

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF071818\
 Data File : VF059541.D
 Acq On : 19 Jul 2018 4:34
 Operator : VA/AP
 Sample : J3991-05
 Misc : 4.70g/5mL/MSVOA F/SOIL
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 SB-3-B

Manual Integrations
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 7/19/2018 10:19:04 AM

Quant Time: Jul 19 07:07:26 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F071718S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 18 04:09:10 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.03	168	181668	50.00	ug/l	-0.03
34) 1,4-Difluorobenzene	5.76	114	286311	50.00	ug/l	-0.03
63) Chlorobenzene-d5	9.91	117	299781	50.00	ug/l	-0.03
72) 1,4-Dichlorobenzene-d4	12.63	152	191822	50.00	ug/l	-0.02
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.00	65	137752	48.76	ug/l	-0.04
Spiked Amount 50.000			Recovery	=	97.52%	
35) Dibromofluoromethane	4.28	113	124963	50.39	ug/l	-0.03
Spiked Amount 50.000			Recovery	=	100.78%	
50) Toluene-d8	7.70	98	259678	41.57	ug/l	-0.03
Spiked Amount 50.000			Recovery	=	83.14%	
62) 4-Bromofluorobenzene	11.50	95	151645	46.28	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	92.56%	
Target Compounds						
20) Methylene Chloride	2.27	84	15018m	7.92	ug/l	Qvalue

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

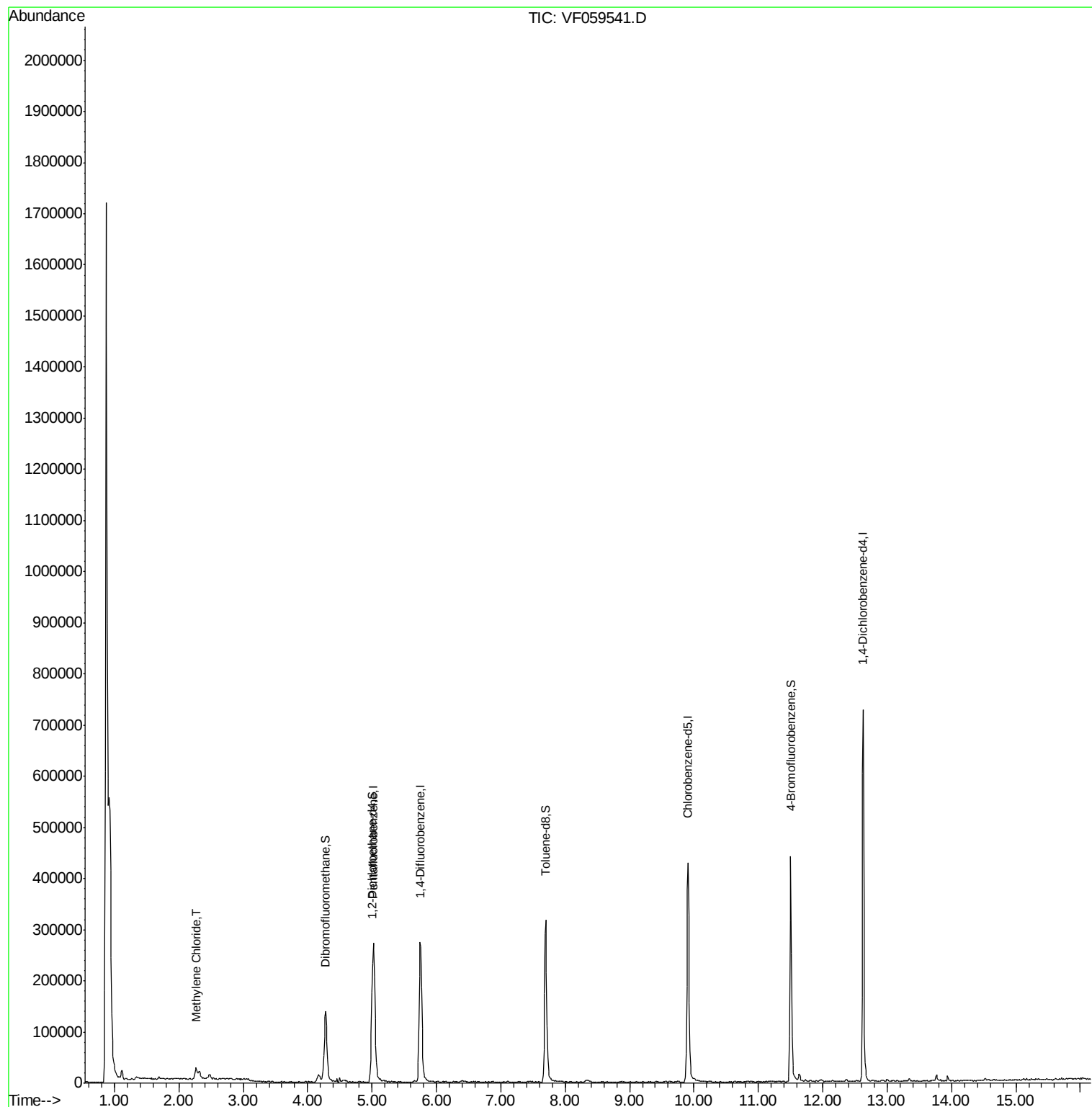
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF071818\
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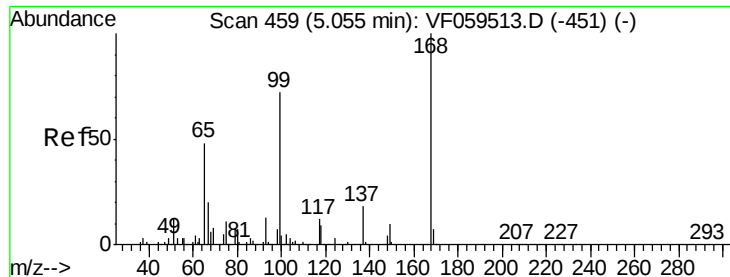
Instrument :
MSVOA_F
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Quant Time: Jul 19 07:07:26 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_F\METHODS\82F071718S.M
Quant Title : SW846 8260
QLast Update : Wed Jul 18 04:09:10 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.03 min Scan# 456

