

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF061918\
 Data File : VF059196.D
 Acq On : 19 Jun 2018 18:43
 Operator : VA/AP
 Sample : J3554-01
 Misc : 5.32g/5mL/MSVOA-F/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 A-1(2.0)

Manual Integrations
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apatel
 6/20/2018 10:19:36 AM

Quant Time: Jun 20 04:46:16 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	5.03	168	242813	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	5.75	114	385564	50.00	ug/l	-0.01
63) Chlorobenzene-d5	9.91	117	349335	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.62	152	201344	50.00	ug/l	-0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.01	65	177309	60.21	ug/l	0.00
Spiked Amount 50.000			Recovery	=	120.42%	
35) Dibromofluoromethane	4.29	113	152149	56.24	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	112.48%	
50) Toluene-d8	7.71	98	363590	45.75	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.50%	
62) 4-Bromofluorobenzene	11.50	95	184334	45.22	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	90.44%	
Target Compounds						
20) Methylene Chloride	2.30	84	3913m	2.32	ug/l	Qvalue

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

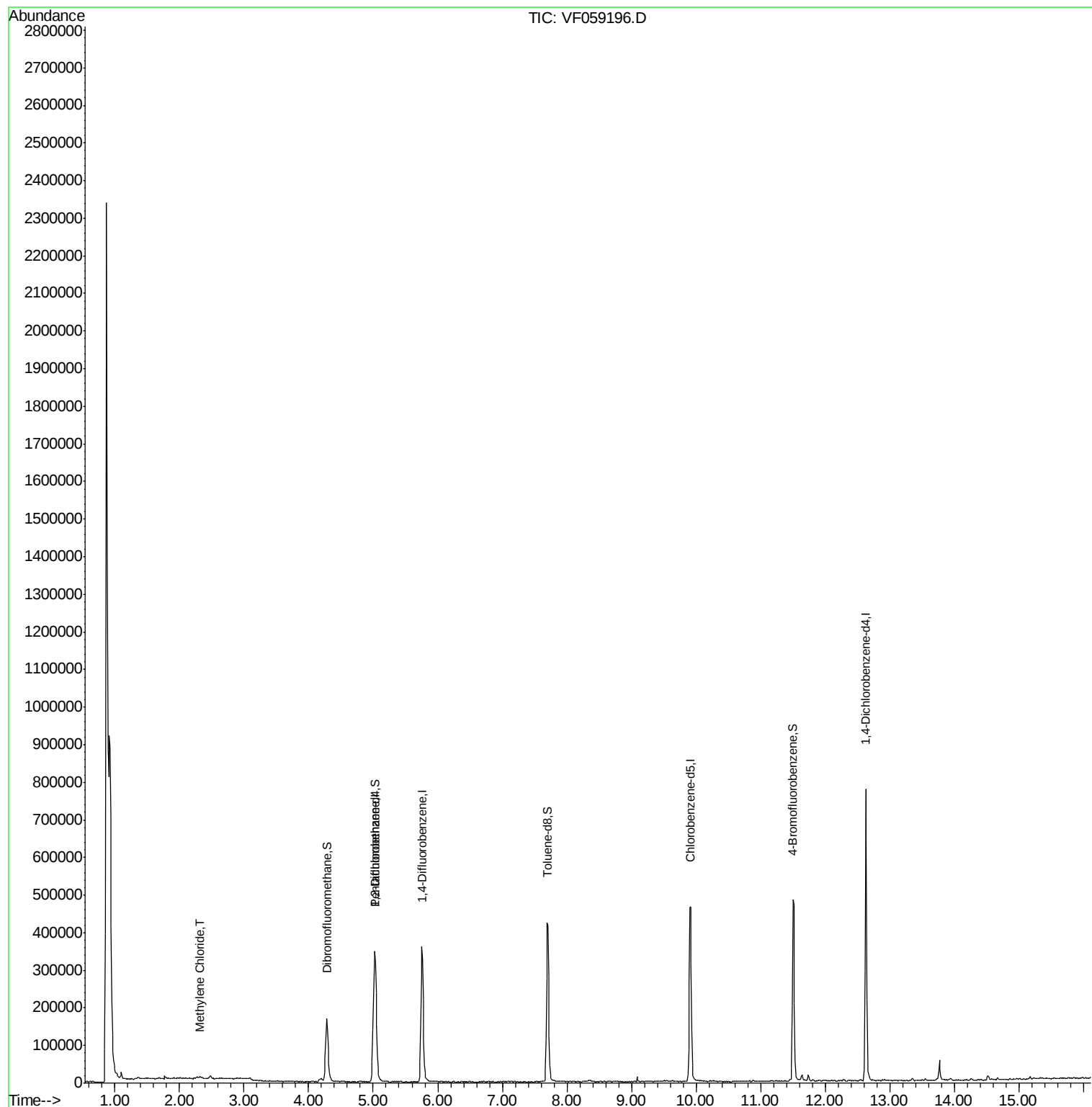
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF061918\
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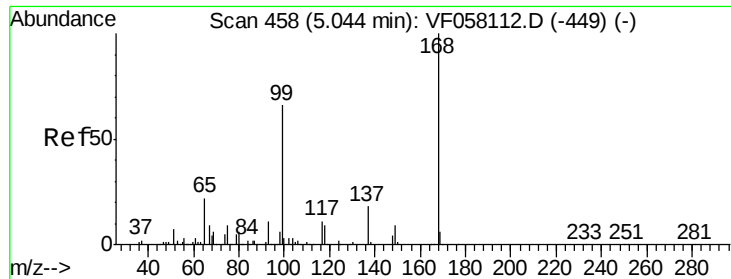
Instrument :
MSVOA_F
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Quant Time: Jun 20 04:46:16 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_F\METHODS\82F060618S.M
Quant Title : SW846 8260
QLast Update : Thu Jun 07 10:52:00 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.03 min Scan# 457

