

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF061918\
 Data File : VF059211.D
 Acq On : 20 Jun 2018 3:30
 Operator : VA/AP
 Sample : J3249-03
 Misc : 6.51g/5mL/MSVOA-F/SOIL
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 PL-01-061818-B

Manual Integrations
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 6/20/2018 11:21:33 AM

Quant Time: Jun 20 06:59:13 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	242395	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.76	114	392532	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.92	117	379622	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.63	152	223812	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.02	65	181667	61.80	ug/l	0.00
Spiked Amount 50.000			Recovery	=	123.60%	
35) Dibromofluoromethane	4.29	113	171968	62.44	ug/l	0.00
Spiked Amount 50.000			Recovery	=	124.88%	
50) Toluene-d8	7.70	98	370236	45.76	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.52%	
62) 4-Bromofluorobenzene	11.50	95	208677	50.28	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.56%	
Target Compounds						
16) Acetone	2.34	43	34917	49.75	ug/l	Qvalue 94
20) Methylene Chloride	2.28	84	16243m	9.66	ug/l	

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

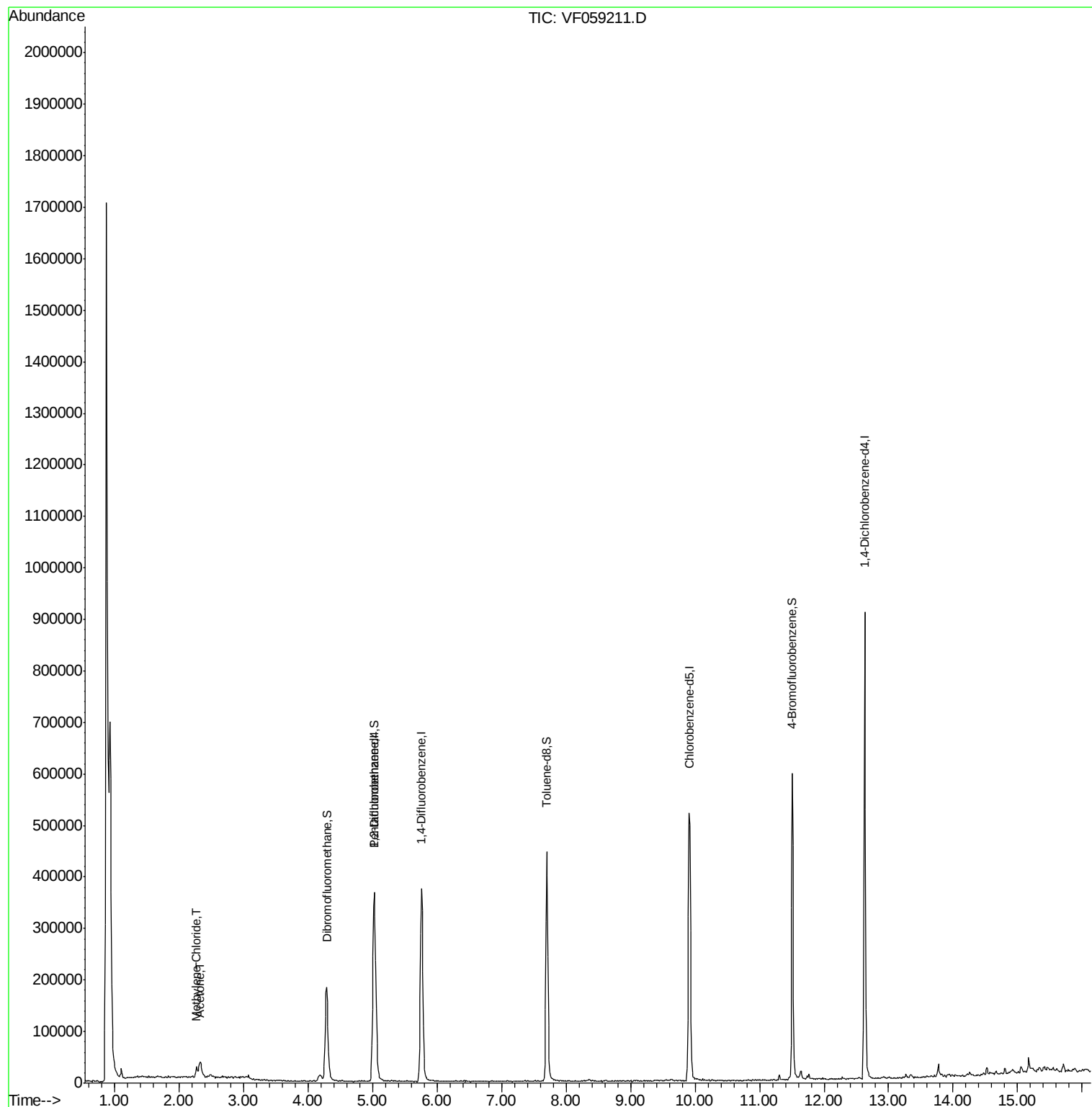
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Data File : VF059211.D
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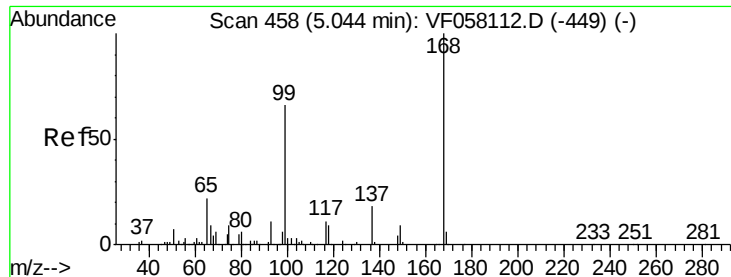
Instrument :
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Quant Title : SW846 8260
QLast Update : Thu Jun 07 10:52:00 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.04 min Scan# 457