Delta R.T. -0.03 min

Lab File: VF059541.D

Acq: 19 Jul 2018 4:34

Instrument :

MSVOA_F

ClientSampleId :

SB-3-B

Tot Ion:168 Resp: 181668

Ion Ratio Lower Upper

168 100

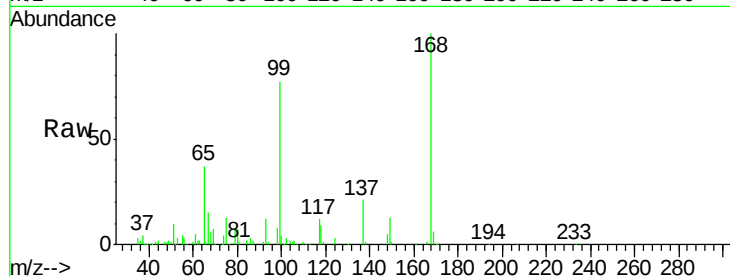
99 77.2 57.6 86.4

Manual Integrations

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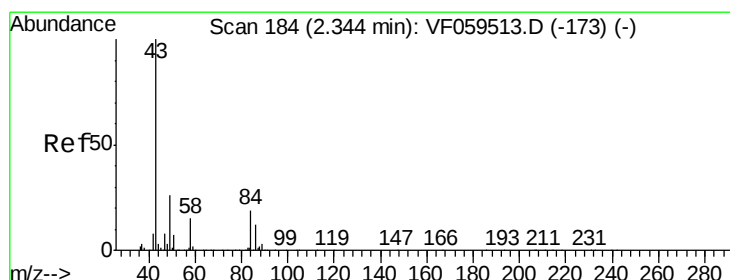
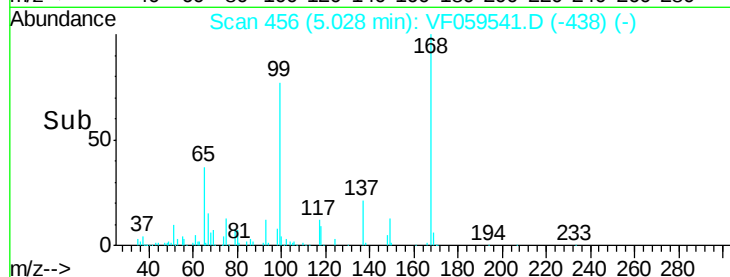
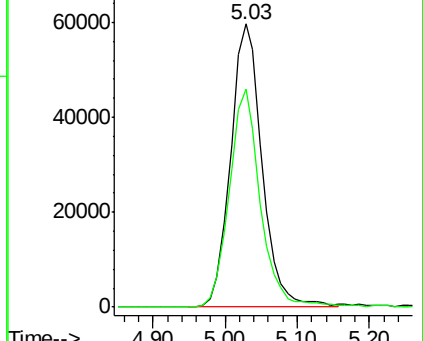
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Abundance Ion 168.00 (167.70 to 168.70): V

Ion 99.00 (98.70 to 99.70): VF0



#20

Methylene Chloride

Concen: 7.92 ug/l m

RT: 2.27 min Scan# 176

Delta R.T. -0.08 min

Lab File: VF059541.D

Acq: 19 Jul 2018 4:34

Tgt Ion: 84 Resp: 15018

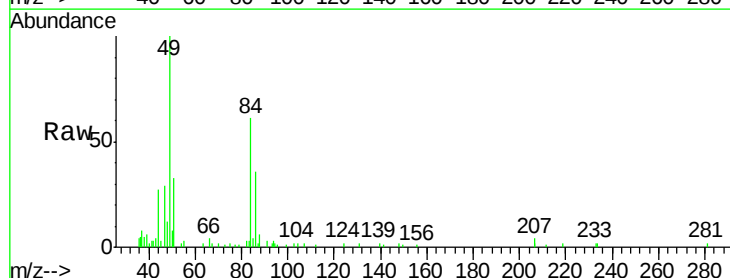
Ion Ratio Lower Upper

84 100

49 164.5 109.4 164.2#

51 54.8 30.5 45.7#

86 59.8 47.6 71.4

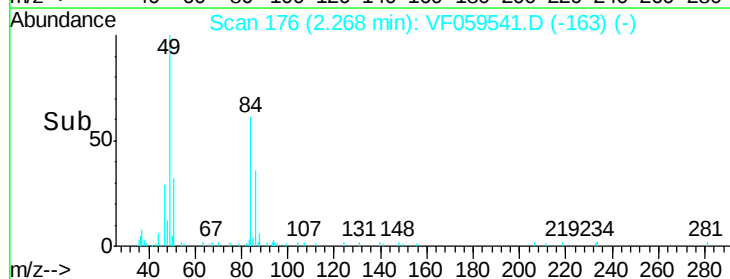
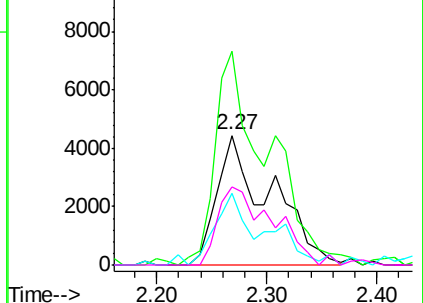


