

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN072618\
 Data File : VN050085.D
 Acq On : 26 Jul 2018 16:26
 Operator : MD\SY
 Sample : J4142-02
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-5

Manual Integrations
 APPROVED

MMDadoda
 7/27/2018 12:15:47 PM

Quant Time: Aug 03 23:49:28 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N072418W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 26 18:10:10 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	678372	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1106407	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	940753	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	407567	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	478361	50.54	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.08%	
35) Dibromofluoromethane	7.60	113	419289	46.41	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.82%	
50) Toluene-d8	10.09	98	1495052	45.02	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.04%	
62) 4-Bromofluorobenzene	12.40	95	459753	42.04	ug/l	0.00
Spiked Amount 50.000			Recovery	=	84.08%	
Target Compounds						
19) Methyl tert-butyl Ether	5.05	73	16192m	0.777	ug/l	
73) Isopropylbenzene	12.25	105	26398	0.835	ug/l	98
78) n-propylbenzene	12.59	91	41360	1.171	ug/l	99
85) sec-Butylbenzene	13.17	105	28056	0.968	ug/l	86
89) n-Butylbenzene	13.62	91	10665	0.531	ug/l #	54

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

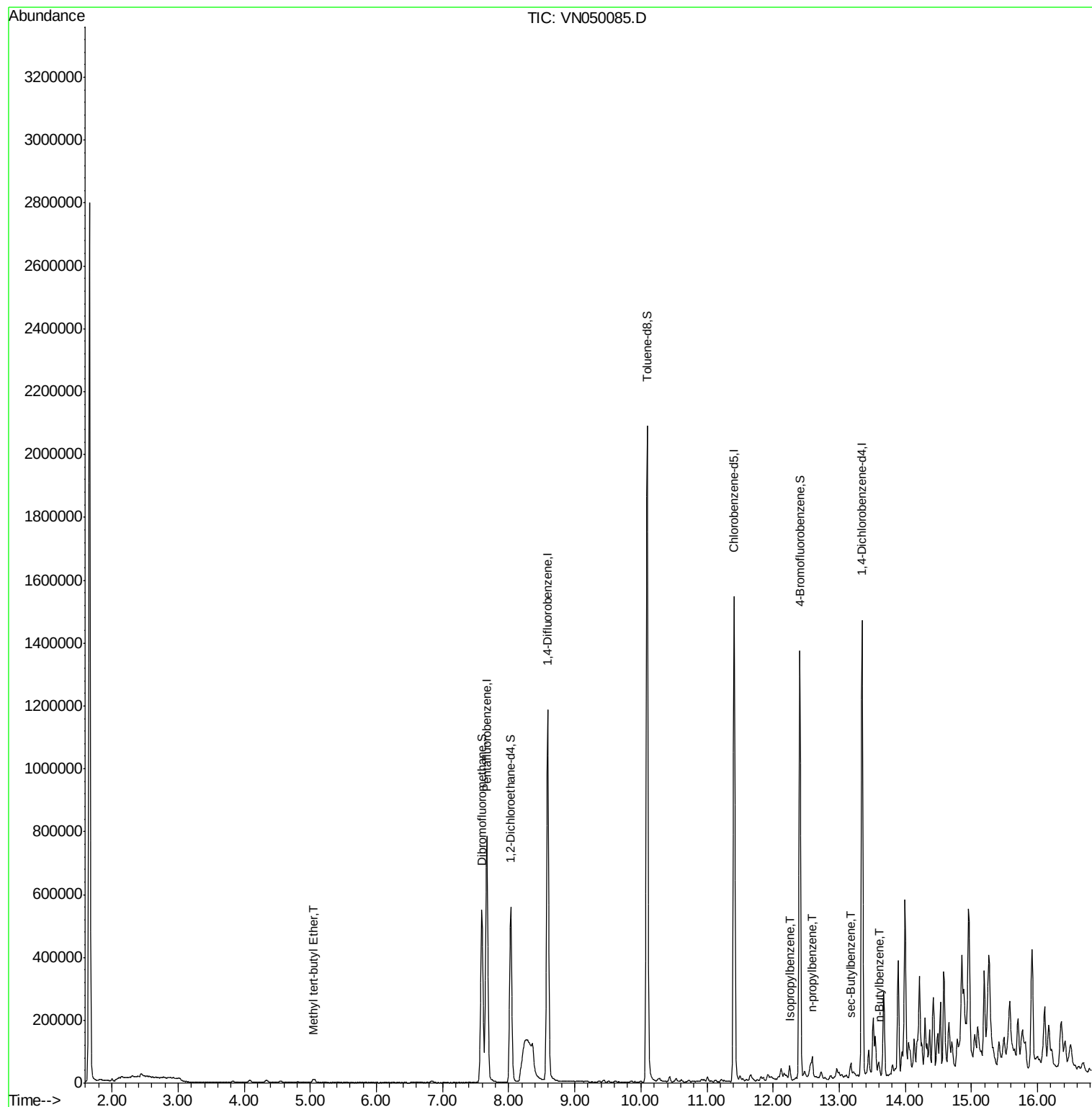
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN072618\
Data File : VN050085.D
Acq On : 26 Jul 2018 16:26
Operator : MD\SY
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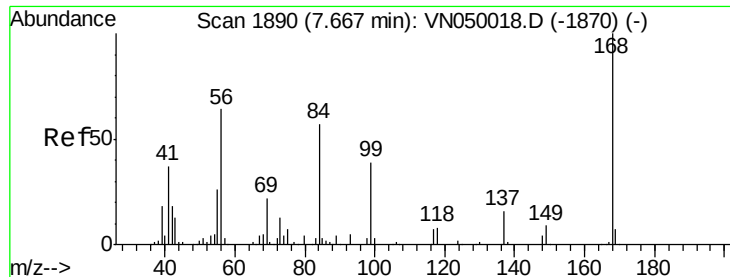
Instrument :
MSVOA_N
ClientSampleId :
MW-5