Delta R.T. -0.01 min

Lab File: VF059211.D

Acq: 20 Jun 2018 3:30

Instrument :

MSVOA_F

ClientSampleId :

PL-01-061818-B

Tot Ion:168 Resp: 242395

Ion Ratio Lower Upper

168 100

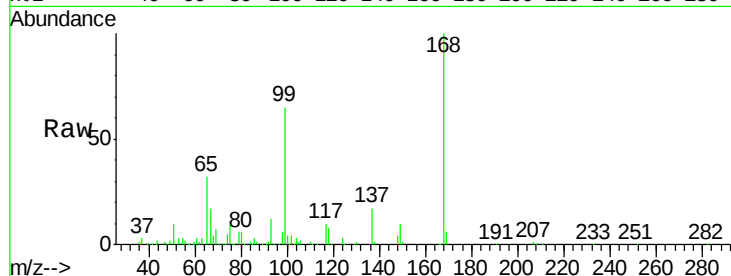
99 65.4 52.9 79.3

Manual Integrations

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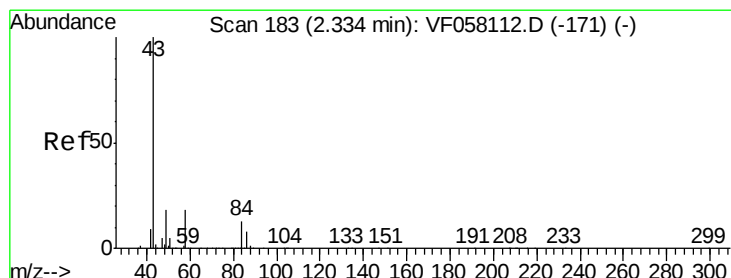
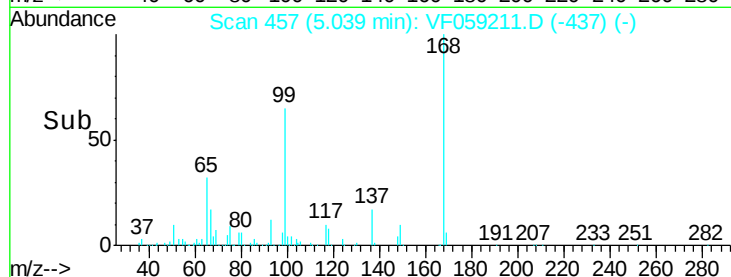
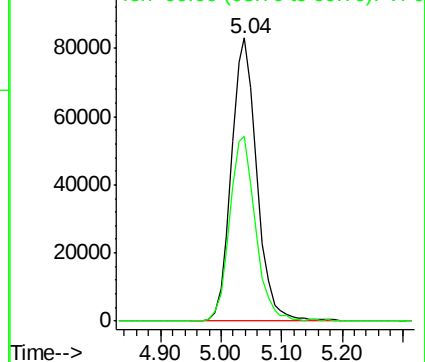
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Abundance Ion 168.00 (167.70 to 168.70): V