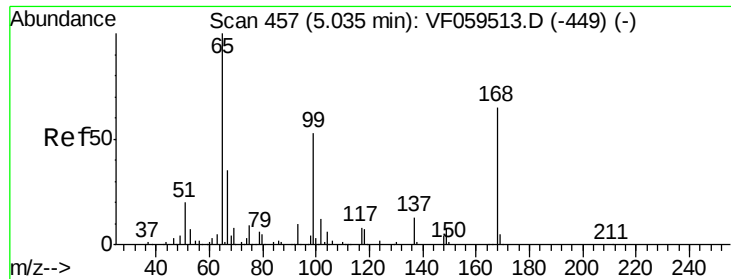
Abundance Ion 84.00 (83.70 to 84.70): VF0

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





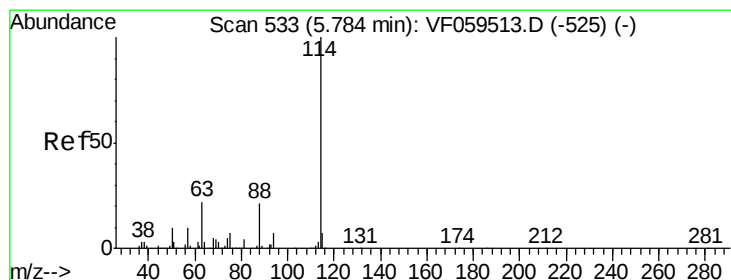
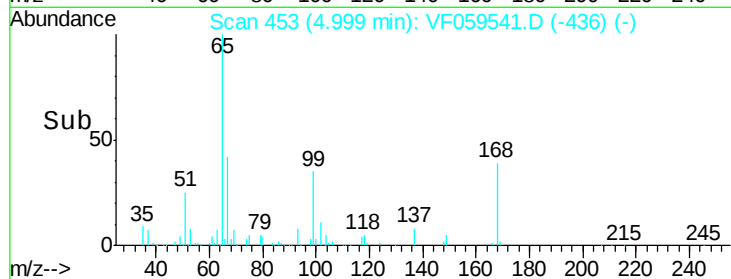
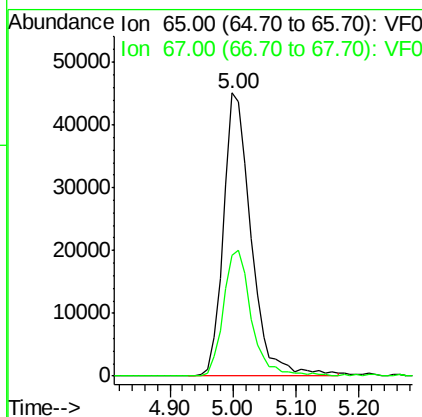
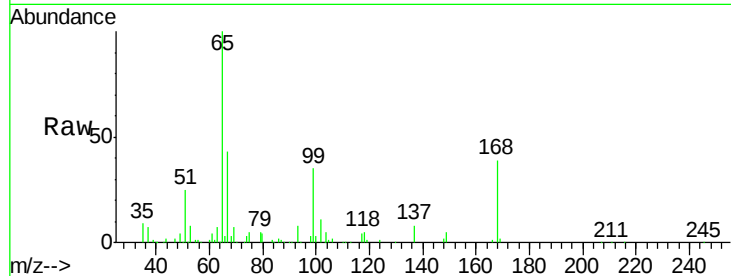
#33
 1,2-Dichloroethane-d4
 Concen: 48.76 ug/l
 RT: 5.00 min Scan# 453
 Delta R.T. -0.04 min
 Lab File: VF059541.D
 Acq: 19 Jul 2018 4:34