Delta R.T. -0.01 min

Lab File: VF059196.D

Acq: 19 Jun 2018 18:43

Instrument :

MSVOA_F

ClientSampleId :

A-1(2.0)

Tot Ion:168 Resp: 242813

Ion Ratio Lower Upper

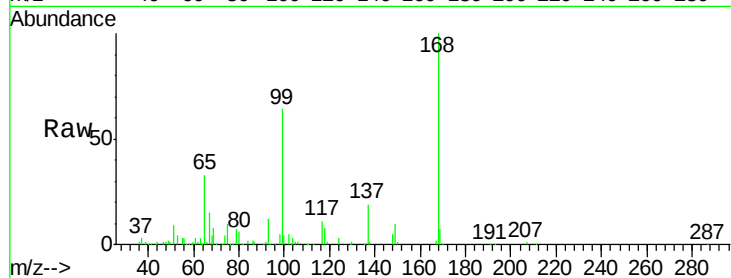
168 100

99 64.2 52.9 79.3

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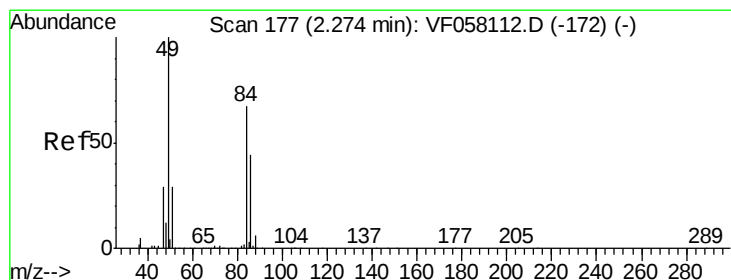
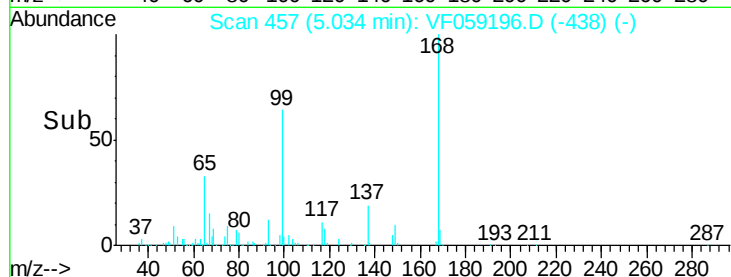
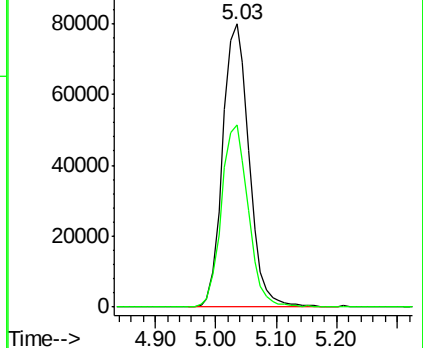
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Abundance Ion 168.00 (167.70 to 168.70): V