Ion 99.00 (98.70 to 99.70): VF0



#16

Acetone

Concen: 49.75 ug/l

RT: 2.34 min Scan# 183

Delta R.T. 0.00 min

Lab File: VF059211.D

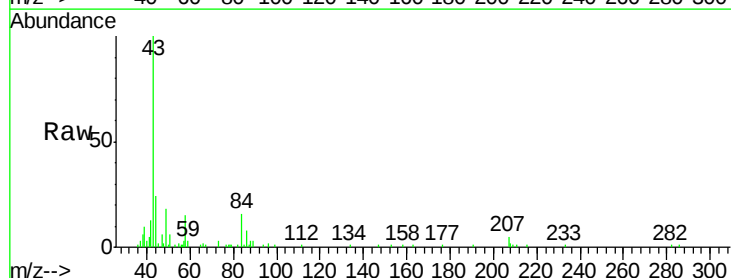
Acq: 20 Jun 2018 3:30

Tgt Ion: 43 Resp: 34917

Ion Ratio Lower Upper

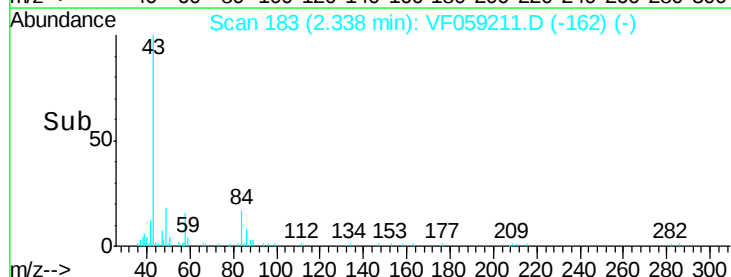
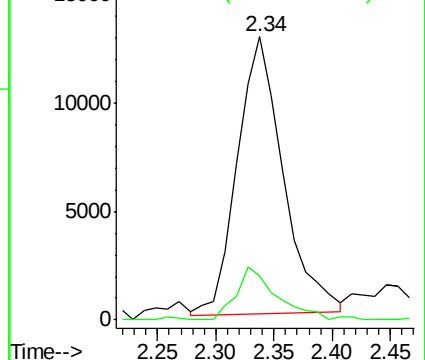
43 100

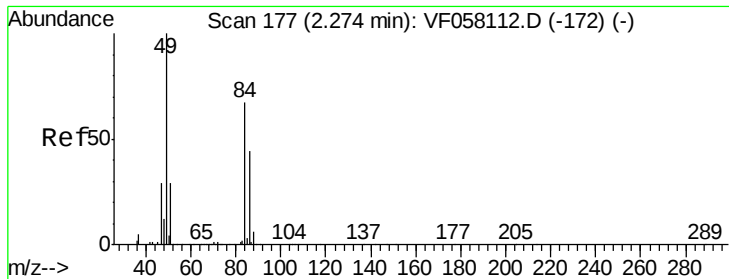
58 15.5 14.4 21.6



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 58.00 (57.70 to 58.70): VF0