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Quant Time: Aug 03 23:49:28 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N072418W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 26 18:10:10 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1891

Delta R.T. 0.00 min

Lab File: VN050085.D

Acq: 26 Jul 2018 16:26

Instrument :

MSVOA_N

ClientSampled :

MW-5

Tgt Ion:168 Resp: 678372

Ion Ratio Lower Upper

168 100

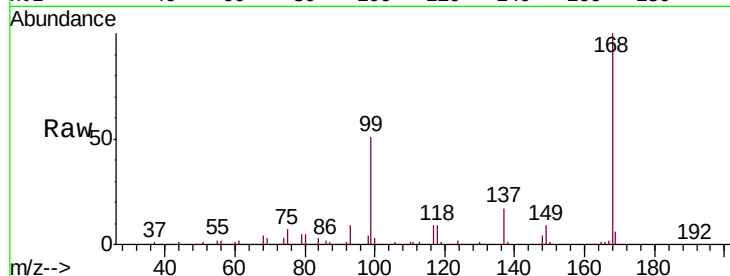
99 51.3 40.0 60.0

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.67

300000

250000

200000

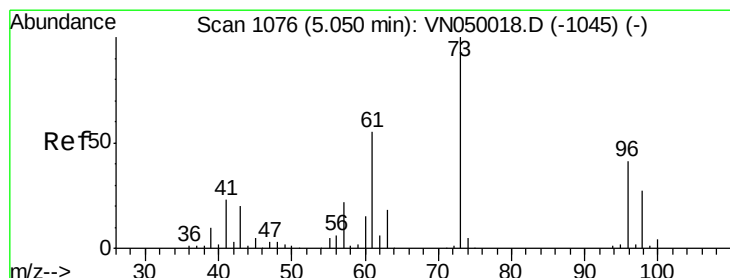
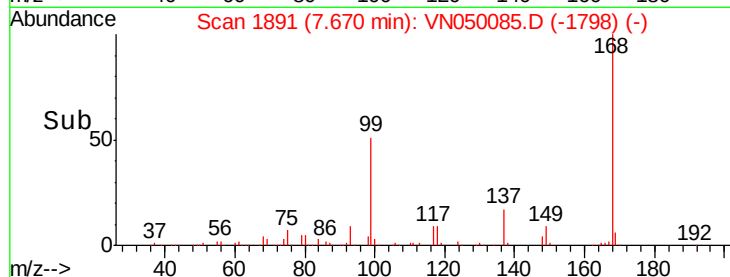
150000

