

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN081018\
 Data File : VN050517.D
 Acq On : 10 Aug 2018 14:57
 Operator : MD\SY
 Sample : J4397-01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-6

Manual Integrations
 APPROVED

MMDadoda
 8/13/2018 11:05:42 AM

Quant Time: Aug 13 11:14:31 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N080618W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 07 05:22:15 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	743941	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1149542	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	984901	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	389757	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	487709	49.07	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.14%	
35) Dibromofluoromethane	7.59	113	451714	48.97	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.94%	
50) Toluene-d8	10.09	98	1594585	45.98	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.96%	
62) 4-Bromofluorobenzene	12.40	95	457181	38.68	ug/l	0.00
Spiked Amount 50.000			Recovery	=	77.36%	
Target Compounds						
19) Methyl tert-butyl Ether	5.06	73	27839	1.22	ug/l	Qvalue 100

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

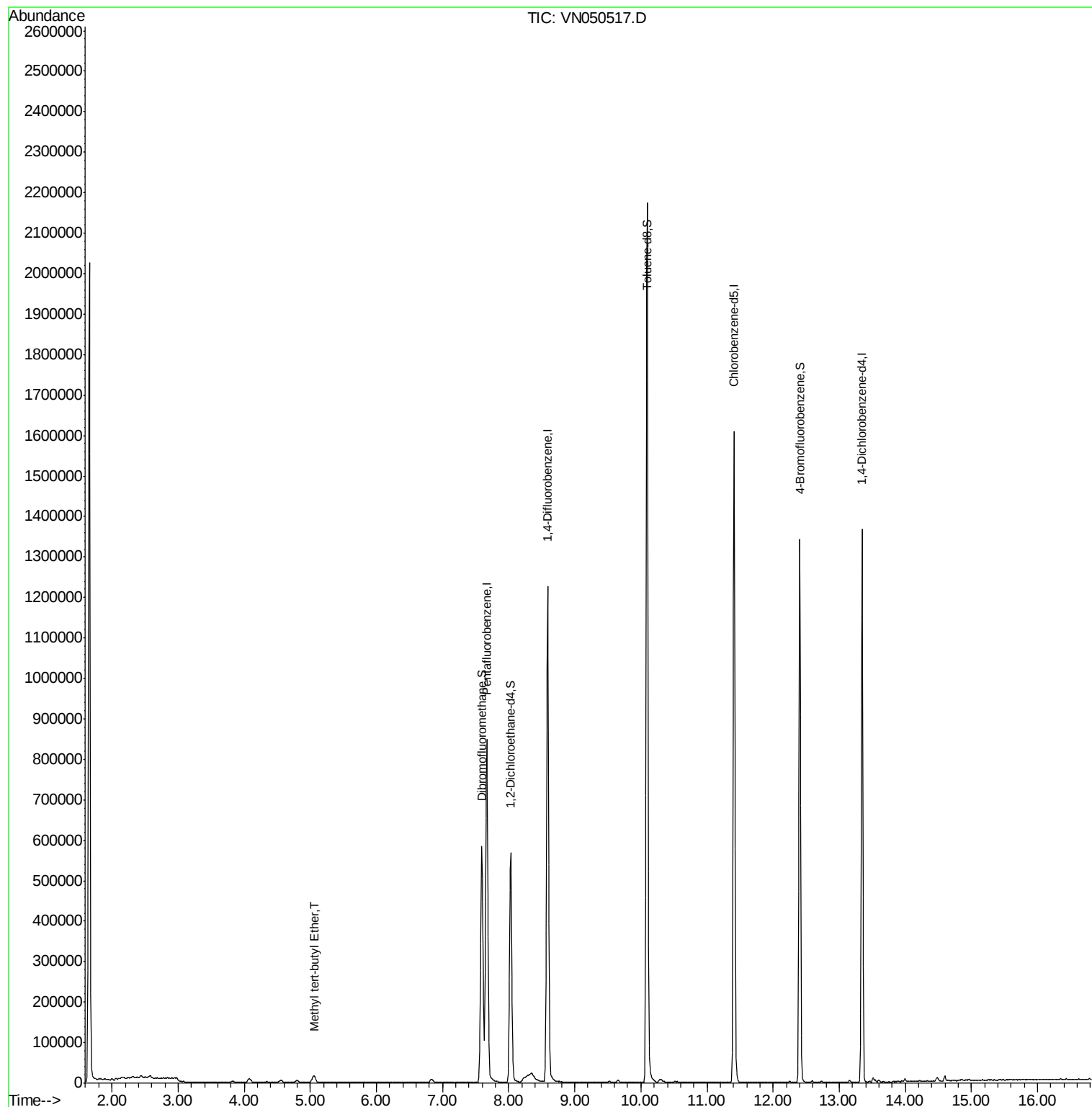
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN081018\
Data File : VN050517.D
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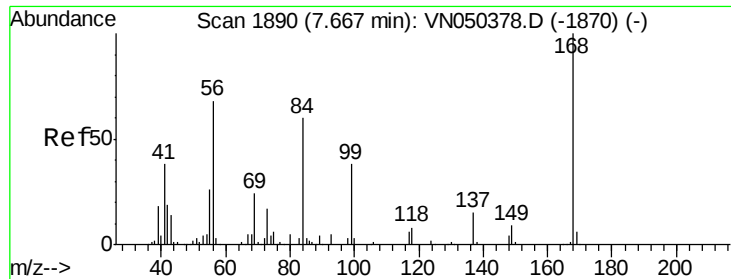
Instrument :
MSVOA_N
ClientSampleId :
MW-6