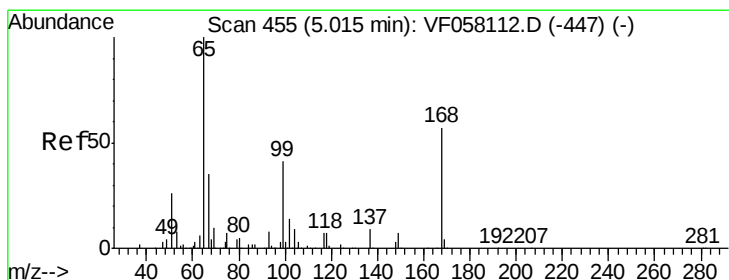
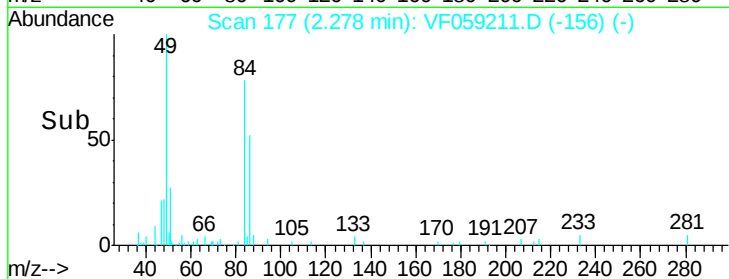
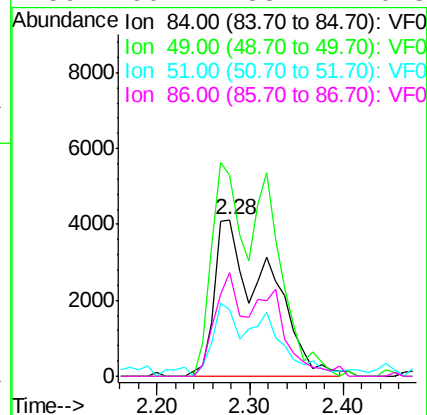
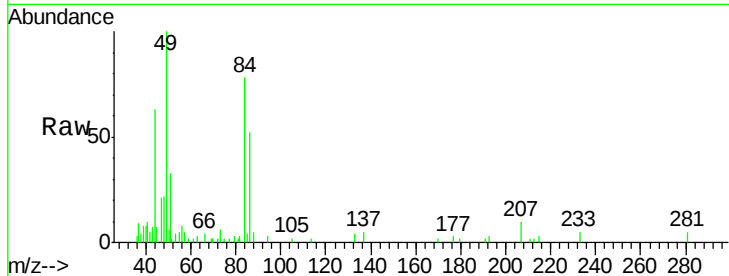
#20
Methvlene Chloride
Concen: 9.66 ug/l m
RT: 2.28 min Scan# 177
Delta R.T. 0.00 min
Lab File: VF059211.D
Acq: 20 Jun 2018 3:30

Instrument :
MSVOA_F
ClientSampleId :
PL-01-061818-B

Tot Ion	Ratio	Lower	Upper
84	100		
49	128.7	121.0	181.4
51	42.6	35.8	53.6
86	66.7	53.2	79.8

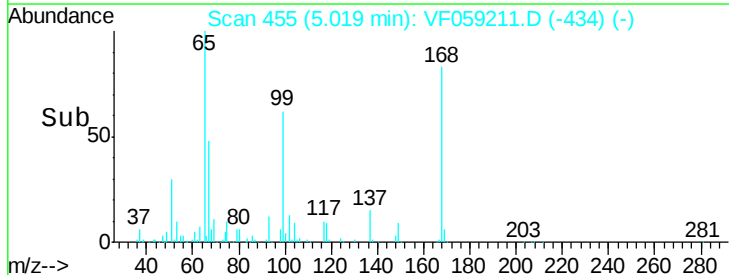
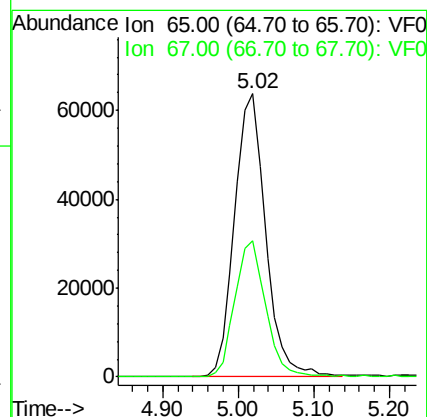
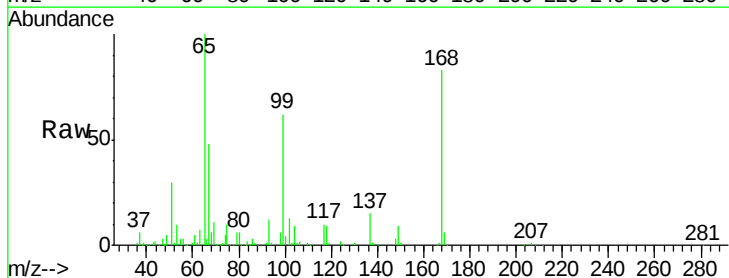
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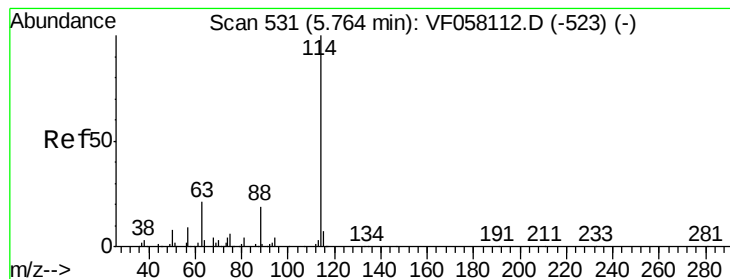
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#33
1,2-Dichloroethane-d4
Concen: 61.80 ug/l
RT: 5.02 min Scan# 455
Delta R.T. 0.00 min
Lab File: VF059211.D
Acq: 20 Jun 2018 3:30