100000

50000

0

Time-->



#19

Methyl tert-butyl Ether

Concen: 0.777 ug/l m

RT: 5.05 min Scan# 1076

Delta R.T. -0.00 min

Lab File: VN050085.D

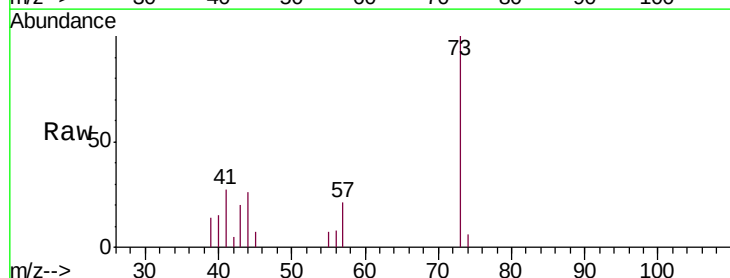
Acq: 26 Jul 2018 16:26

Tgt Ion: 73 Resp: 16192

Ion Ratio Lower Upper

73 100

57 20.5 18.0 27.0



Abundance Ion 73.00 (72.70 to 73.70): VN

Ion 57.00 (56.70 to 57.70): VN

5.05

5000

4000

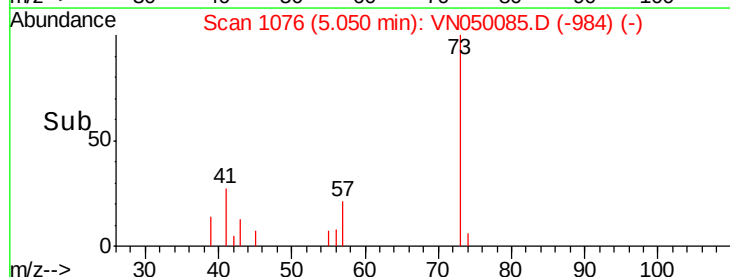
3000

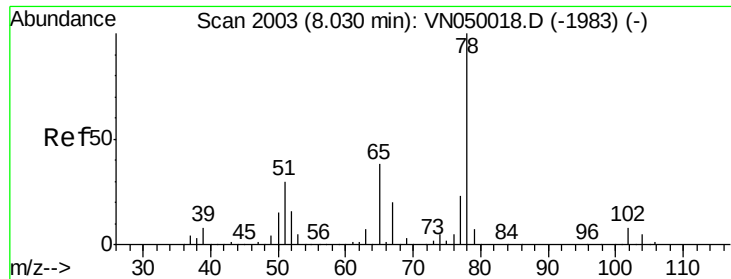
2000

1000

0

Time-->





#33

1,2-Dichloroethane-d4

Concen: 50.541 ug/l

RT: 8.03 min Scan# 2003

Delta R.T. 0.00 min

Lab File: VN050085.D

Acq: 26 Jul 2018 16:26

Instrument :

MSVOA_N

ClientSampled :

MW-5

Tgt Ion: 65 Resp: 478361

Ion Ratio Lower Upper

65 100

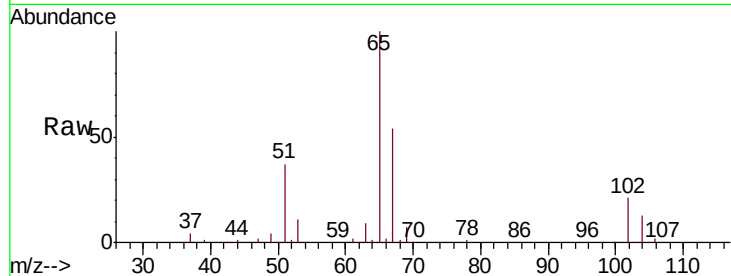
67 53.4 0.0 108.4

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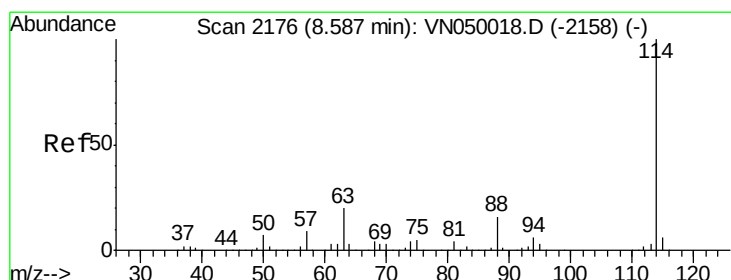
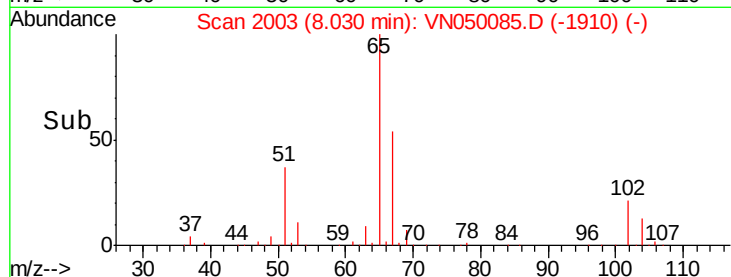
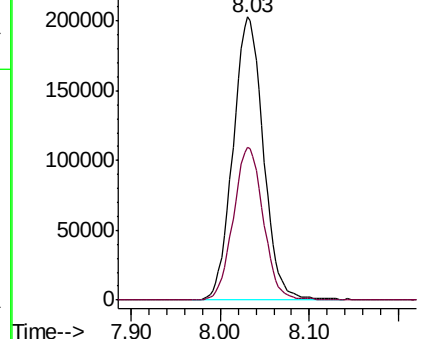
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Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.59 min Scan# 2177

Delta R.T. 0.00 min

Lab File: VN050085.D

Acq: 26 Jul 2018 16:26

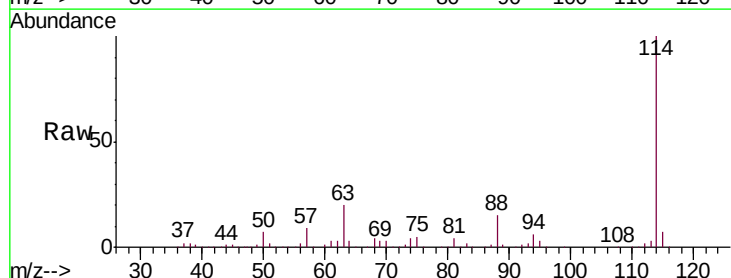
Tgt Ion: 114 Resp: 1106407

Ion Ratio Lower Upper

114 100

63 19.9 0.0 40.0

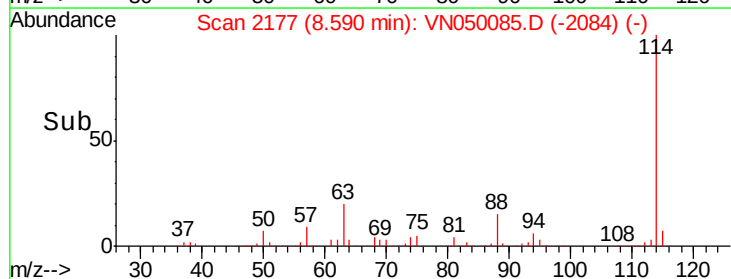
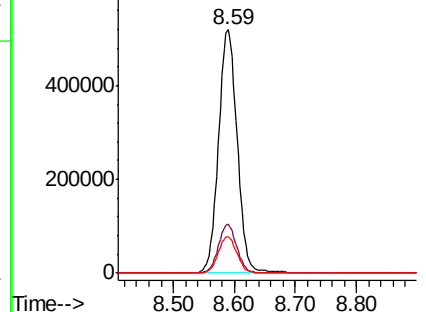
88 15.1 0.0 31.2