Instrument :
 MSVOA_F
 ClientSampled :
 SB-3-B

Tot Ion	Ratio	Resp	Lower	Upper
65	100	137752		
67	42.6	0.0	91.2	

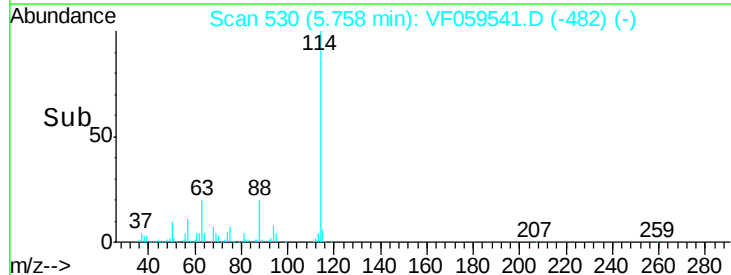
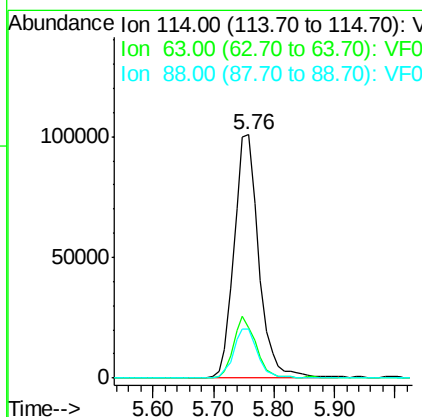
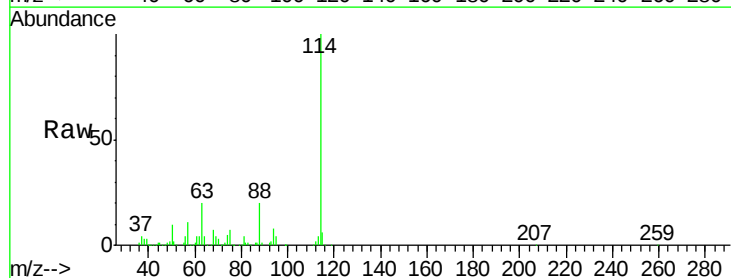
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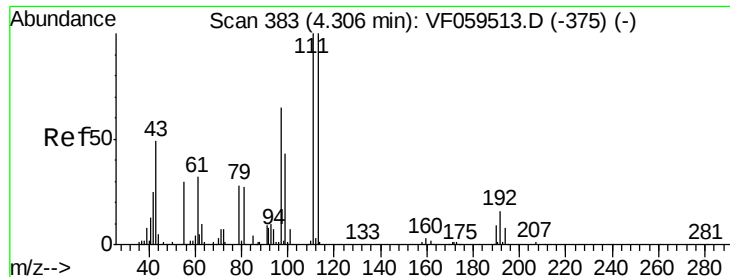
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#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 5.76 min Scan# 530
 Delta R.T. -0.03 min
 Lab File: VF059541.D
 Acq: 19 Jul 2018 4:34

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	286311		
63	20.5	0.0	44.8	
88	20.3	0.0	42.6	





#35

Dibromofluoromethane

Concen: 50.39 ug/l

RT: 4.28 min Scan# 380

Delta R.T. -0.03 min

Lab File: VF059541.D

Acq: 19 Jul 2018 4:34

Instrument :