Tgt Ion	Ratio	Lower	Upper
65	100		
67	48.1	0.0	97.0





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 5.76 min Scan# 530

Delta R.T. -0.01 min

Lab File: VF059211.D

Acq: 20 Jun 2018 3:30

Instrument :

MSVOA_F

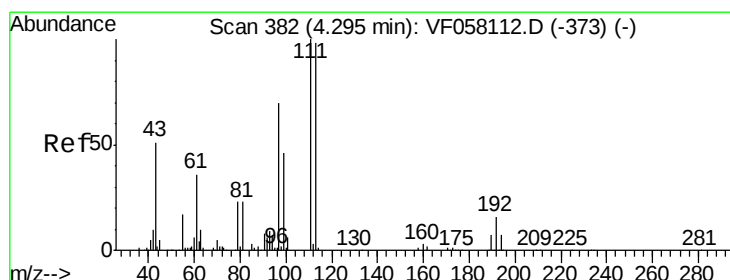
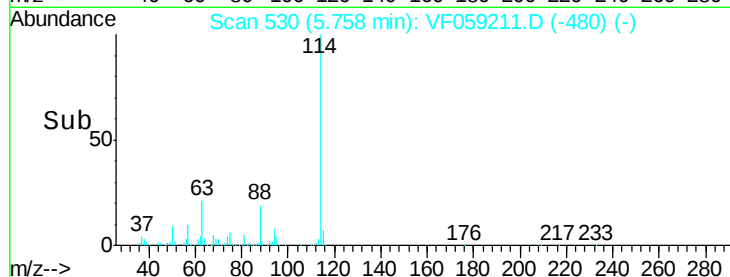
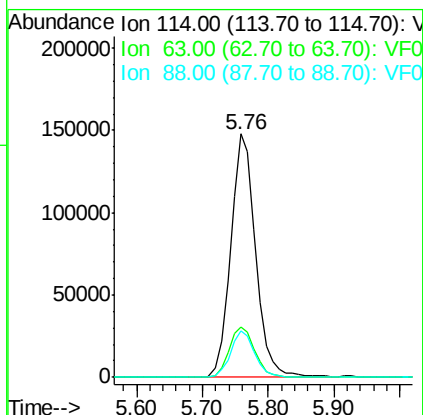
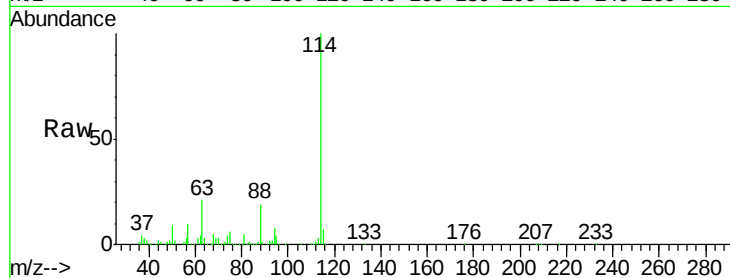
ClientSampleId :

