

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN081718\
 Data File : VN050753.D
 Acq On : 18 Aug 2018 5:48
 Operator : MD\SY
 Sample : J4521-09
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 72-11969

Manual Integrations
 APPROVED

MMDadoda
 8/20/2018 10:53:47 AM

Quant Time: Aug 18 06:35:13 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N081418W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 14 08:07:08 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	601163	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	980298	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	853422	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	300594	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	412024	54.37	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.74%	
35) Dibromofluoromethane	7.59	113	382565	48.88	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.76%	
50) Toluene-d8	10.09	98	1347763	45.76	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.52%	
62) 4-Bromofluorobenzene	12.40	95	368627	37.88	ug/l	0.00
Spiked Amount 50.000			Recovery	=	75.76%	
Target Compounds						
16) Acetone	3.83	43	13334	5.63	ug/l	96
18) Methyl Acetate	4.34	43	14654	1.79	ug/l #	77
20) Methylene Chloride	4.52	84	40814436m	5813.29	ug/l	
28) Bromochloromethane	7.20	49	101590	16.58	ug/l	100
30) Chloroform	7.37	83	21281	1.56	ug/l	97
43) Isopropyl Acetate	8.17	43	231464	20.59	ug/l	98

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

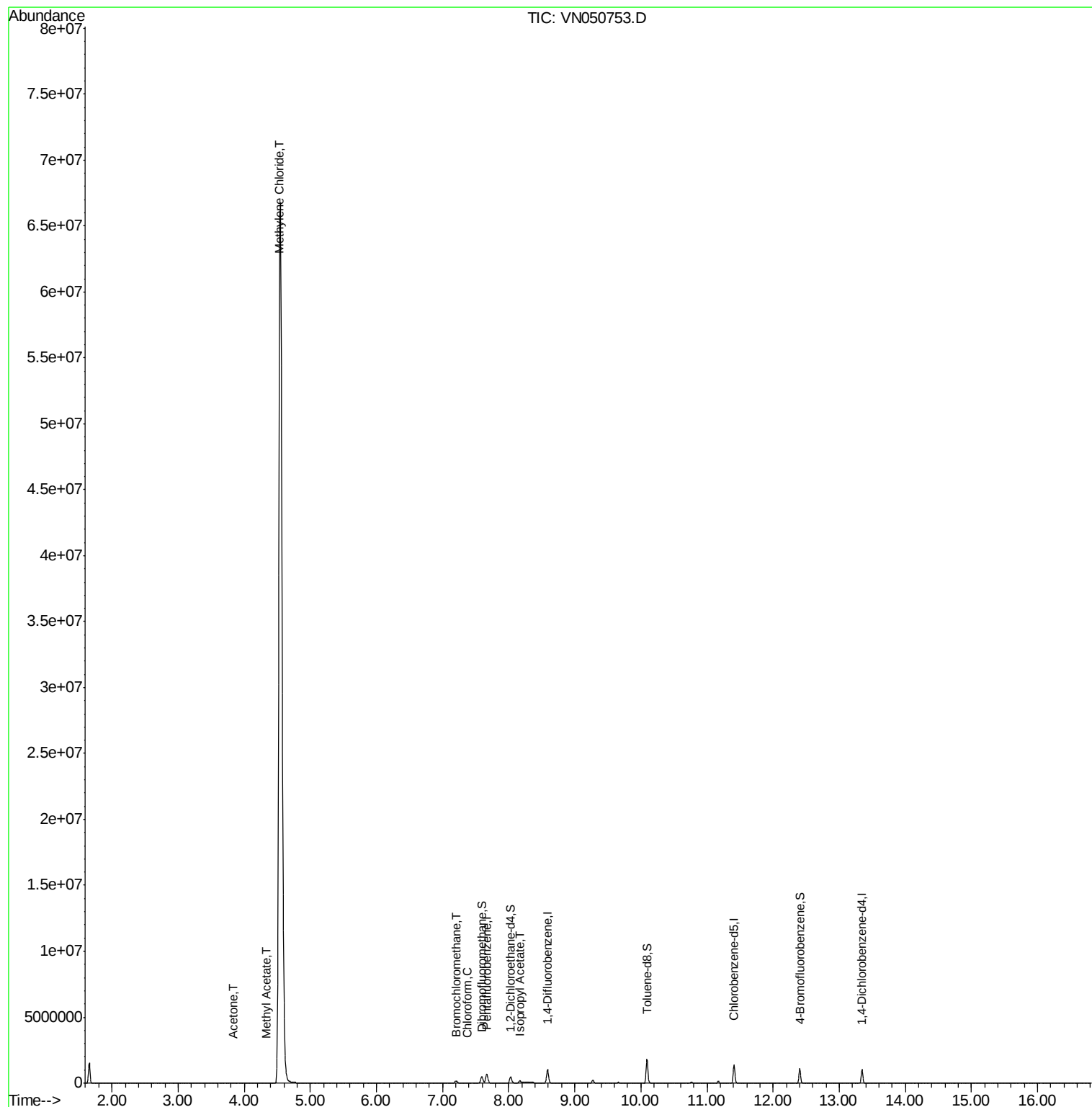
Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN081718\
Data File : VN050753.D
Acq On : 18 Aug 2018 5:48
Operator : MD\SY
Sample : J4521-09
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 42 Sample Multiplier: 1