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N080618W.M
Quant Title : SW846 8260
QLast Update : Tue Aug 07 05:22:15 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.67 min Scan# 1891

Delta R.T. 0.00 min

Lab File: VN050517.D

Acq: 10 Aug 2018 14:57

Instrument :

MSVOA_N

ClientSampled :

MW-6

Tot Ion:168 Resp: 743941

Ion Ratio Lower Upper

168 100

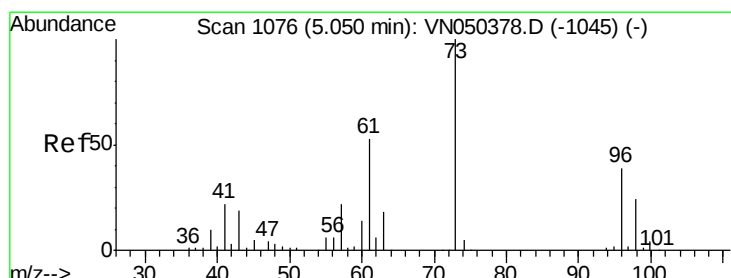
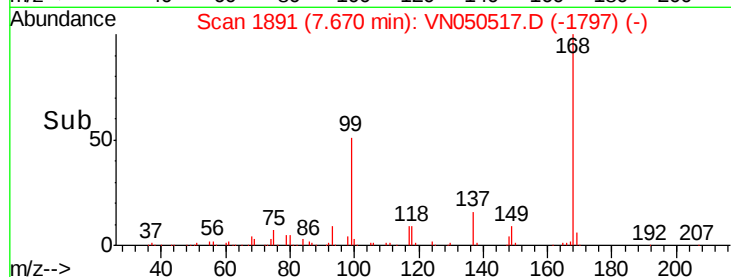
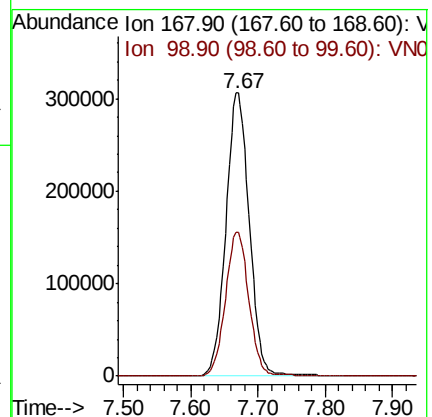
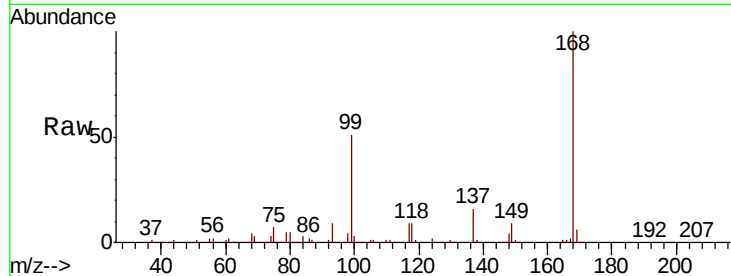
99 50.9 40.0 60.0