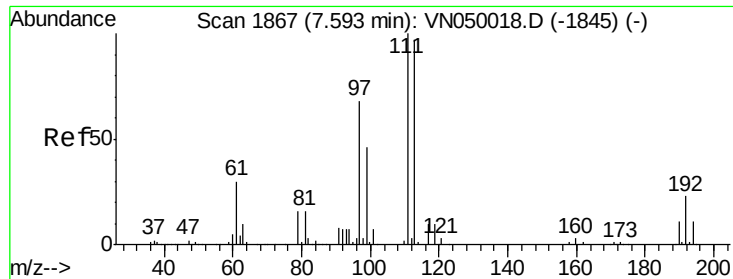


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN0

Ion 87.90 (87.60 to 88.60): VN0





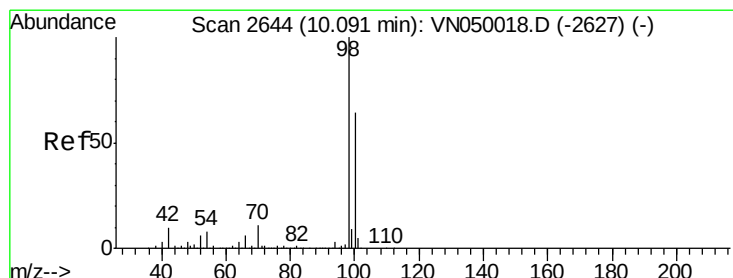
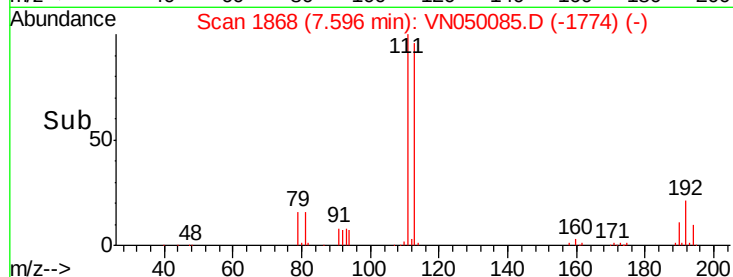
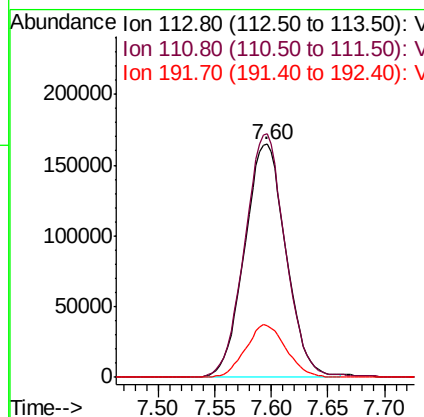
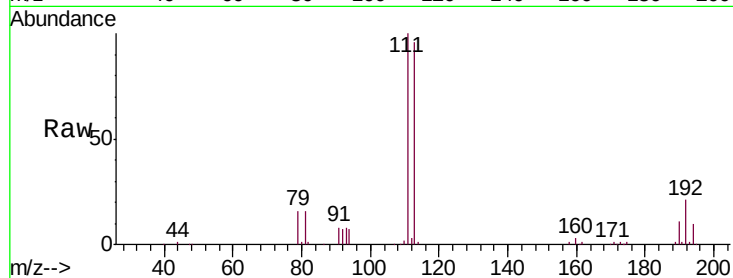
#35
 Dibromofluoromethane
 Concen: 46.415 ug/l
 RT: 7.60 min Scan# 1867
 Delta R.T. 0.00 min
 Lab File: VN050085.D
 Acq: 26 Jul 2018 16:26

Instrument :
 MSVOA_N
 ClientSampled :
 MW-5

Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.2	80.7	121.1
192	22.1	17.8	26.6