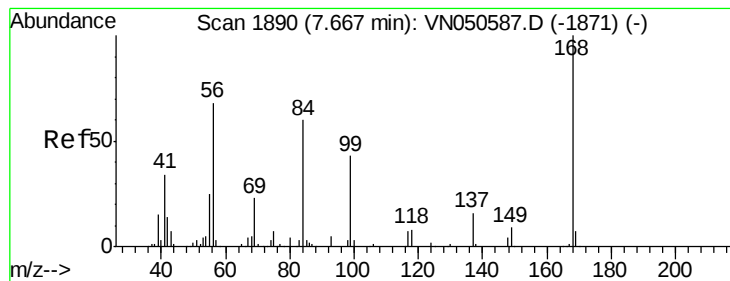
Instrument :
MSVOA_N
ClientSampleId :
72-11969

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8/20/2018 10:53:47 AM

Quant Time: Aug 18 06:35:13 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N081418W.M
Quant Title : SW846 8260
QLast Update : Tue Aug 14 08:07:08 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: VN050753.D

Acq: 18 Aug 2018 5:48

Instrument :

MSVOA_N

ClientSampled :

72-11969

Tot Ion:168 Resp: 601163

Ion Ratio Lower Upper

168 100

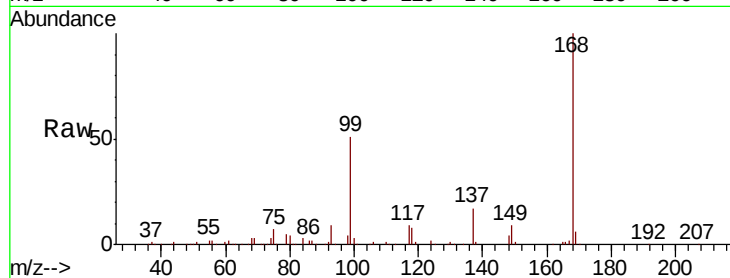
99 51.0 40.8 61.2

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.67

250000

200000

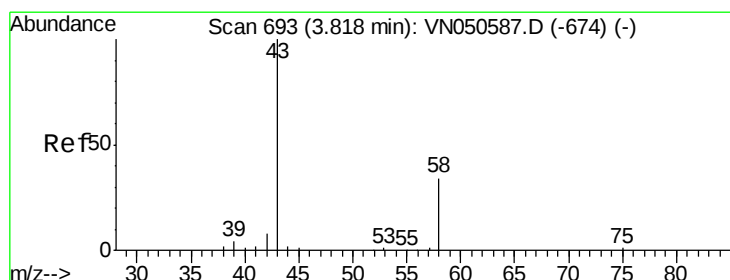
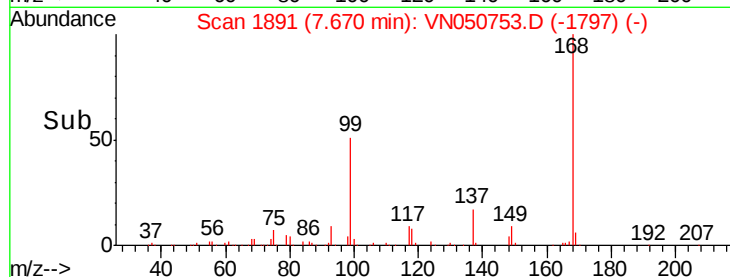
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 5.63 ug/l

RT: 3.83 min Scan# 696

Delta R.T. 0.01 min

Lab File: VN050753.D

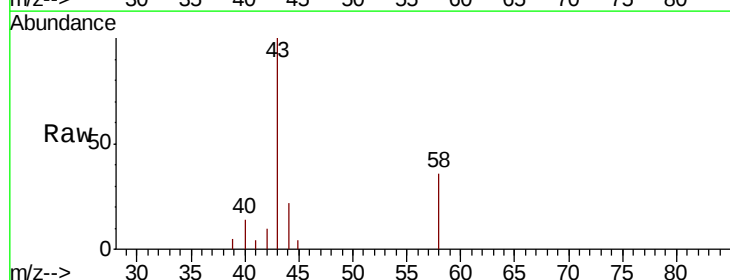
Acq: 18 Aug 2018 5:48

Tgt Ion: 43 Resp: 13334

Ion Ratio Lower Upper

43 100

58 36.0 27.1 40.7



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO

3.83

5000

4000

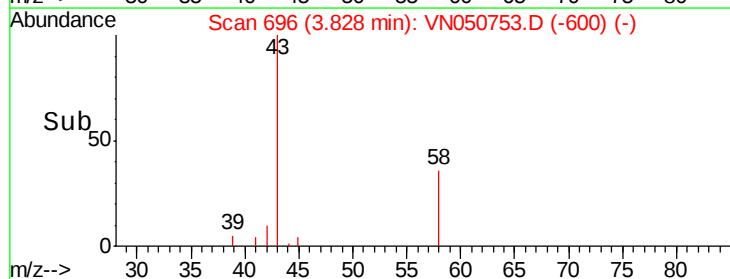
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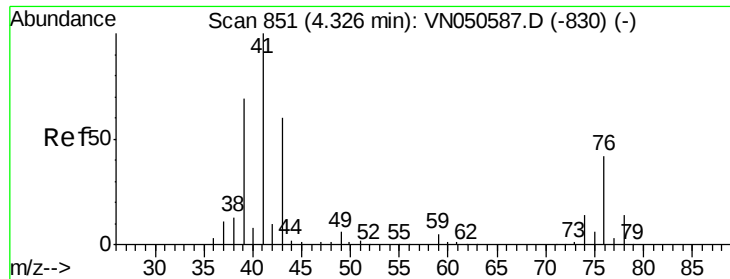
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1000