Ion 99.00 (98.70 to 99.70): VF0



#20

Methylene Chloride

Concen: 2.32 ug/l m

RT: 2.30 min Scan# 180

Delta R.T. 0.03 min

Lab File: VF059196.D

Acq: 19 Jun 2018 18:43

Tgt Ion: 84 Resp: 3913

Ion Ratio Lower Upper

84 100

49 163.0 121.0 181.4

51 53.9 35.8 53.6#

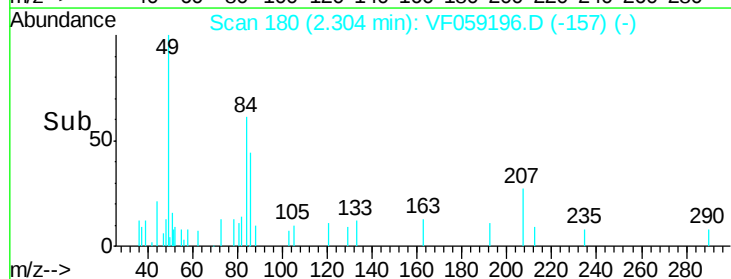
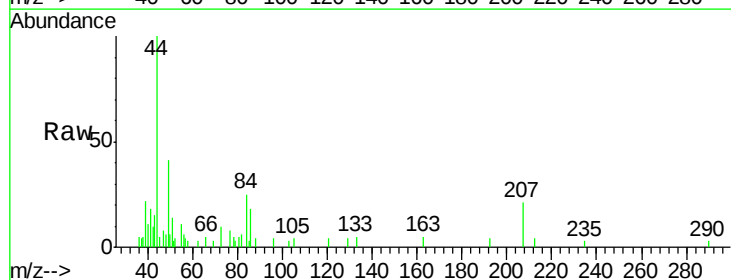
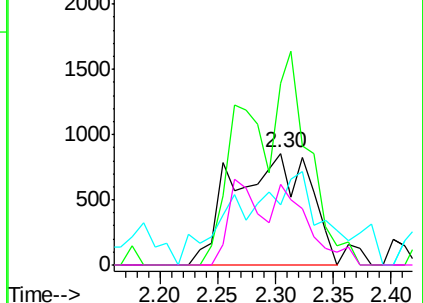
86 71.8 53.2 79.8

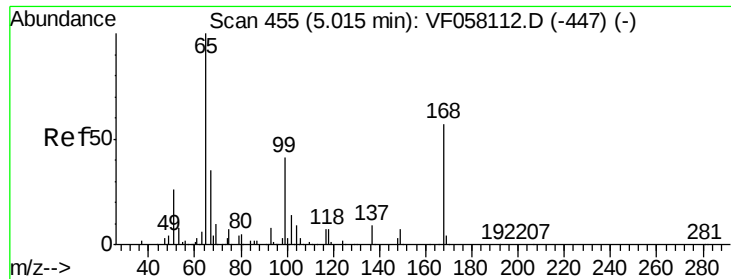
Abundance Ion 84.00 (83.70 to 84.70): VF0