PL-01-061818-B

Tot Ion:	114	Resp:	392532
Ion Ratio	Lower	Upper	
114	100		
63	20.9	0.0	41.6
88	19.1	0.0	38.8

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#35

Dibromofluoromethane

Concen: 62.44 ug/l

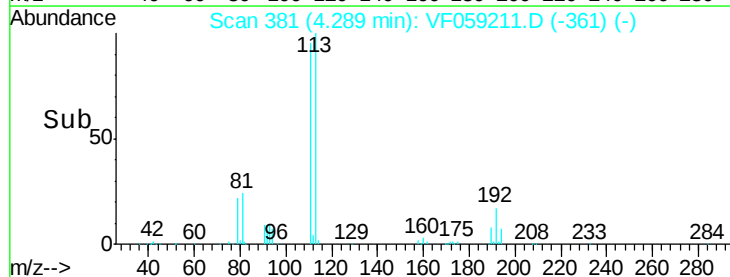
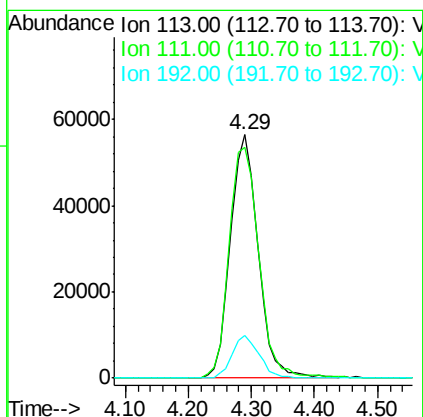
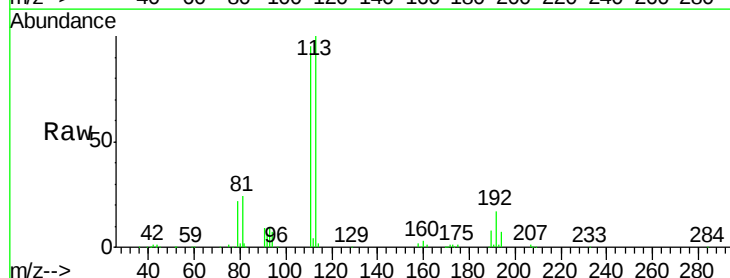
RT: 4.29 min Scan# 381

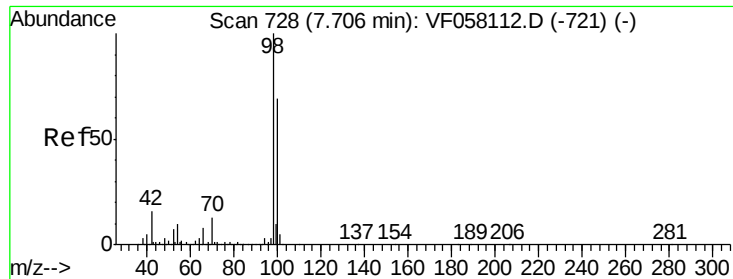
Delta R.T. -0.01 min

Lab File: VF059211.D

Acq: 20 Jun 2018 3:30

Tgt Ion:	113	Resp:	171968
Ion Ratio	Lower	Upper	
113	100		
111	94.9	81.3	121.9
192	17.4	12.7	19.1