0

Time-->





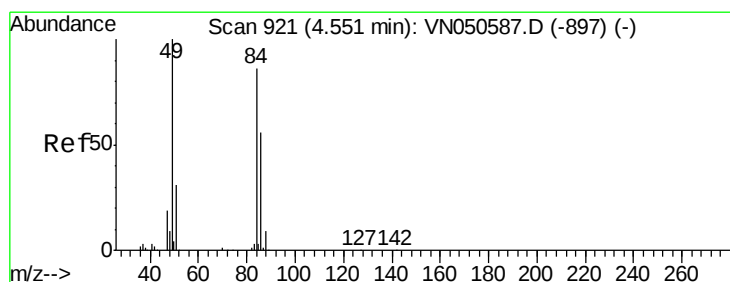
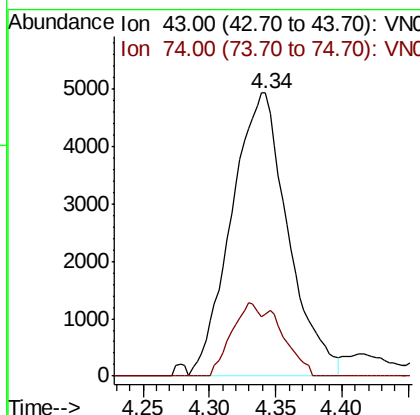
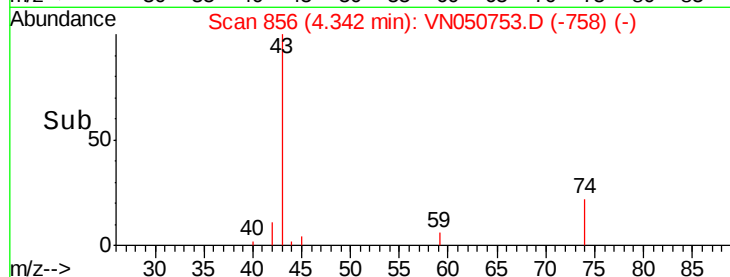
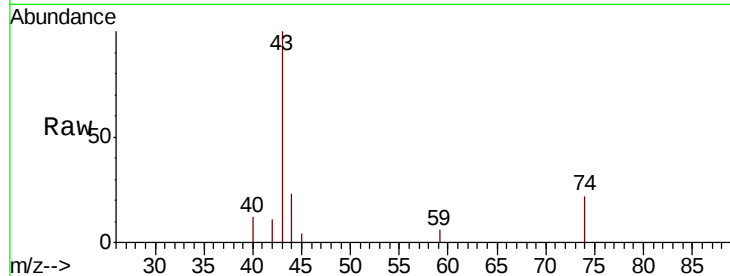
#18
Methyl Acetate
Concen: 1.79 ug/l
RT: 4.34 min Scan# 856
Delta R.T. 0.02 min
Lab File: VN050753.D
Acq: 18 Aug 2018 5:48

Instrument :
MSVOA_N
ClientSampled :
72-11969

Tot Ion: 43 Resp: 14654
Ion Ratio Lower Upper
43 100
74 13.2 19.7 29.5#

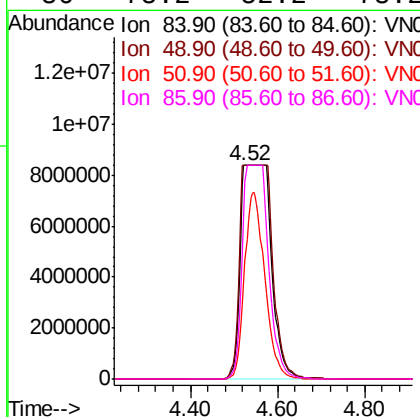
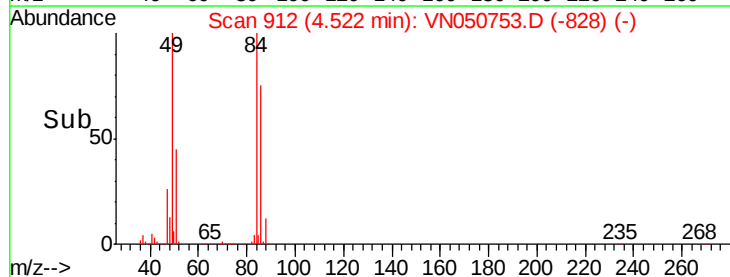
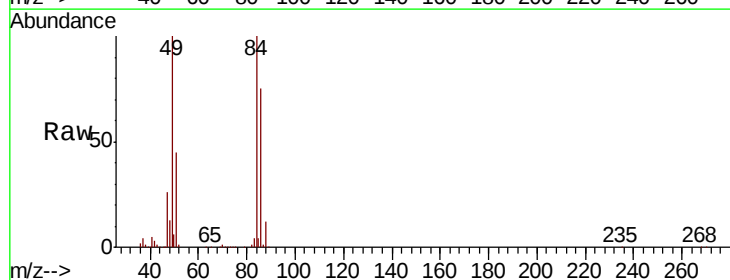
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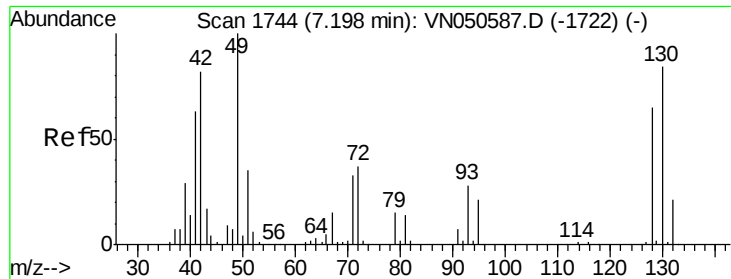
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#20
Methylene Chloride
Concen: 5813.29 ug/l m
RT: 4.52 min Scan# 912
Delta R.T. -0.03 min
Lab File: VN050753.D
Acq: 18 Aug 2018 5:48