Manual Integrations

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8/13/2018 11:05:42 AM



#19

Methyl tert-butyl Ether

Concen: 1.22 ug/l

RT: 5.06 min Scan# 1078

Delta R.T. 0.01 min

Lab File: VN050517.D

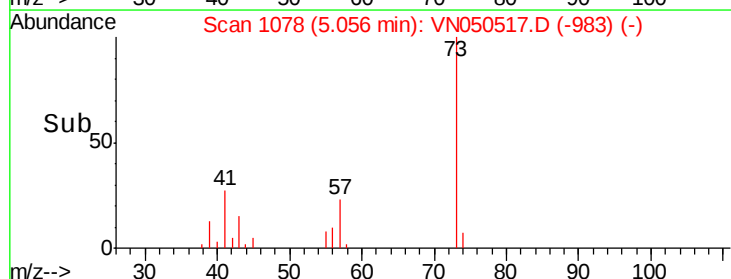
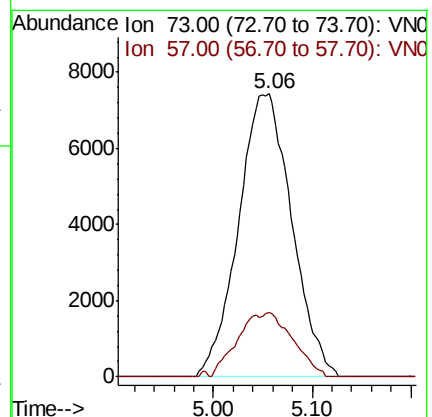
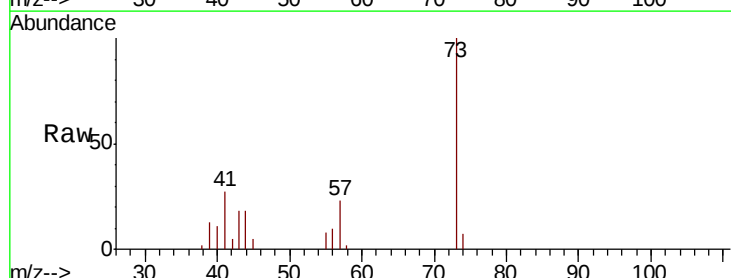
Acq: 10 Aug 2018 14:57

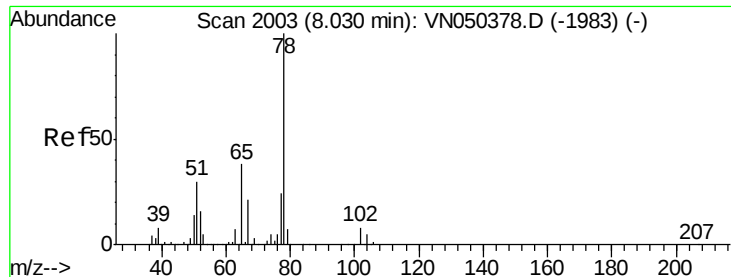
Tgt Ion: 73 Resp: 27839

Ion Ratio Lower Upper

73 100

57 22.7 18.0 27.0





#33

1,2-Dichloroethane-d4

Concen: 49.07 ug/l

RT: 8.03 min Scan# 2003

Delta R.T. 0.00 min

Lab File: VN050517.D

Acq: 10 Aug 2018 14:57

Instrument :

MSVOA_N

ClientSampled :

MW-6

Tot Ion: 65 Resp: 487709

Ion Ratio Lower Upper

65 100

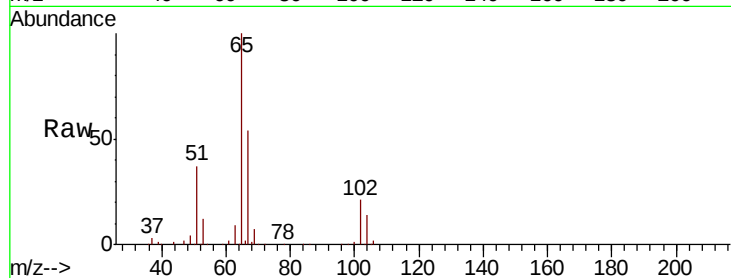
67 53.4 0.0 108.4

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Abundance Ion 64.90 (64.60 to 65.60): VN050517.D (-1910) (-)

