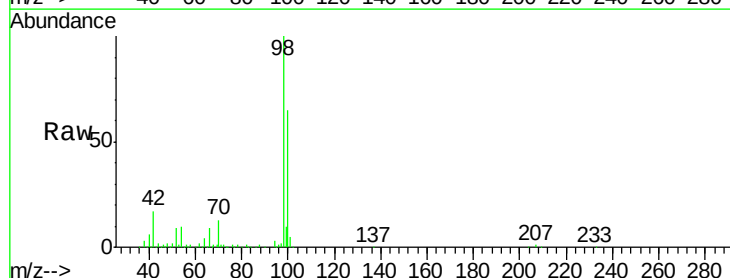
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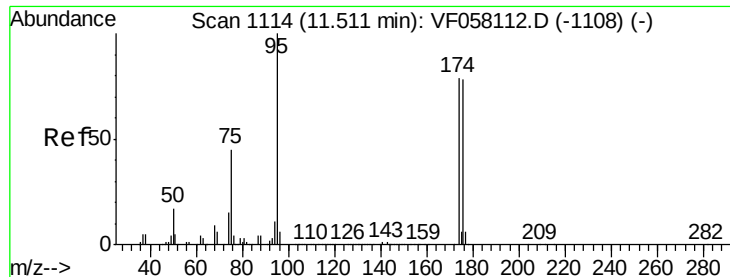
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#50
Toluene-d8
Concen: 46.20 ug/l
RT: 7.70 min Scan# 727
Delta R.T. -0.01 min
Lab File: VF059202.D
Acq: 19 Jun 2018 21:29

Tgt Ion	Ratio	Resp	Lower	Upper
98	100	352164		
100	65.1	55.6	83.4	





#62

4-Bromofluorobenzene

Concen: 52.08 ug/l

RT: 11.50 min Scan# 1113

Delta R.T. -0.01 min

Lab File: VF059202.D

Acq: 19 Jun 2018 21:29

Instrument :

MSVOA_F

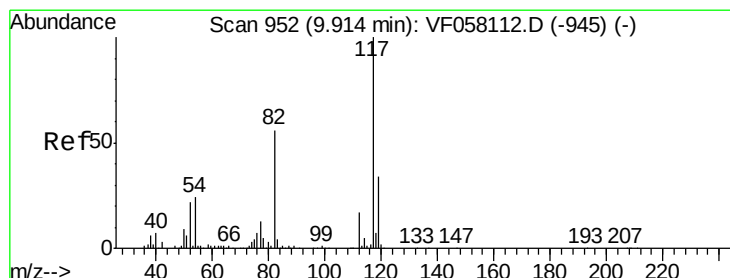
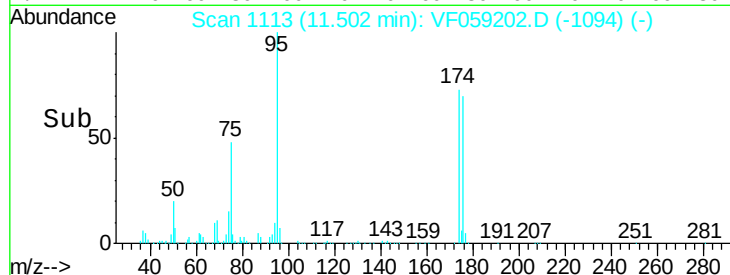
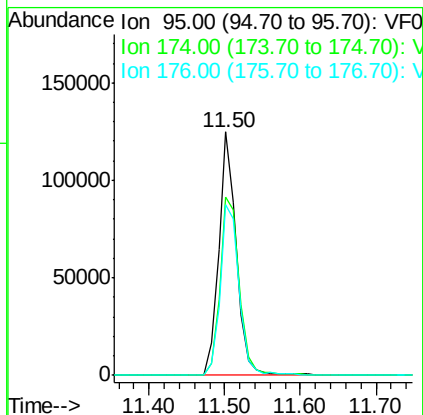
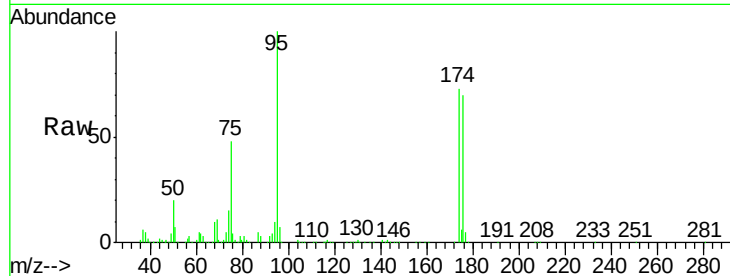
ClientSampled :