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





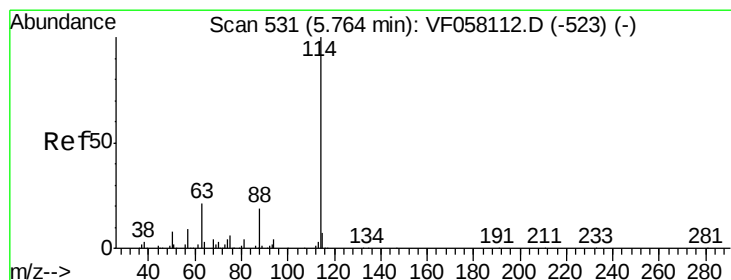
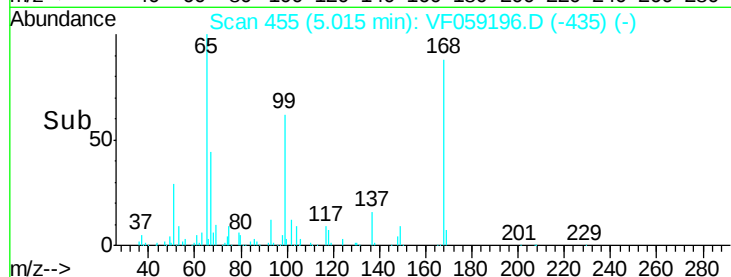
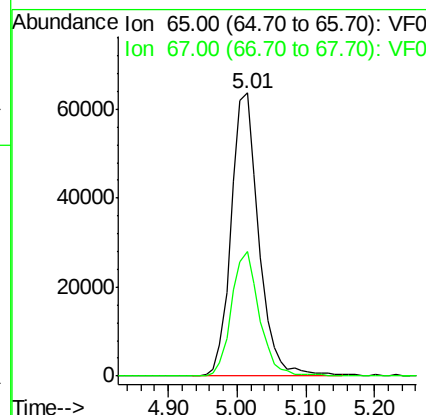
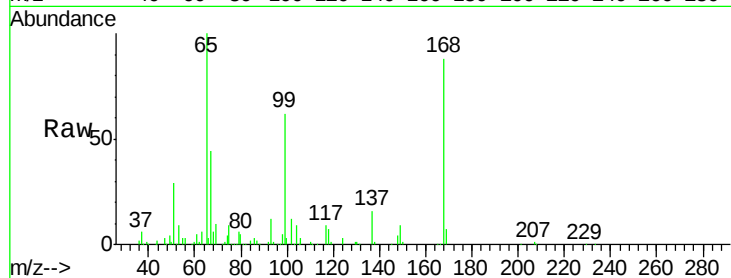
#33
 1,2-Dichloroethane-d4
 Concen: 60.21 ug/l
 RT: 5.01 min Scan# 455
 Delta R.T. -0.00 min
 Lab File: VF059196.D
 Acq: 19 Jun 2018 18:43

Instrument :
 MSVOA_F
 ClientSampleId :
 A-1(2.0)

Tot Ion	Ratio	Resp	Lower	Upper
65	100	177309		
67	43.9	0.0	97.0	

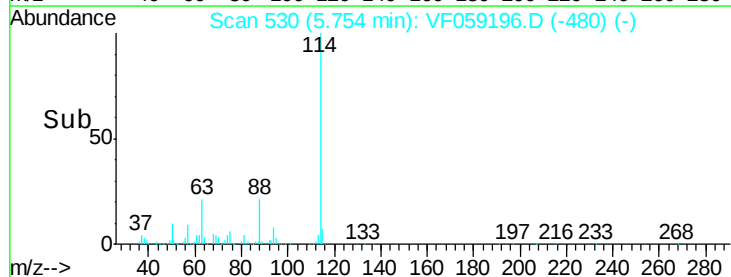
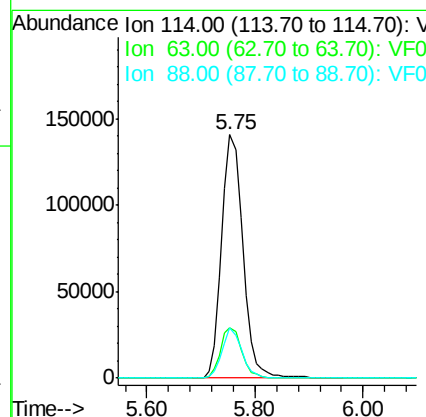
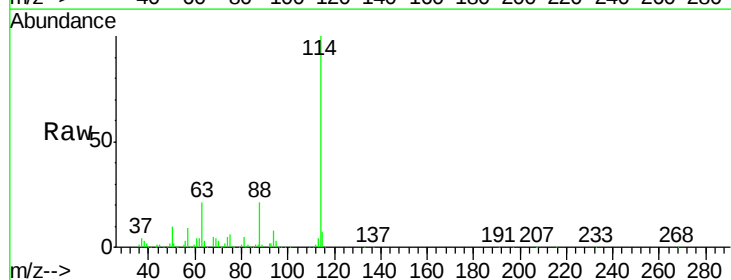
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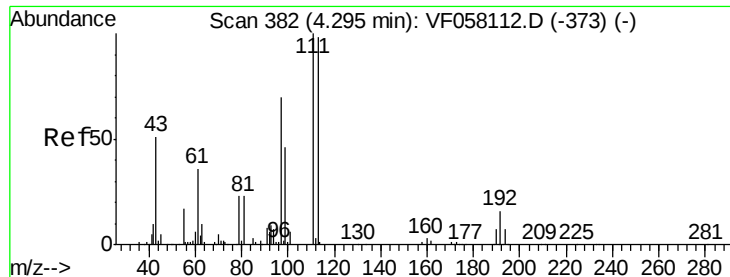
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#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 5.75 min Scan# 530
 Delta R.T. -0.01 min
 Lab File: VF059196.D
 Acq: 19 Jun 2018 18:43