MSVOA_F

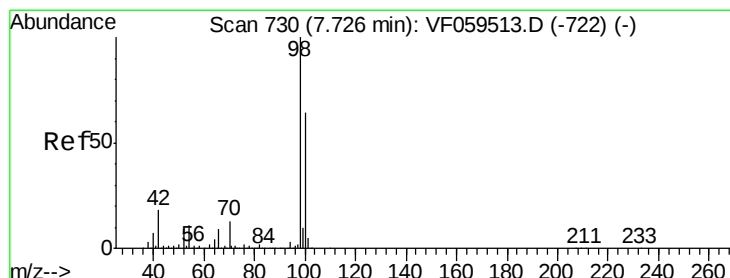
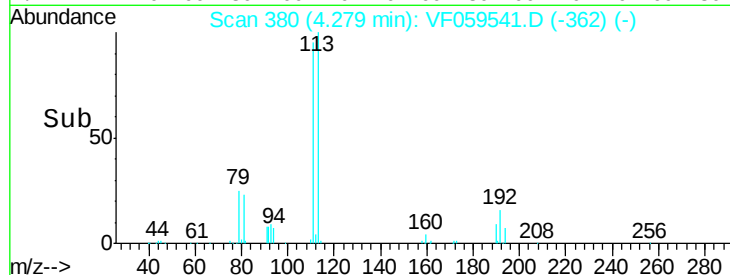
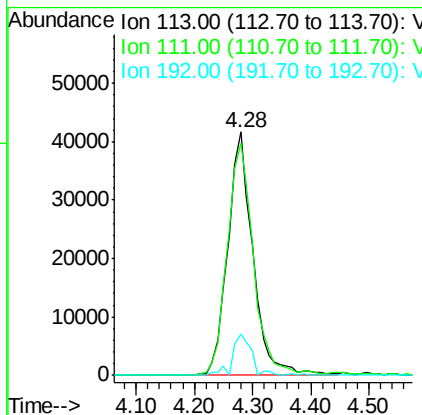
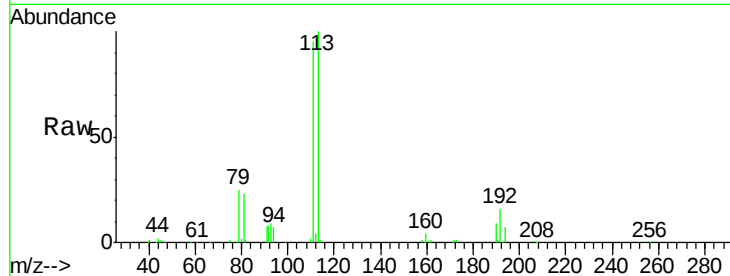
ClientSampled :

SB-3-B

Tot Ion:	113	Resp:	124963
Ion Ratio	Lower	Upper	
113	100		
111	95.1	80.3	120.5
192	16.8	13.1	19.7

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#50

Toluene-d8

Concen: 41.57 ug/l

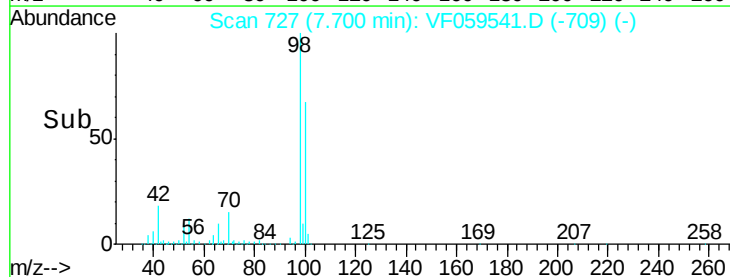
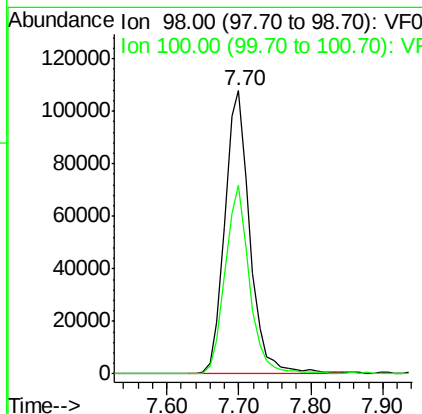
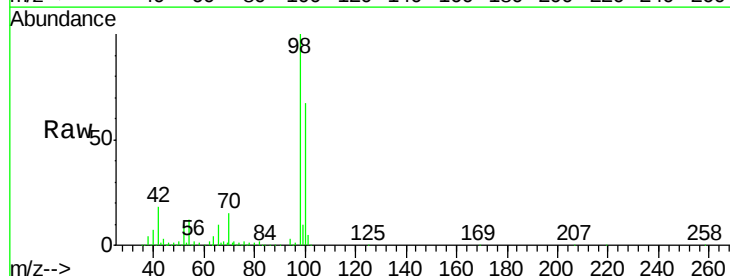
RT: 7.70 min Scan# 727