Tgt Ion: 84 Resp: 40814436
Ion Ratio Lower Upper
84 100
49 100.0 92.6 138.8
51 44.9 28.6 43.0#
86 75.2 52.2 78.2





#28

Bromochloromethane

Concen: 16.58 ug/l

RT: 7.20 min Scan# 1745

Delta R.T. 0.00 min

Lab File: VN050753.D

Acq: 18 Aug 2018 5:48

Instrument :

MSVOA_N

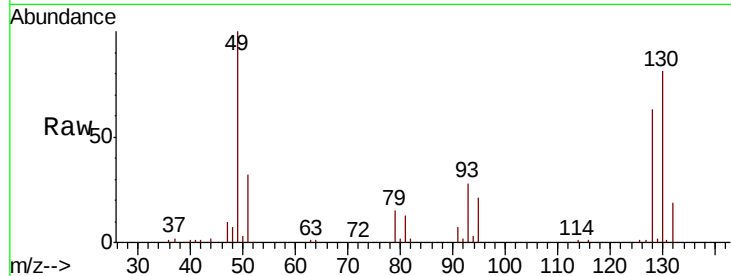
ClientSampled :

72-11969

Tot Ion	49	Resp	101590
Ion	Ratio	Lower	Upper
49	100		
129	1.6	0.0	4.2
130	83.7	66.8	100.2

Manual Integrations
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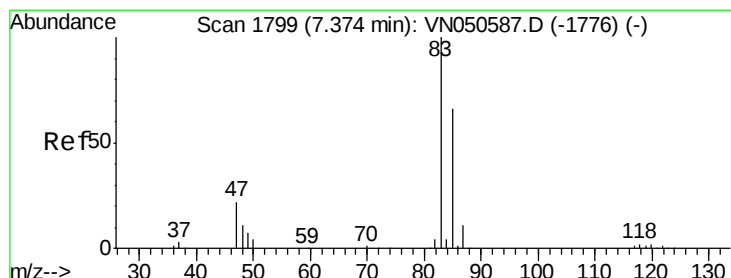
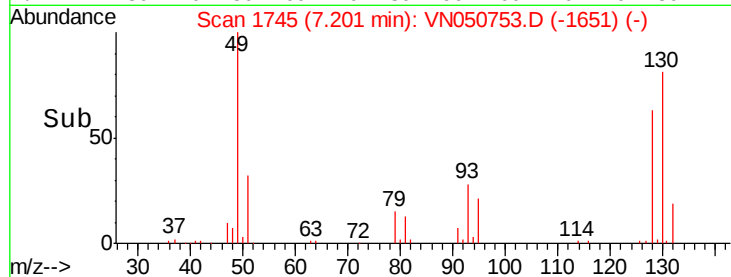
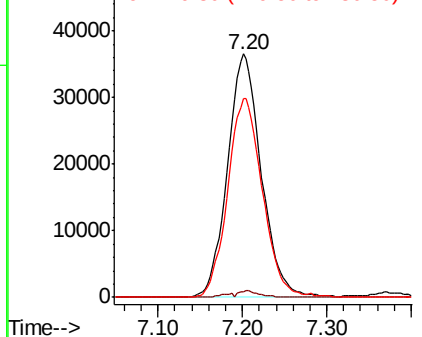
MMDadoda
8/20/2018 10:53:47 AM



Abundance Ion 48.90 (48.60 to 49.60): VN050753.D (-1651) (-)

Ion 128.80 (128.50 to 129.50): VN050753.D (-1651) (-)

Ion 129.80 (129.50 to 130.50): VN050753.D (-1651) (-)



#30

Chloroform

Concen: 1.56 ug/l

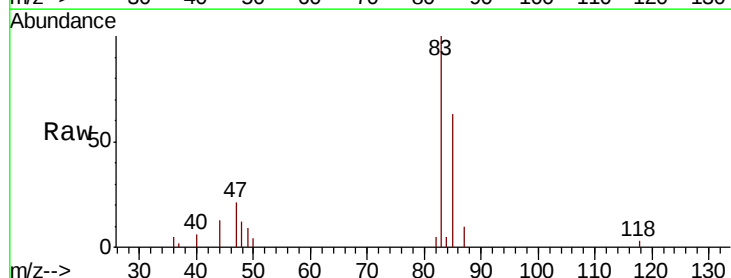
RT: 7.37 min Scan# 1799

Delta R.T. -0.00 min

Lab File: VN050753.D

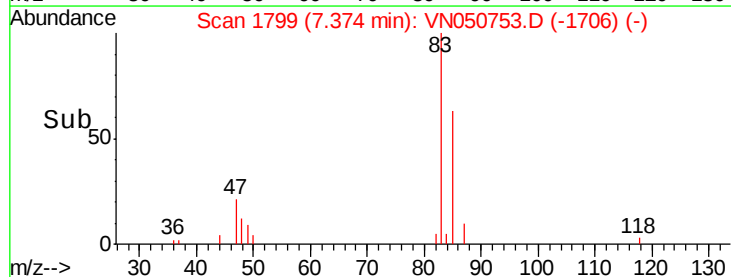
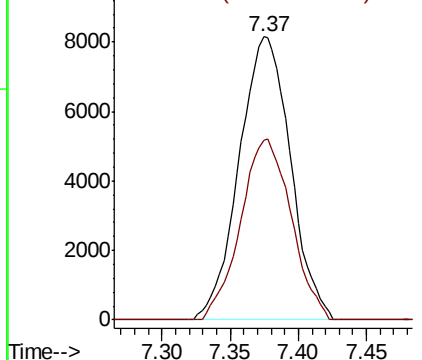
Acq: 18 Aug 2018 5:48