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	385564		
63	20.8	0.0	41.6	
88	20.6	0.0	38.8	





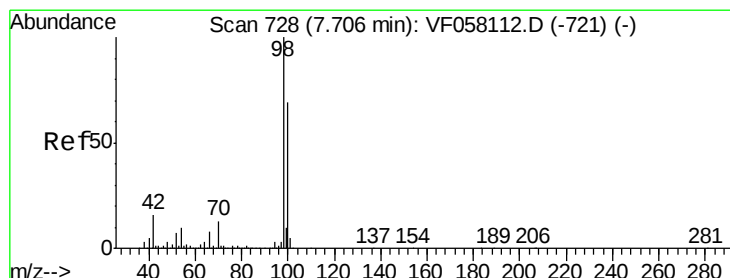
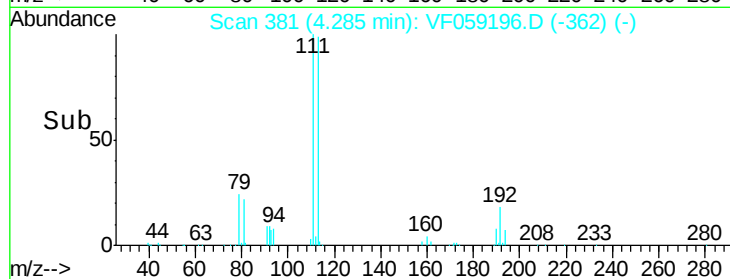
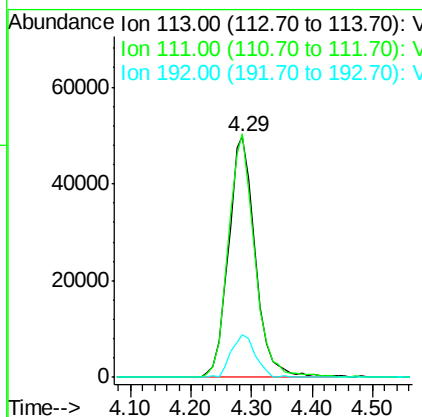
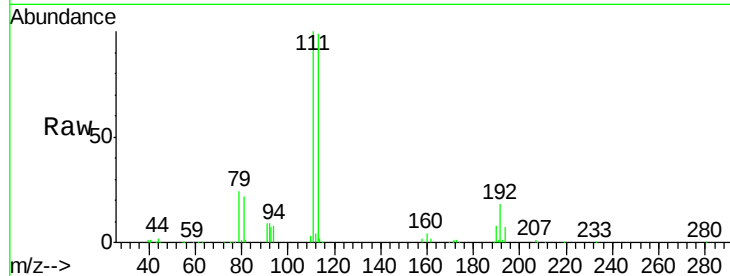
#35
Dibromofluoromethane
Concen: 56.24 ug/l
RT: 4.29 min Scan# 381
Delta R.T. -0.01 min
Lab File: VF059196.D
Acq: 19 Jun 2018 18:43

Instrument :
MSVOA_F
ClientSampleId :
A-1(2.0)

Tot Ion	Ratio	Resp	Lower	Upper
113	100	152149		
111	101.0	81.3	121.9	
192	17.9	12.7	19.1	