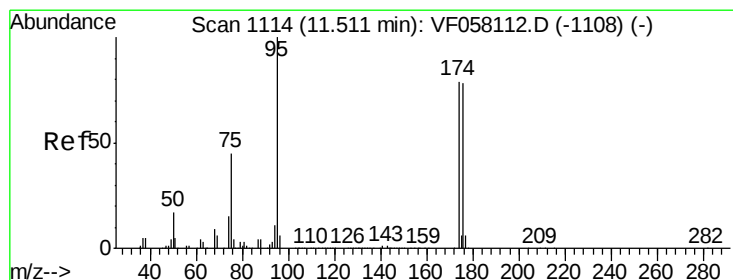
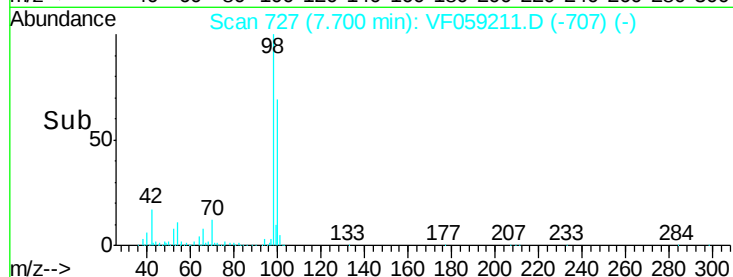
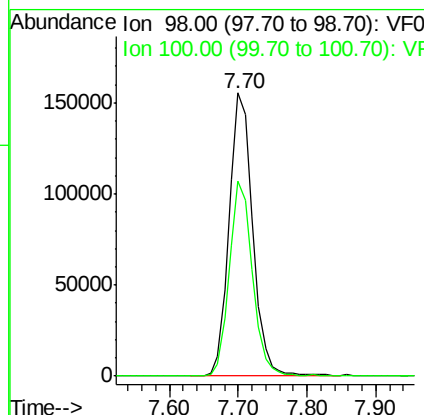
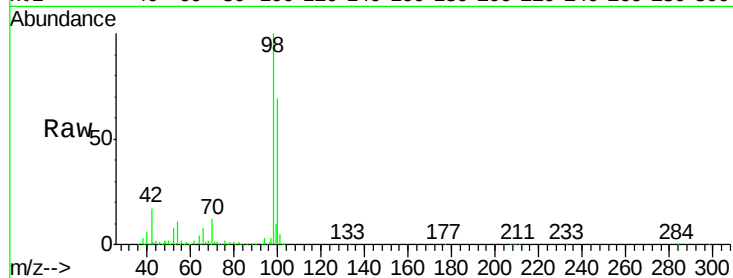
#50
Toluene-d8
Concen: 45.76 ug/l
RT: 7.70 min Scan# 727
Delta R.T. -0.01 min
Lab File: VF059211.D
Acq: 20 Jun 2018 3:30

Instrument :
MSVOA_F
ClientSampleId :
PL-01-061818-B

Tot Ion	Ion	Ratio	Lower	Upper
98	100			
100	68.8	55.6	83.4	

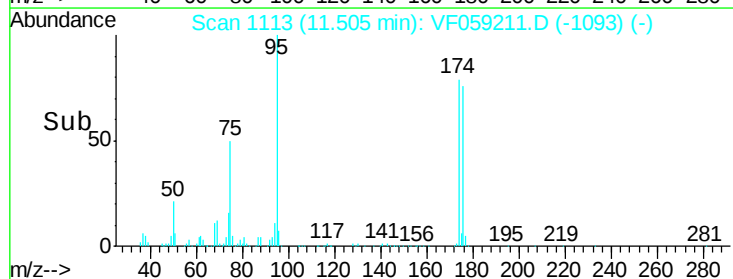
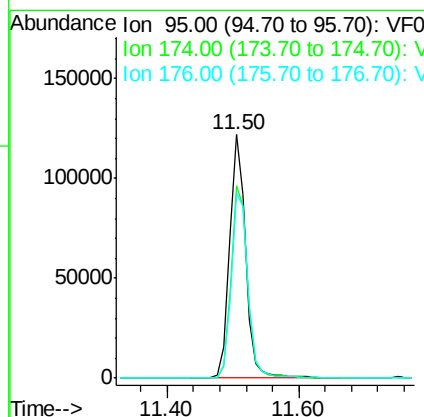
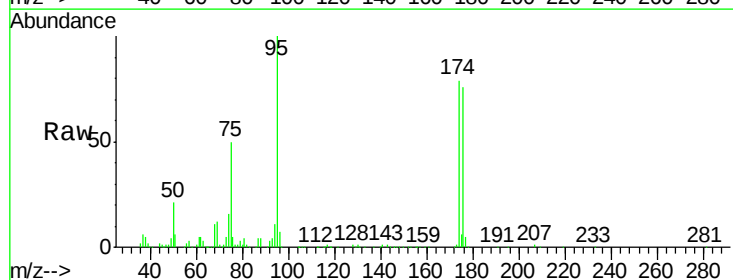
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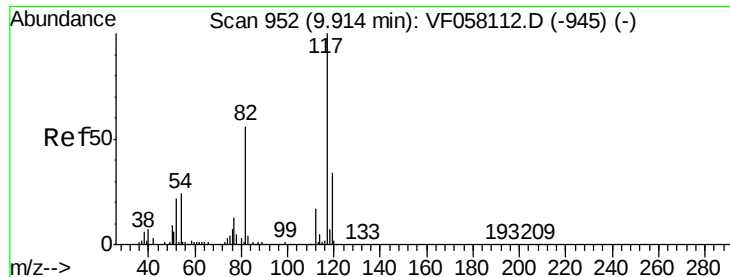
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#62
4-Bromofluorobenzene
Concen: 50.28 ug/l
RT: 11.50 min Scan# 1113
Delta R.T. -0.01 min
Lab File: VF059211.D
Acq: 20 Jun 2018 3:30