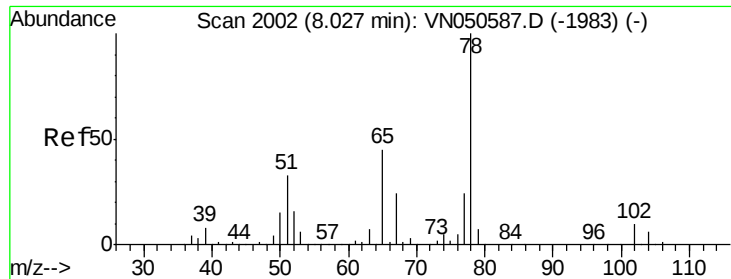
Tgt Ion	83	Resp	21281
Ion	Ratio	Lower	Upper
83	100		
85	63.5	52.5	78.7



Abundance Ion 82.90 (82.60 to 83.60): VN050753.D (-1706) (-)

Ion 84.90 (84.60 to 85.60): VN050753.D (-1706) (-)





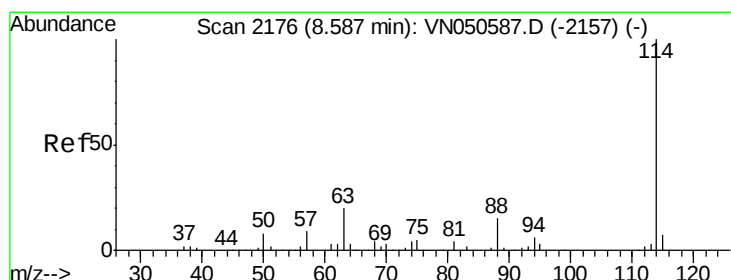
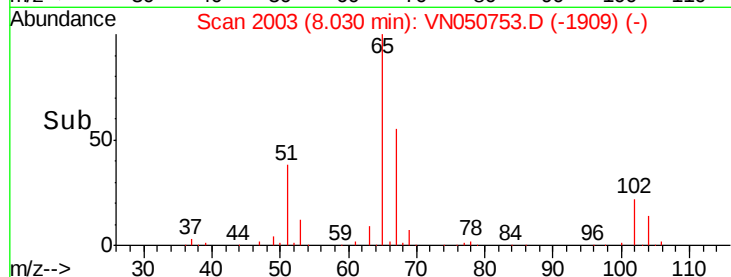
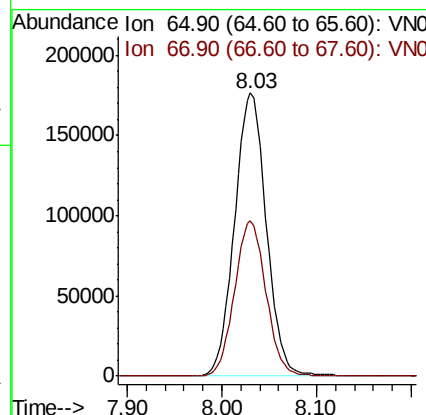
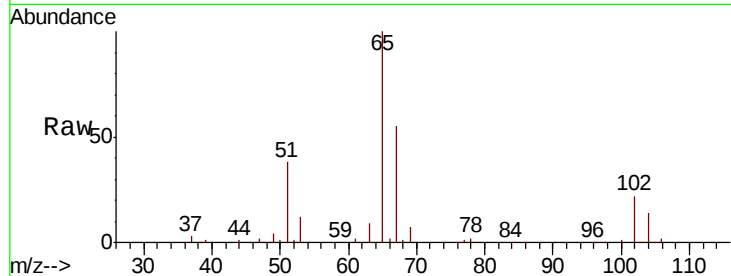
#33
 1,2-Dichloroethane-d4
 Concen: 54.37 ug/l
 RT: 8.03 min Scan# 2003
 Delta R.T. 0.00 min
 Lab File: VN050753.D
 Acq: 18 Aug 2018 5:48

Instrument :
 MSVOA_N
 ClientSampleId :
 72-11969

Tot Ion	Ratio	Resp	Lower	Upper
65	100	412024		
67	54.2	0.0	109.8	

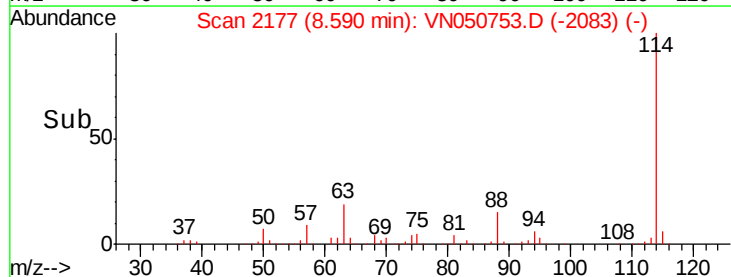
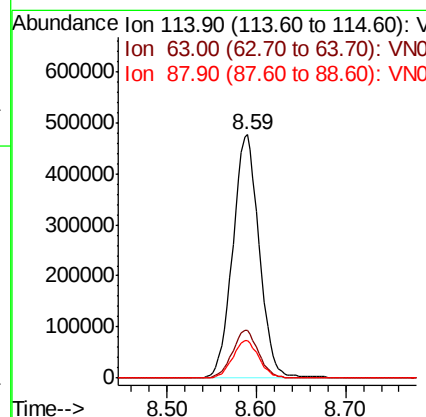
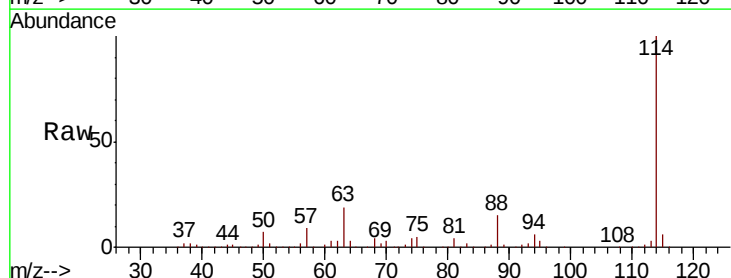
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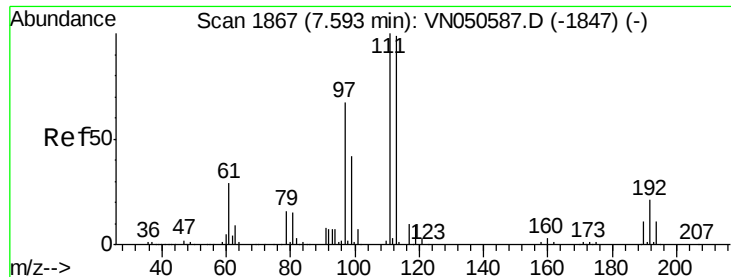
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 8/20/2018 10:53:47 AM