Ion 66.90 (66.60 to 67.60): VN050517.D (-1910) (-)

8.03

200000

150000

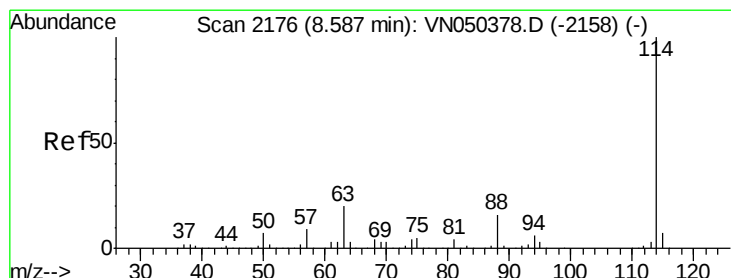
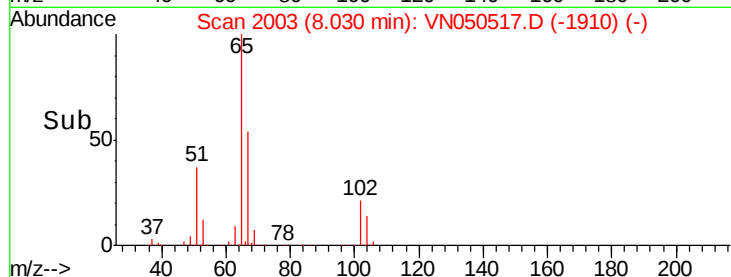
100000

50000

0

7.90 8.00 8.10

Time-->



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.59 min Scan# 2177

Delta R.T. 0.00 min

Lab File: VN050517.D

Acq: 10 Aug 2018 14:57

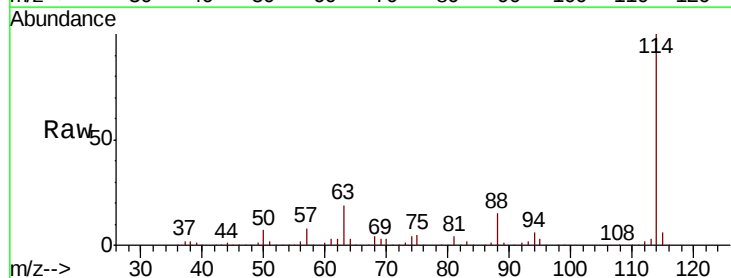
Tgt Ion: 114 Resp: 1149542

Ion Ratio Lower Upper

114 100

63 19.5 0.0 40.0

88 15.4 0.0 31.2



Abundance Ion 113.90 (113.60 to 114.60): VN050517.D (-2083) (-)

Ion 63.00 (62.70 to 63.70): VN050517.D (-2083) (-)

Ion 87.90 (87.60 to 88.60): VN050517.D (-2083) (-)