TP-5-D

Tot Ion:	95	Resp:	203603
Ion Ratio	Lower	Upper	
95	100		
174	73.2	0.0	157.8
176	69.9	0.0	155.8

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#63

Chlorobenzene-d5

Concen: 50.00 ug/l

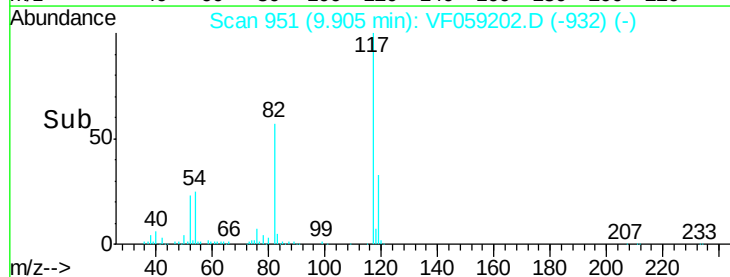
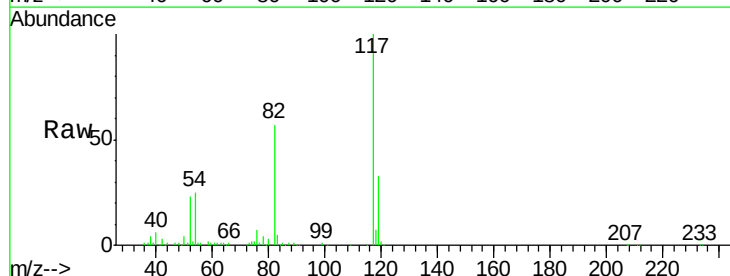
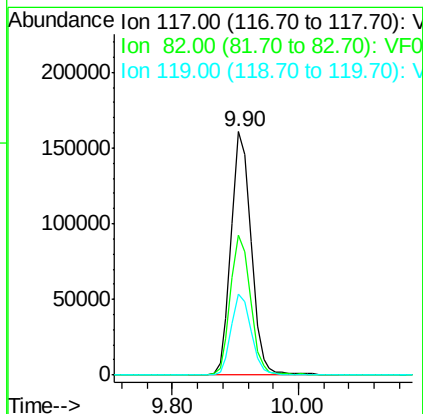
RT: 9.90 min Scan# 951

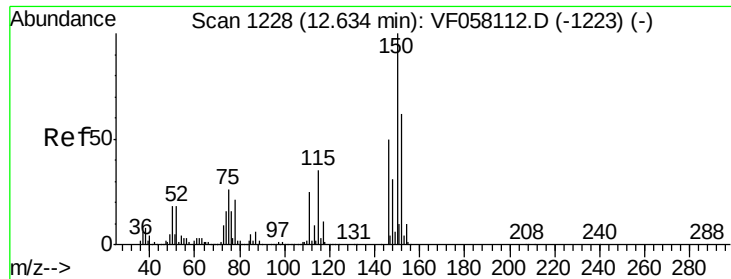
Delta R.T. -0.01 min

Lab File: VF059202.D

Acq: 19 Jun 2018 21:29

Tgt Ion:	117	Resp:	355713
Ion Ratio	Lower	Upper	
117	100		
82	57.4	45.2	67.8
119	33.3	27.5	41.3





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 12.63 min Scan# 1227
 Delta R.T. -0.01 min
 Lab File: VF059202.D
 Acq: 19 Jun 2018 21:29

Instrument :
 MSVOA_F
 ClientSampleId :
 TP-5-D

Tot Ion	Ratio	Resp	Lower	Upper
152	100	211353		
115	60.9	28.5	85.5	
150	158.4	0.0	323.8	

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