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2177
 Delta R.T. 0.00 min
 Lab File: VN050753.D
 Acq: 18 Aug 2018 5:48

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	980298		
63	19.4	0.0	40.0	
88	15.2	0.0	30.8	





#35

Dibromofluoromethane

Concen: 48.88 ug/l

RT: 7.59 min Scan# 1867

Delta R.T. -0.00 min

Lab File: VN050753.D

Acq: 18 Aug 2018 5:48

Instrument :

MSVOA_N

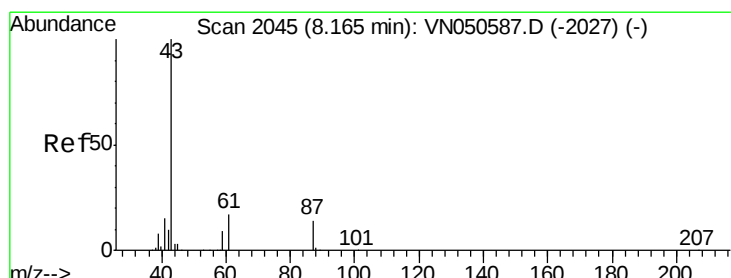
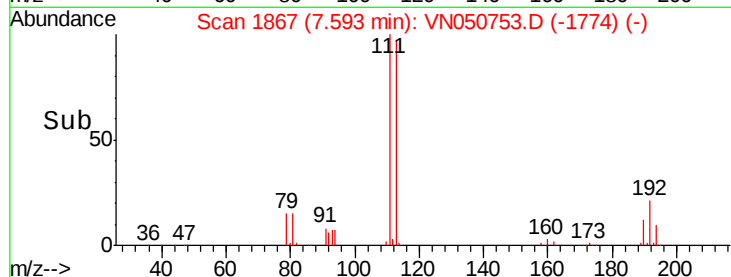
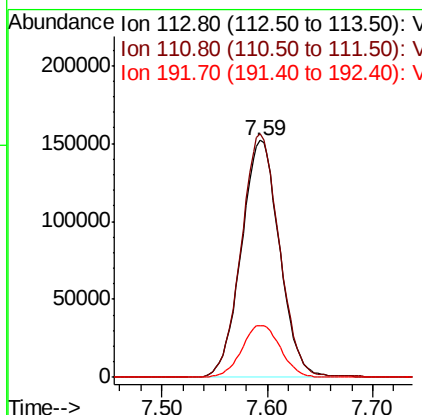
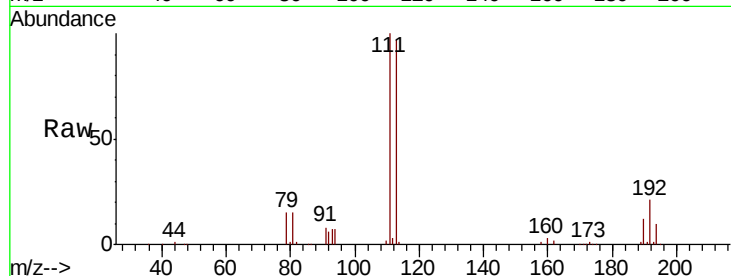
ClientSampleId :

72-11969

Tot Ion:	113	Resp:	382565
Ion Ratio	Lower	Upper	
113	100		
111	102.4	81.0	121.6
192	22.3	17.6	26.4

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#43

Isopropyl Acetate

Concen: 20.59 ug/l

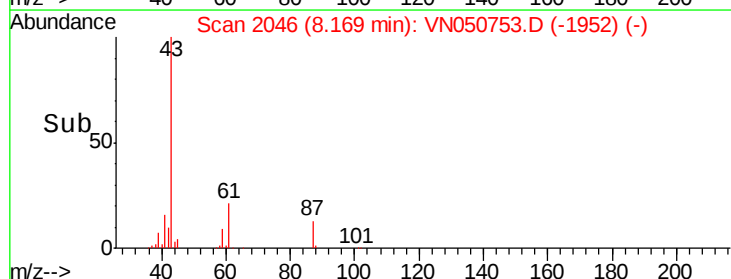
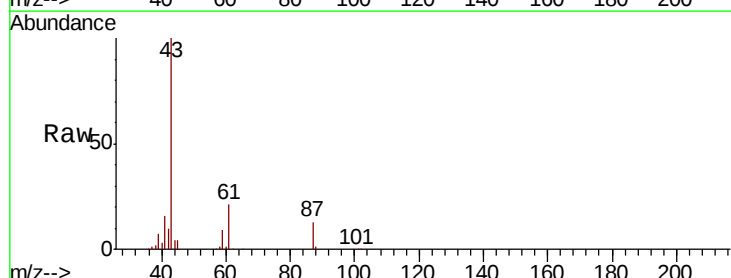
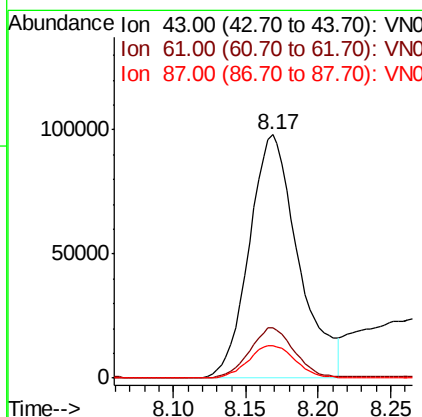
RT: 8.17 min Scan# 2046