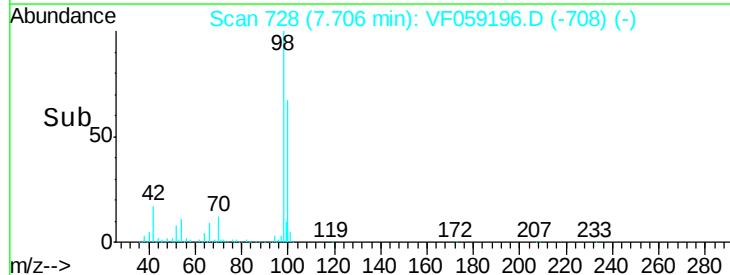
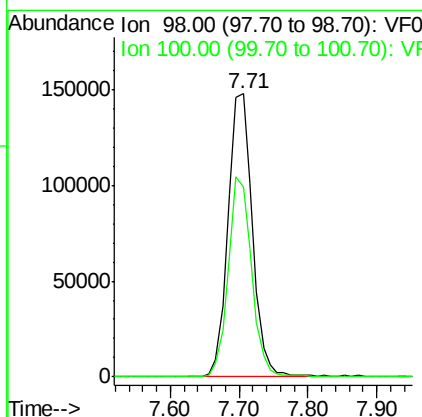
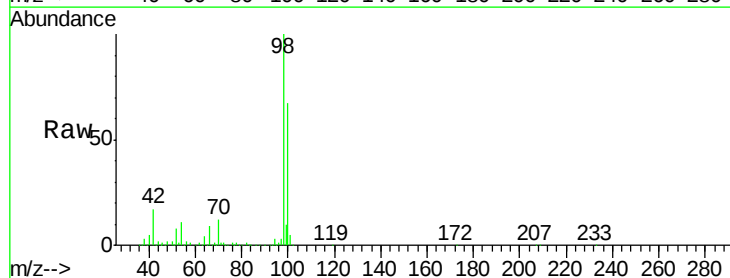
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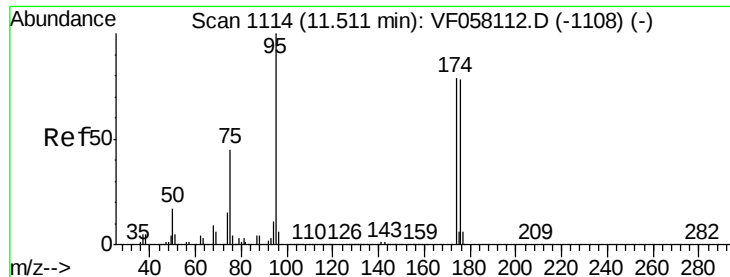
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#50
Toluene-d8
Concen: 45.75 ug/l
RT: 7.71 min Scan# 728
Delta R.T. -0.00 min
Lab File: VF059196.D
Acq: 19 Jun 2018 18:43

Tgt Ion	Ratio	Resp	Lower	Upper
98	100	363590		
100	67.1	55.6	83.4	





#62

4-Bromofluorobenzene

Concen: 45.22 ug/l

RT: 11.50 min Scan# 1113

Delta R.T. -0.01 min

Lab File: VF059196.D

Acq: 19 Jun 2018 18:43

Instrument :

MSVOA_F

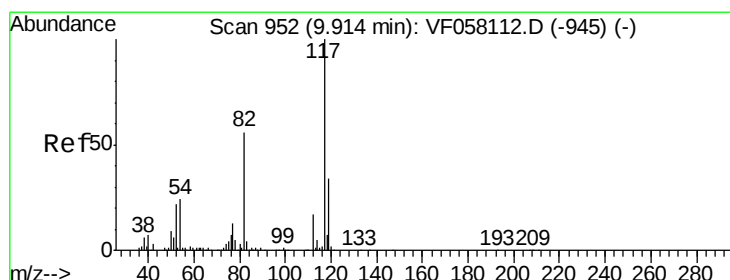
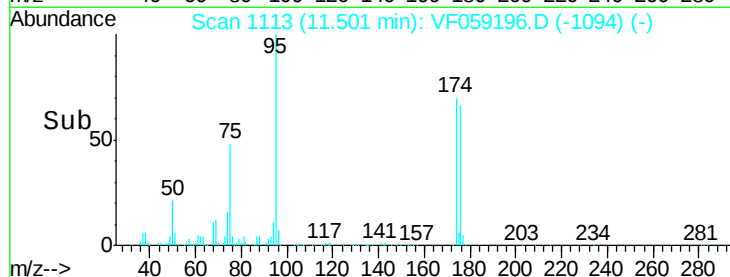
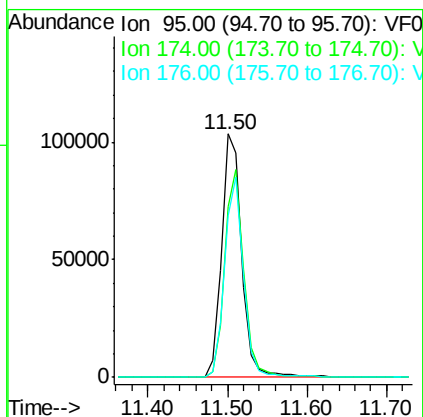
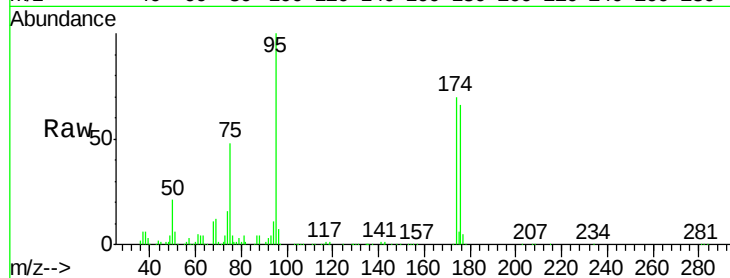
ClientSampled :