8.59

600000

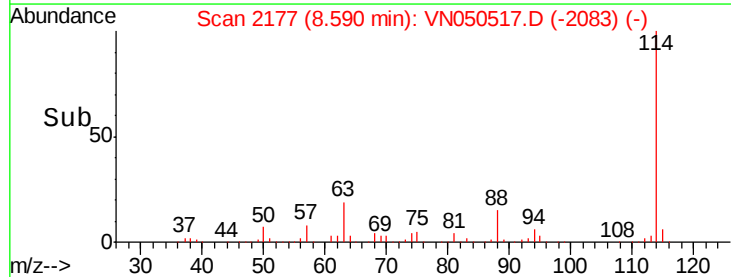
400000

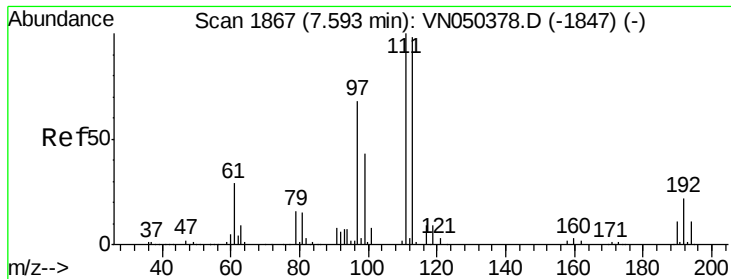
200000

0

8.50 8.60 8.70

Time-->





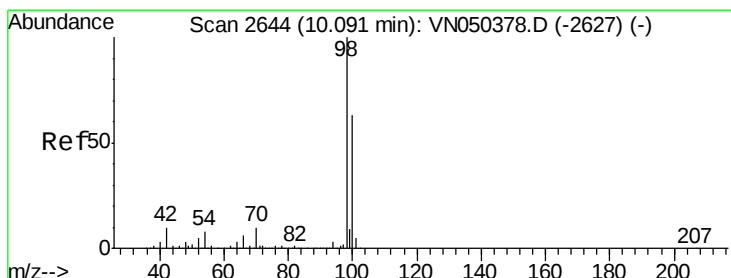
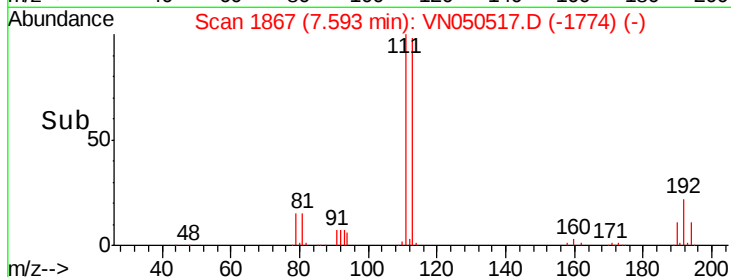
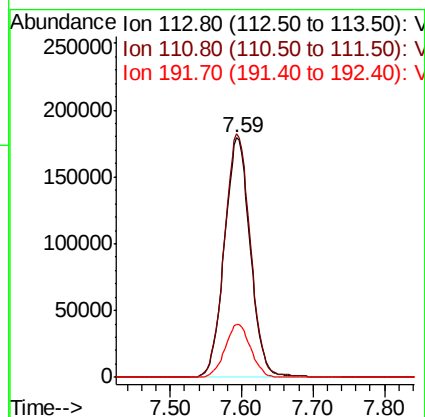
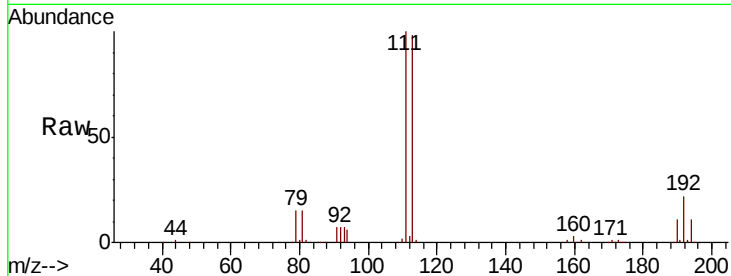
#35
 Dibromofluoromethane
 Concen: 48.97 ug/l
 RT: 7.59 min Scan# 1867
 Delta R.T. 0.00 min
 Lab File: VN050517.D
 Acq: 10 Aug 2018 14:57