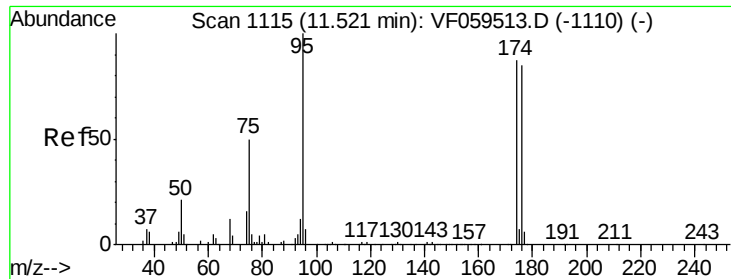
Delta R.T. -0.03 min

Lab File: VF059541.D

Acq: 19 Jul 2018 4:34

Tgt Ion:	98	Resp:	259678
Ion Ratio	Lower	Upper	
98	100		
100	66.5	50.9	76.3





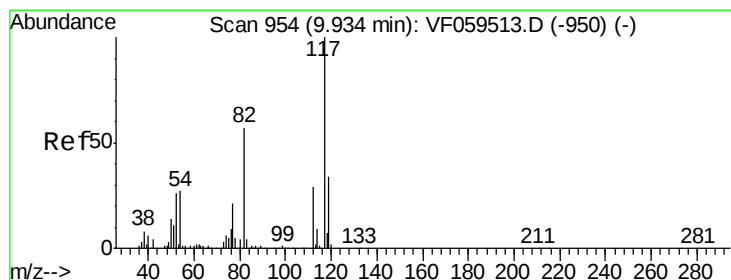
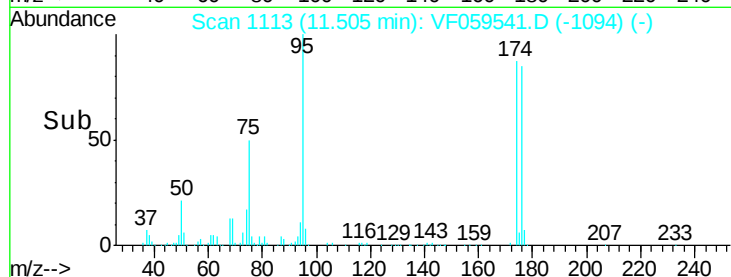
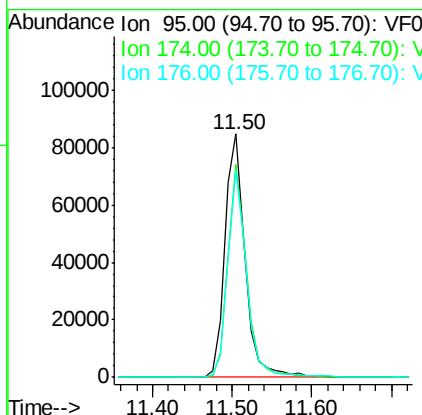
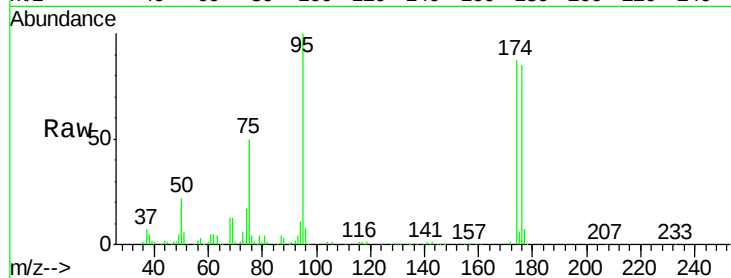
#62
4-Bromofluorobenzene
Concen: 46.28 ug/l
RT: 11.50 min Scan# 1113
Delta R.T. -0.02 min
Lab File: VF059541.D
Acq: 19 Jul 2018 4:34