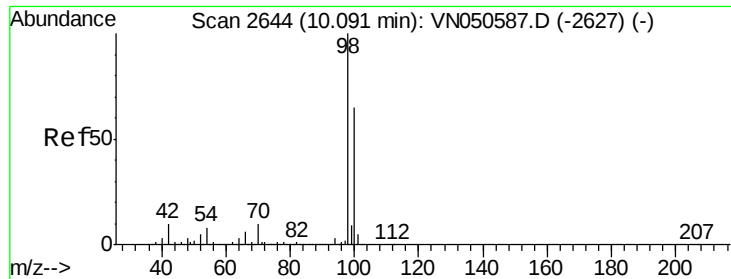
Delta R.T. 0.00 min

Lab File: VN050753.D

Acq: 18 Aug 2018 5:48

Tgt Ion:	43	Resp:	231464
Ion Ratio	Lower	Upper	
43	100		
61	19.3	16.2	24.2
87	12.9	10.9	16.3





#50

Toluene-d8

Concen: 45.76 ug/l

RT: 10.09 min Scan# 2644

Delta R.T. -0.00 min

Lab File: VN050753.D

Acq: 18 Aug 2018 5:48

Instrument :

MSVOA_N

ClientSampleId :

72-11969

Tot Ion: 98 Resp: 1347763

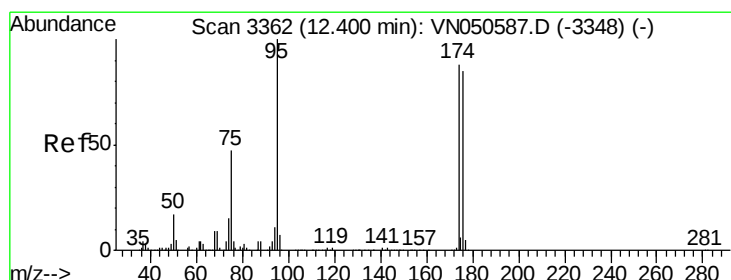
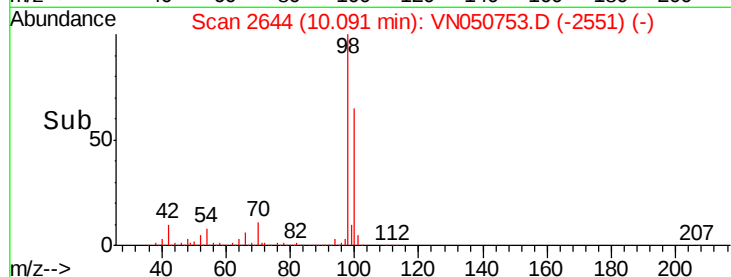
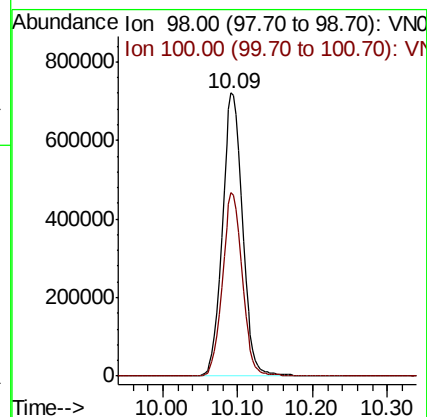
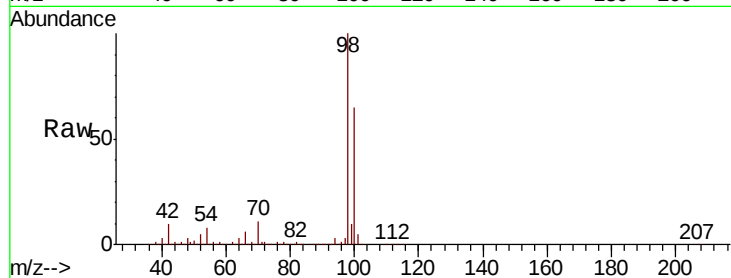
Ion Ratio Lower Upper