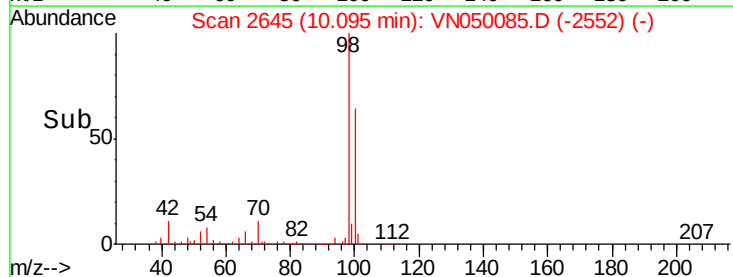
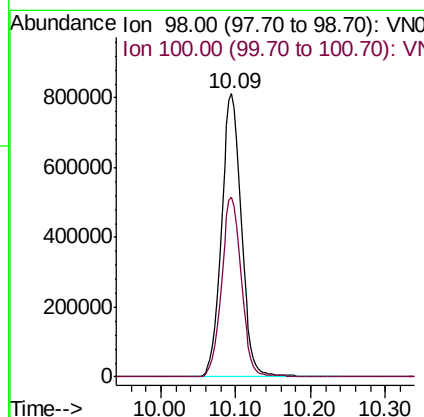
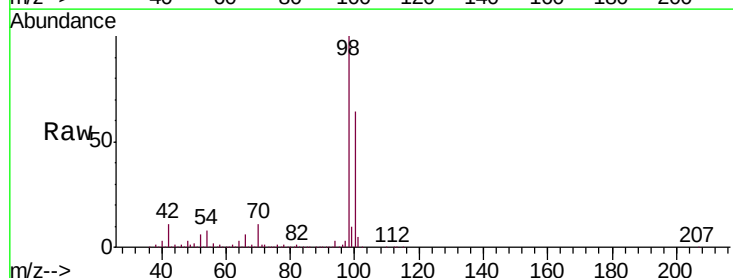
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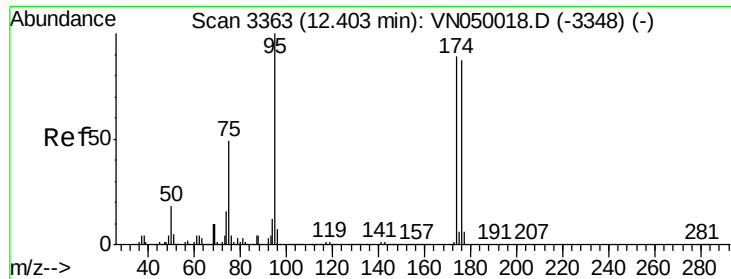
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#50
 Toluene-d8
 Concen: 45.017 ug/l
 RT: 10.09 min Scan# 2645
 Delta R.T. 0.00 min
 Lab File: VN050085.D
 Acq: 26 Jul 2018 16:26

Tgt Ion	Ratio	Lower	Upper
98	100		
100	63.2	50.7	76.1





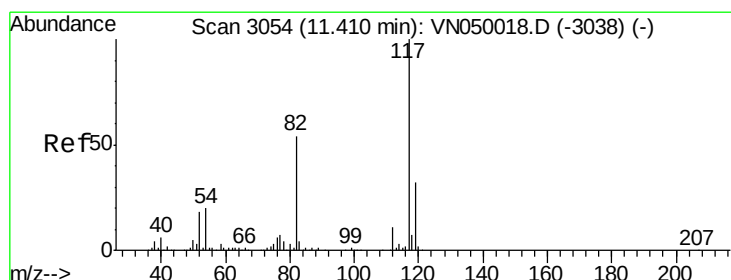
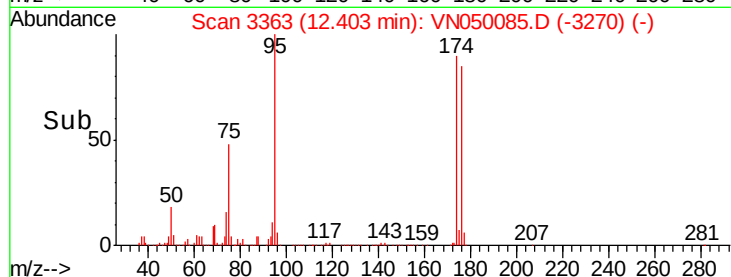
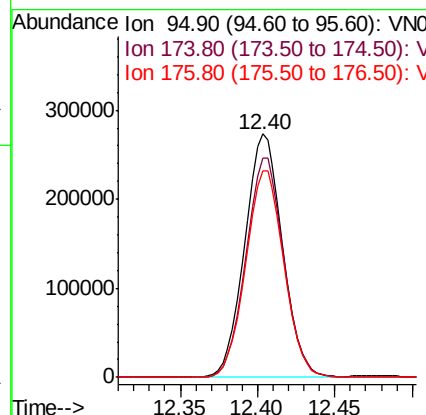
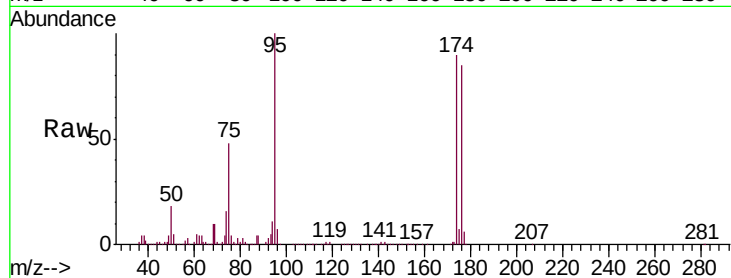
#62
4-Bromofluorobenzene
Concen: 42.042 ug/l
RT: 12.40 min Scan# 3363
Delta R.T. 0.00 min
Lab File: VN050085.D
Acq: 26 Jul 2018 16:26