Tgt Ion	Ion	Ratio	Lower	Upper
95	100			
174	79.2	0.0	157.8	
176	76.1	0.0	155.8	





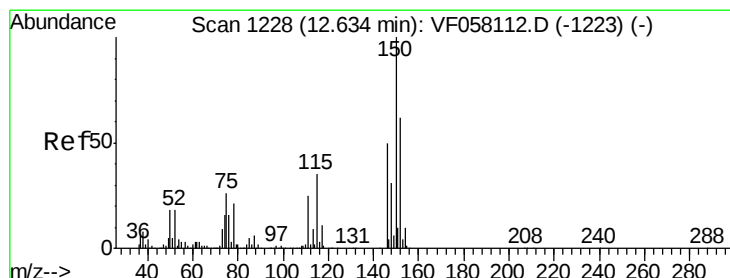
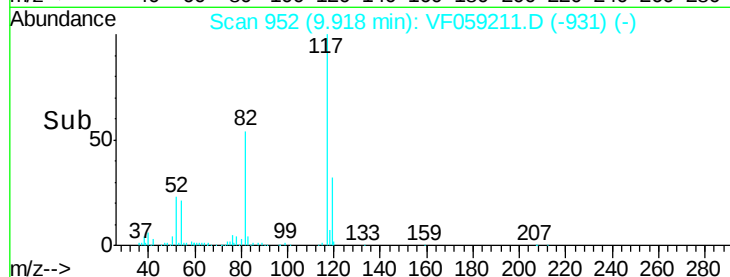
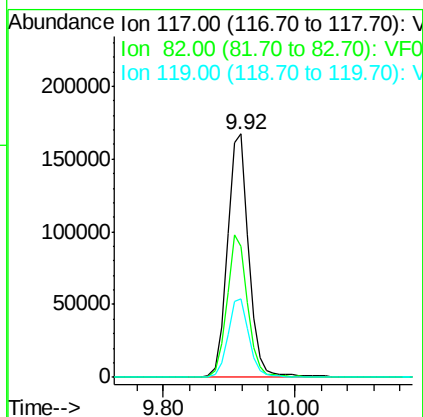
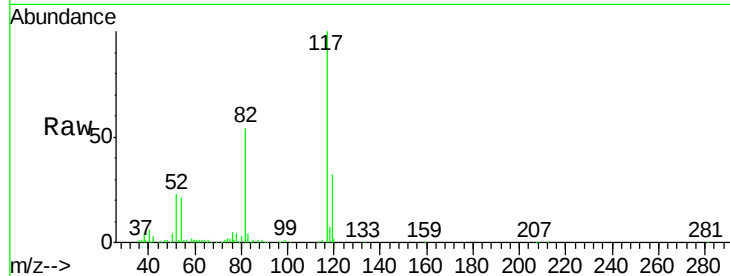
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.92 min Scan# 952
Delta R.T. 0.00 min
Lab File: VF059211.D
Acq: 20 Jun 2018 3:30

Instrument :
MSVOA_F
ClientSampleId :
PL-01-061818-B

Tot Ion	Ratio	Resp	Lower	Upper
117	100	379622		
82	54.0		45.2	67.8
119	32.0		27.5	41.3

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#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.63 min Scan# 1227
Delta R.T. -0.01 min
Lab File: VF059211.D
Acq: 20 Jun 2018 3:30

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	223812		
115	59.4		28.5	85.5
150	150.5		0.0	323.8