Instrument :
MSVOA_F
ClientSampled :
SB-3-B

Tot Ion	Ratio	Resp	Lower	Upper
95	100	151645		
174	87.5	0.0	174.4	
176	85.2	0.0	169.4	

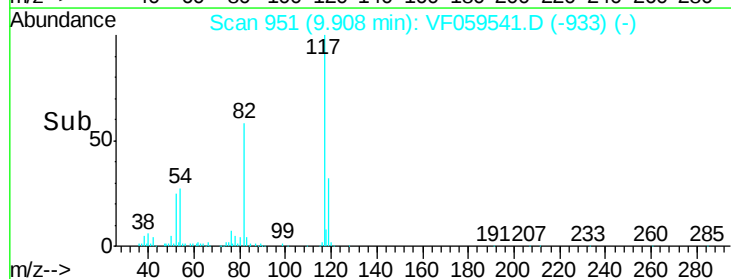
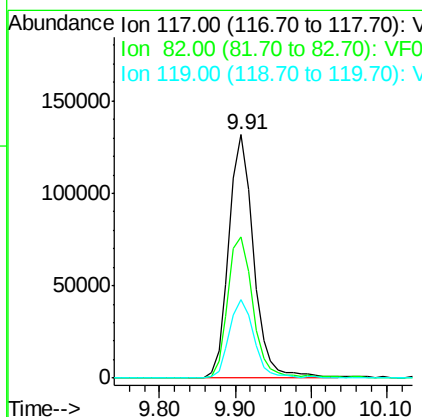
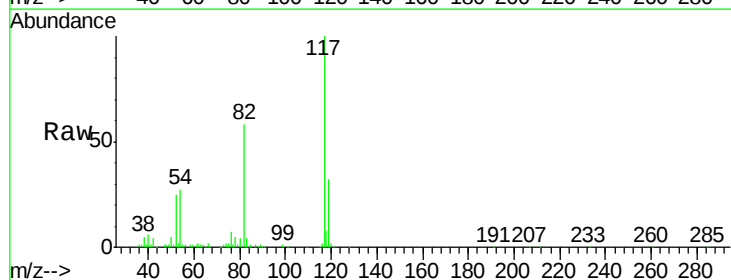
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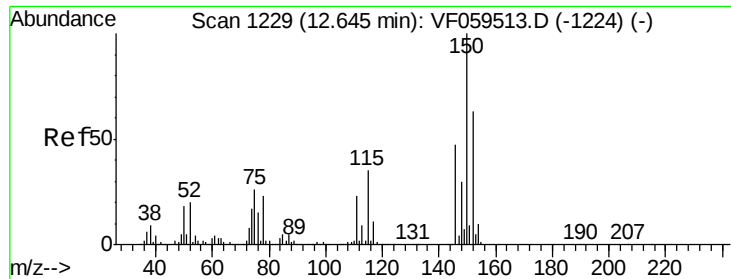
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#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.91 min Scan# 951
Delta R.T. -0.03 min
Lab File: VF059541.D
Acq: 19 Jul 2018 4:34

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	299781		
82	58.2	46.1	69.1	
119	32.2	27.2	40.8	





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.63 min Scan# 1227

Delta R.T. -0.02 min

Lab File: VF059541.D

Acq: 19 Jul 2018 4:34

Instrument :

MSVOA_F

ClientSampleId :

SB-3-B

Tot Ion:152 Resp: 191822

Ion Ratio Lower Upper

152 100

115 54.8 27.8 83.3

150 151.6 0.0 318.4

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