Instrument :
MSVOA_N
ClientSampled :
MW-5

Tgt Ion	Ratio	Resp	Lower	Upper
95	100	459753		
174	91.0	0.0	178.2	
176	86.6	0.0	173.4	

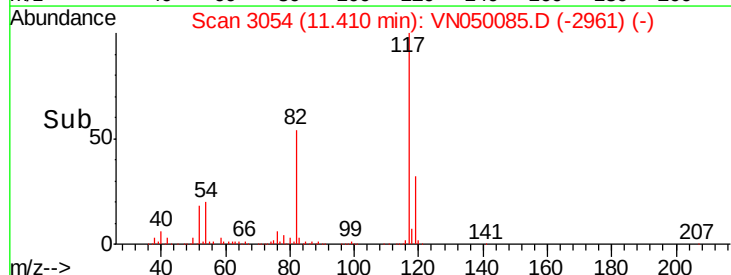
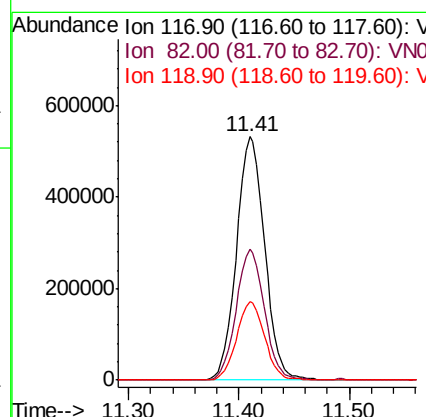
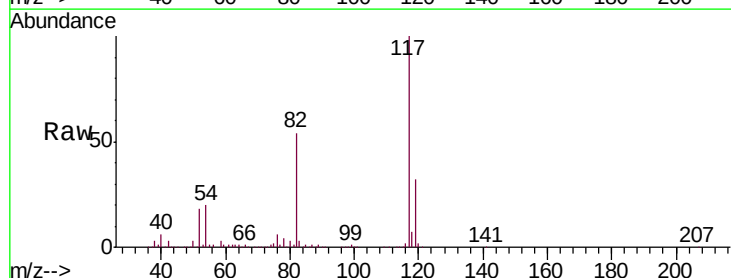
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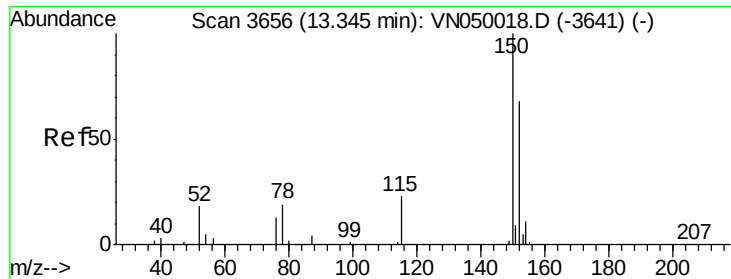
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#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 3054
Delta R.T. 0.00 min
Lab File: VN050085.D
Acq: 26 Jul 2018 16:26

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	940753		
82	53.7	43.7	65.5	
119	32.2	26.1	39.1	





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3656

Delta R.T. 0.00 min

Lab File: VN050085.D

Acq: 26 Jul 2018 16:26

Instrument :

MSVOA_N

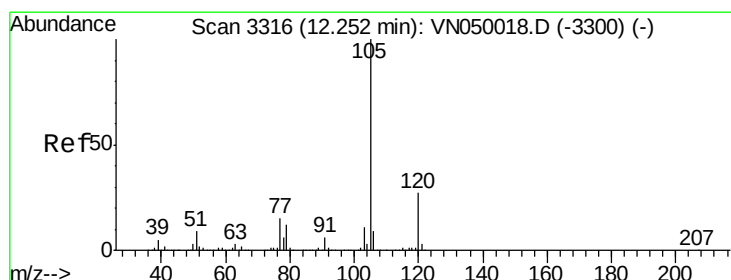
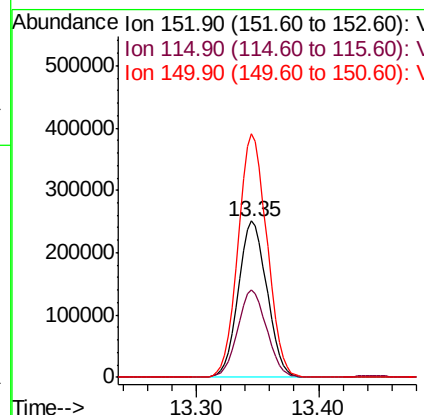
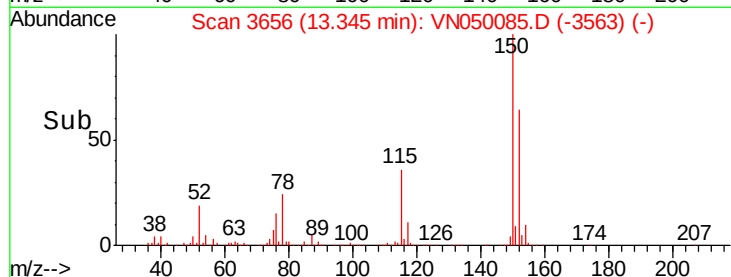
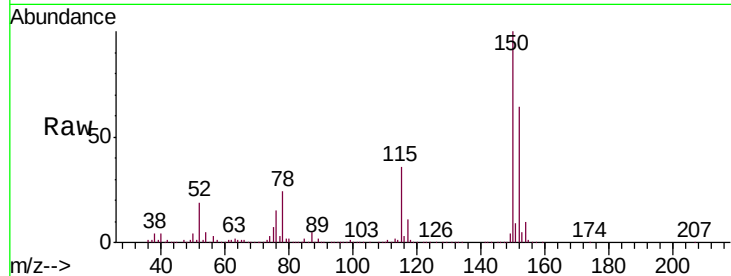
ClientSampled :