Instrument :
 MSVOA_N
 ClientSampled :
 MW-6

Tot Ion	Ratio	Lower	Upper
113	100		
111	102.5	80.7	121.1
192	21.9	17.8	26.6

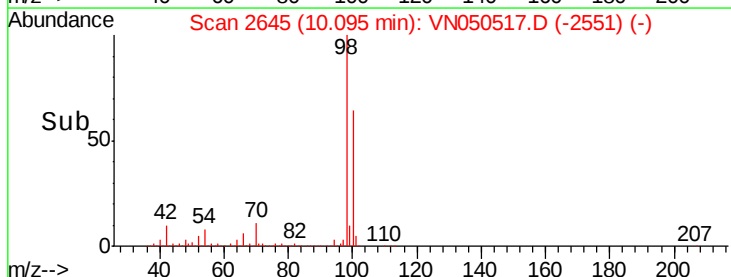
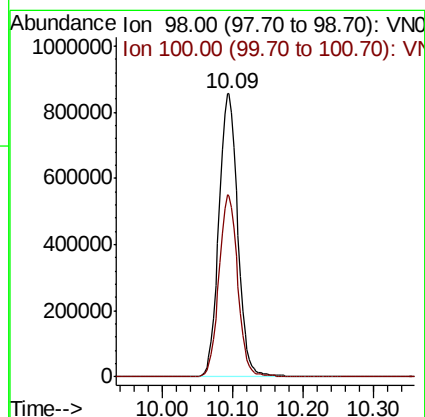
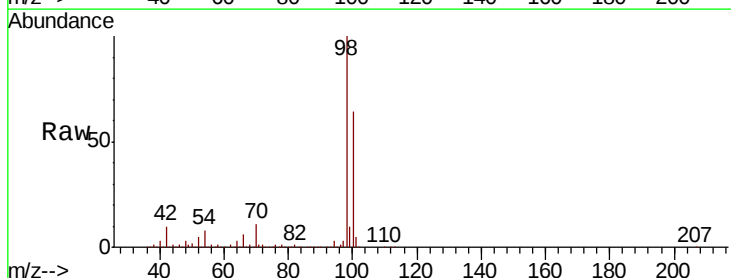
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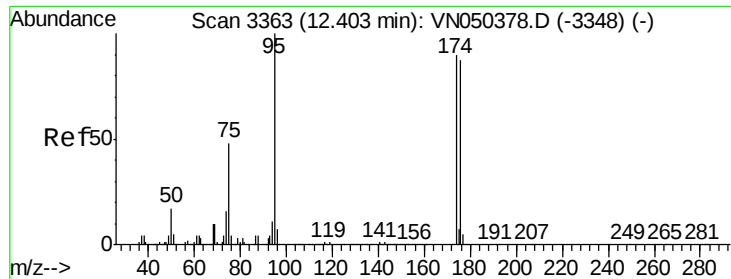
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#50
 Toluene-d8
 Concen: 45.98 ug/l
 RT: 10.09 min Scan# 2645
 Delta R.T. 0.00 min
 Lab File: VN050517.D
 Acq: 10 Aug 2018 14:57

Tgt Ion	Ratio	Lower	Upper
98	100		
100	63.9	50.7	76.1





#62

4-Bromofluorobenzene

Concen: 38.68 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.00 min

Lab File: VN050517.D

Acq: 10 Aug 2018 14:57

Instrument :

MSVOA_N

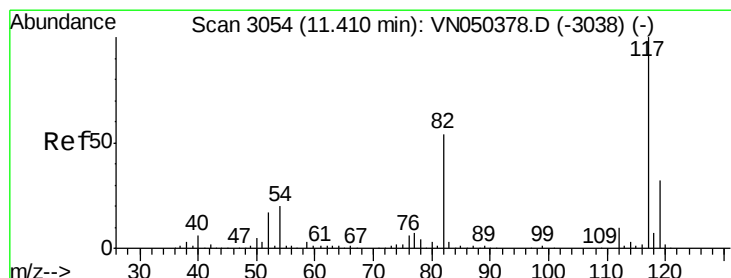
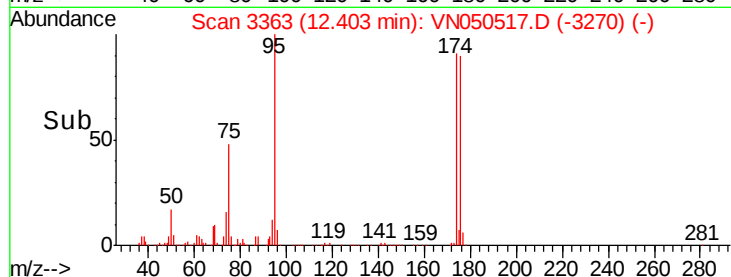
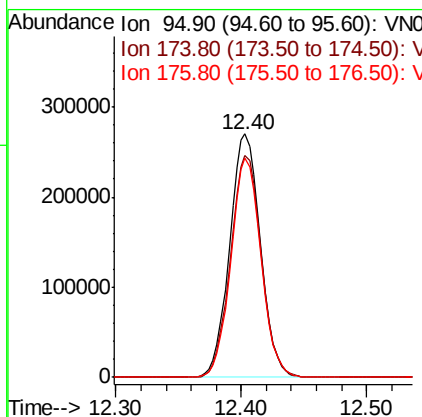
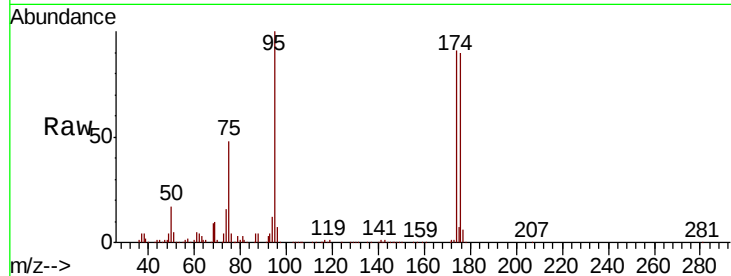
ClientSampled :