A-1(2.0)

Tot Ion:	95	Resp:	184334
Ion Ratio	Lower	Upper	
95	100		
174	70.1	0.0	157.8
176	66.3	0.0	155.8

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#63

Chlorobenzene-d5

Concen: 50.00 ug/l

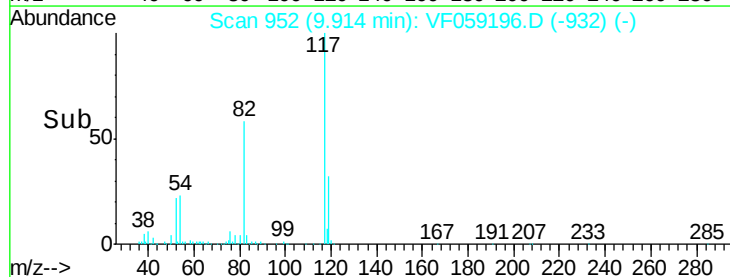
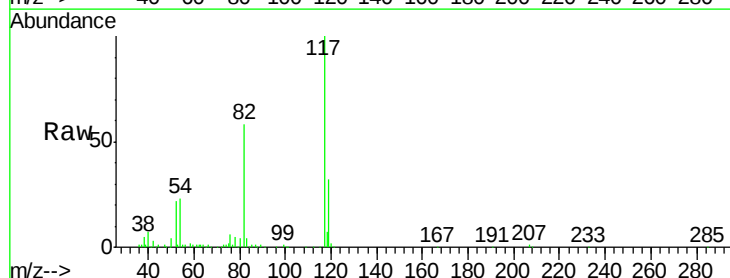
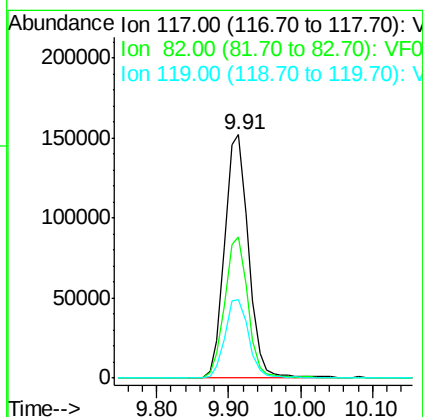
RT: 9.91 min Scan# 952

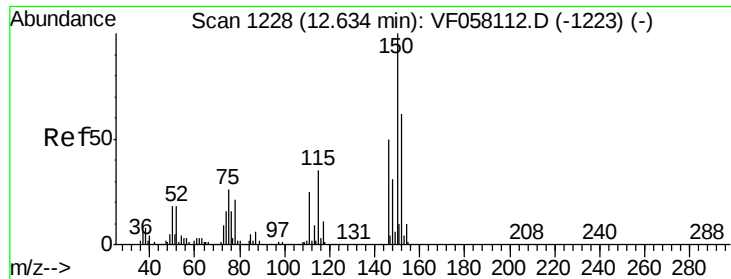
Delta R.T. -0.00 min

Lab File: VF059196.D

Acq: 19 Jun 2018 18:43

Tgt Ion:	117	Resp:	349335
Ion Ratio	Lower	Upper	
117	100		
82	58.0	45.2	67.8
119	32.1	27.5	41.3





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.62 min Scan# 1227

Delta R.T. -0.01 min

Lab File: VF059196.D

Acq: 19 Jun 2018 18:43

Instrument :

MSVOA_F

ClientSampleId :

A-1(2.0)

Tot Ion:	152	Resp:	201344
Ion Ratio	Lower	Upper	
152	100		
115	61.6	28.5	85.5
150	156.6	0.0	323.8

Manual Integrations
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