MW-5

Tgt Ion:	152	Resp:	407567
Ion Ratio	Lower	Upper	
152	100		
115	56.5	27.8	83.3
150	156.7	0.0	348.6

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#73

Isopropylbenzene

Concen: 0.835 ug/l

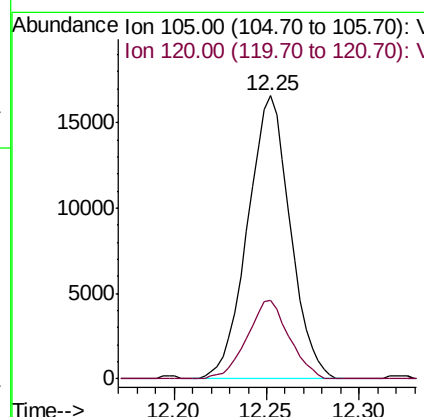
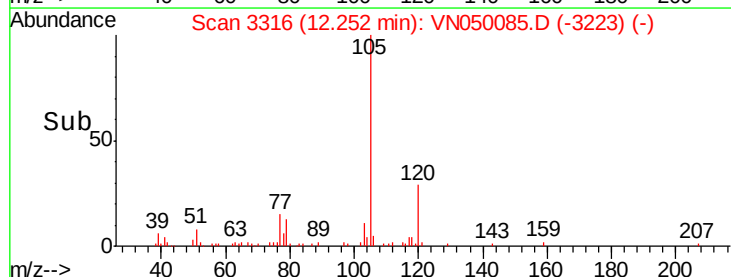
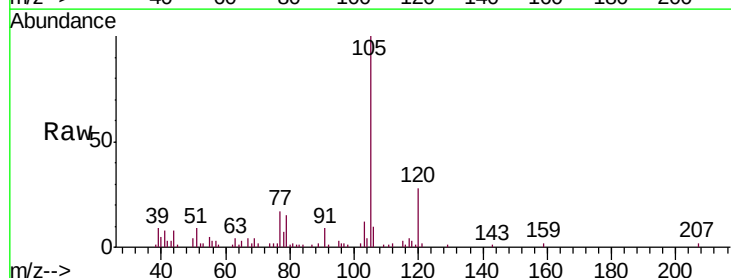
RT: 12.25 min Scan# 3316

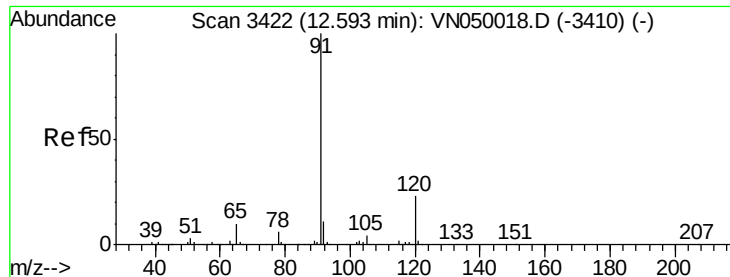
Delta R.T. 0.00 min

Lab File: VN050085.D

Acq: 26 Jul 2018 16:26

Tgt Ion:	105	Resp:	26398
Ion Ratio	Lower	Upper	
105	100		
120	27.5	13.3	39.8





#78

n-propylbenzene

Concen: 1.171 ug/l

RT: 12.59 min Scan# 3422

Delta R.T. 0.00 min

Lab File: VN050085.D

Acq: 26 Jul 2018 16:26

Instrument :

MSVOA_N

ClientSampled :