98 100

100 63.8 51.8 77.8

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#62

4-Bromofluorobenzene

Concen: 37.88 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.00 min

Lab File: VN050753.D

Acq: 18 Aug 2018 5:48

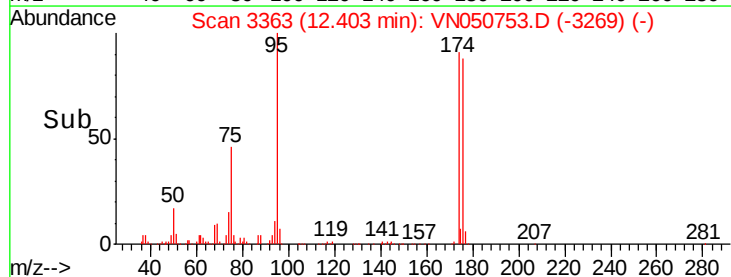
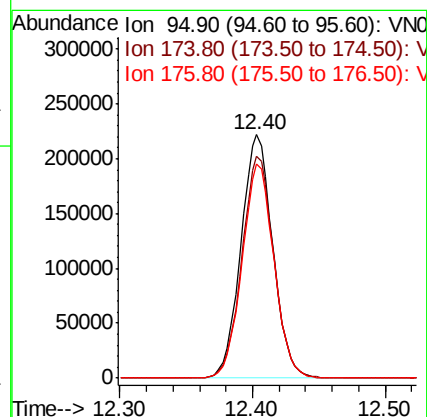
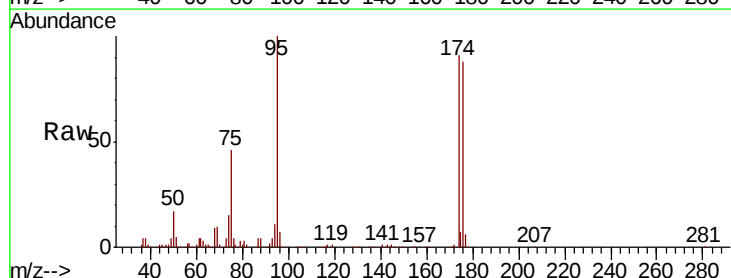
Tgt Ion: 95 Resp: 368627

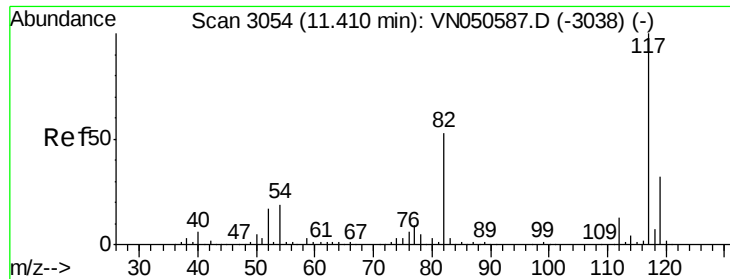
Ion Ratio Lower Upper

95 100

174 91.4 0.0 177.8

176 88.3 0.0 175.0





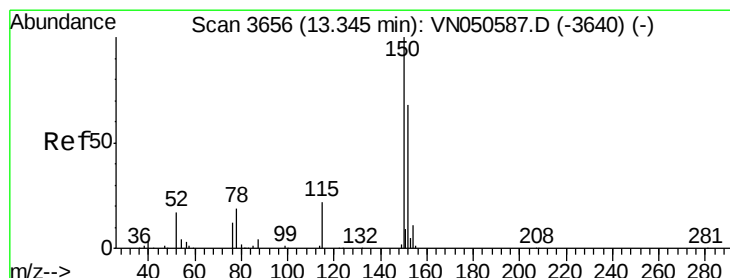
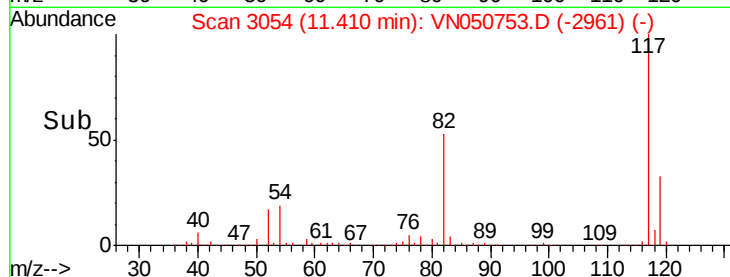
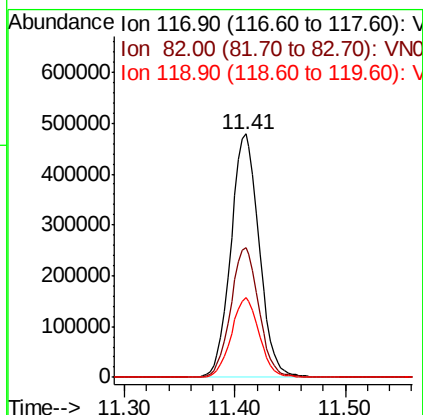
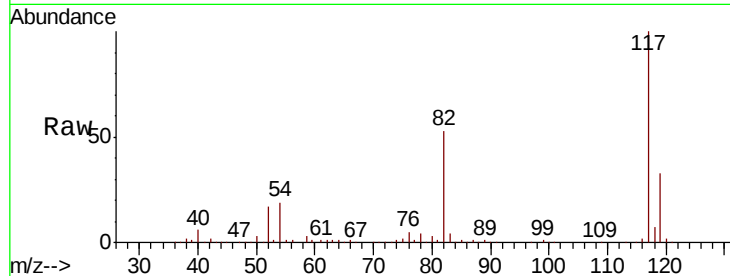
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 3054
Delta R.T. -0.00 min
Lab File: VN050753.D
Acq: 18 Aug 2018 5:48

Instrument :
MSVOA_N
ClientSampled :
72-11969

Tot Ion	Ratio	Lower	Upper
117	100		
82	53.3	42.4	63.6
119	32.6	25.8	38.8

Manual Integrations
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8/20/2018 10:53:47 AM



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.35 min Scan# 3656
Delta R.T. -0.00 min
Lab File: VN050753.D
Acq: 18 Aug 2018 5:48

Tgt Ion	Ratio	Lower	Upper
152	100		
115	56.5	28.1	84.2
150	155.4	0.0	347.8