MW-6

Tot Ion:	95	Resp:	457181
Ion Ratio	Lower	Upper	
95	100		
174	91.6	0.0	178.2
176	88.4	0.0	173.4

Manual Integrations
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#63

Chlorobenzene-d5

Concen: 50.00 ug/l

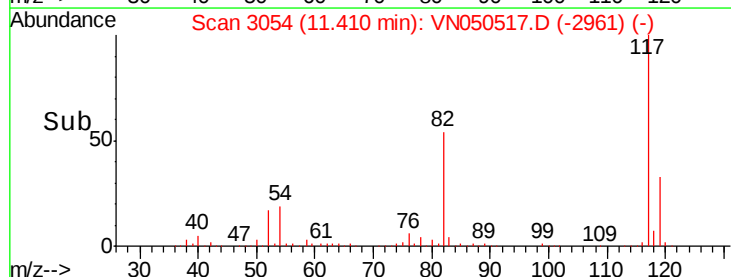
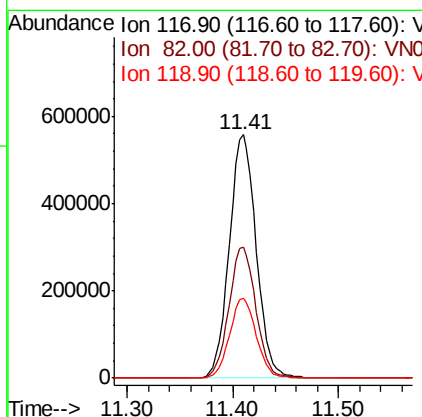
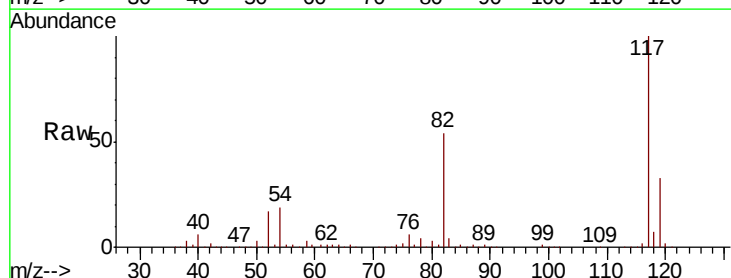
RT: 11.41 min Scan# 3054

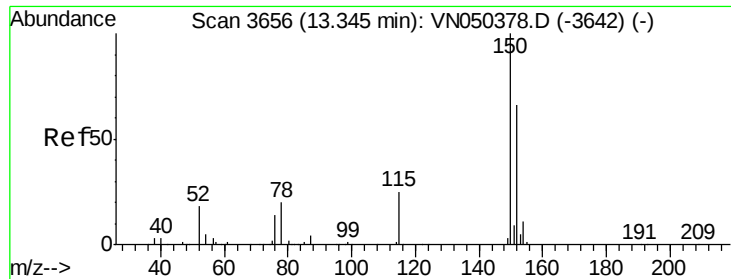
Delta R.T. 0.00 min

Lab File: VN050517.D

Acq: 10 Aug 2018 14:57

Tgt Ion:	117	Resp:	984901
Ion Ratio	Lower	Upper	
117	100		
82	53.9	43.7	65.5
119	33.0	26.1	39.1





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.35 min Scan# 3656

Delta R.T. 0.00 min

Lab File: VN050517.D

Acq: 10 Aug 2018 14:57

Instrument :

MSVOA_N

ClientSampleId :

MW-6

Tot Ion	Ratio	Resp	Lower	Upper
152	100	389757		
115	55.8	27.8	83.3	
150	156.2	0.0	348.6	

Manual Integrations
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MMDadoda
8/13/2018 11:05:42 AM