MW-5

Tgt Ion: 91 Resp: 41360

Ion Ratio Lower Upper

91 100

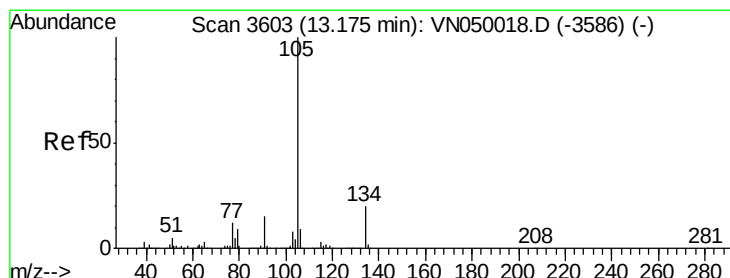
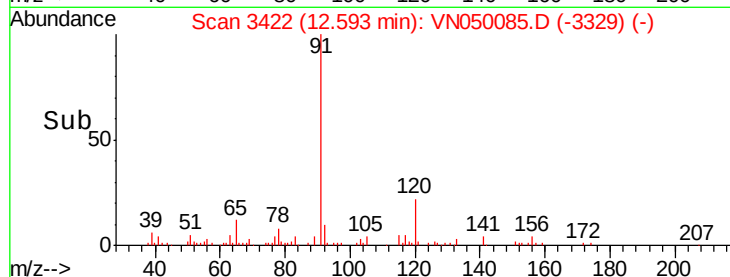
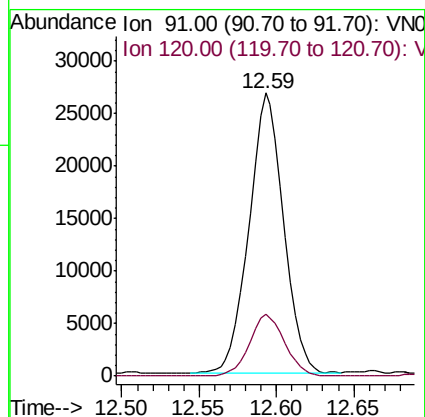
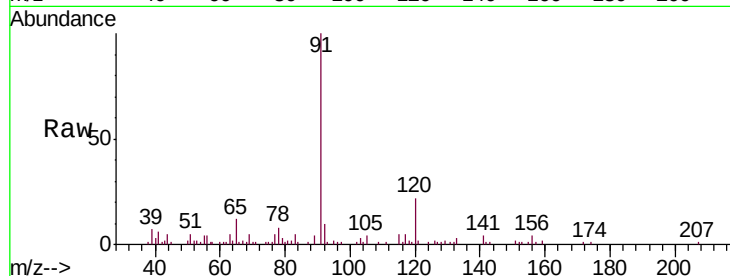
120 22.7 11.6 34.7

Manual Integrations

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#85

sec-Butylbenzene

Concen: 0.968 ug/l

RT: 13.17 min Scan# 3603

Delta R.T. 0.00 min

Lab File: VN050085.D

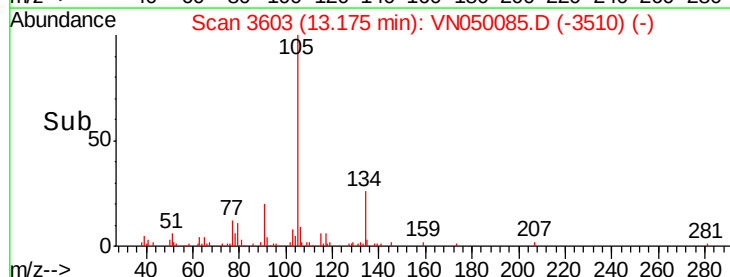
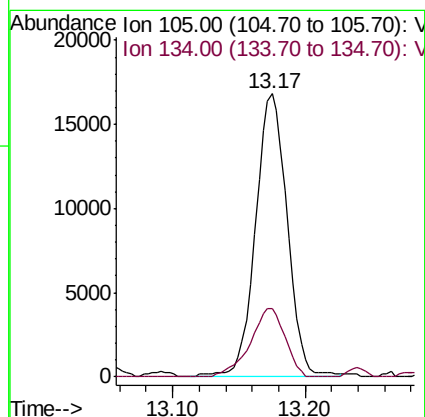
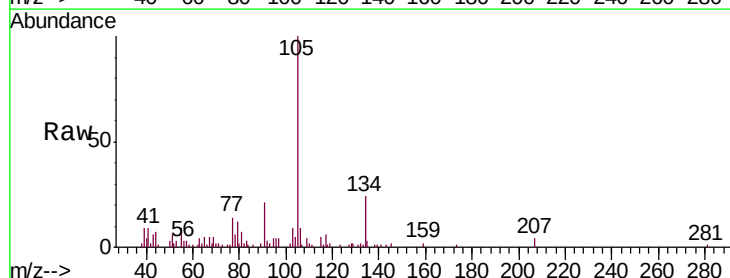
Acq: 26 Jul 2018 16:26

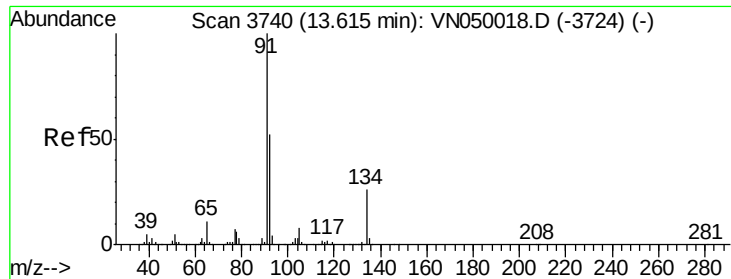
Tgt Ion: 105 Resp: 28056

Ion Ratio Lower Upper

105 100

134 26.6 10.1 30.1





#89
 n-Butylbenzene
 Concen: 0.531 ug/l
 RT: 13.62 min Scan# 3740
 Delta R.T. -0.00 min
 Lab File: VN050085.D
 Acq: 26 Jul 2018 16:26

Instrument :
 MSVOA_N
 ClientSampled :
 MW-5

Tgt Ion	Ratio	Lower	Upper
91	100		
92	50.0	25.8	77.4
134	93.1	12.8	38.4

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