

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN030219\
 Data File : VN054052.D
 Acq On : 2 Mar 2019 1:29
 Operator : JC/SP
 Sample : K1675-26
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 Z-3-12-A

Manual Integrations
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 3/4/2019 1:54:08 PM

Quant Time: Mar 02 06:02:11 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N022519W.M
 Quant Title : SW846 8260
 QLast Update : Thu Feb 28 04:05:45 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	621874	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1107130	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1083437	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	388051	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	392616	53.86	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.72%	
35) Dibromofluoromethane	7.59	113	354009	49.45	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.90%	
50) Toluene-d8	10.09	98	1410126	52.91	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.82%	
62) 4-Bromofluorobenzene	12.40	95	465045	52.37	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.74%	
Target Compounds						
20) Methylene Chloride	4.49	84	66174369m	9171.938	ug/l	Qvalue
21) trans-1,2-Dichloroethene	5.05	96	7242	1.090	ug/l	85
68) m/p-Xylenes	11.62	106	15298	1.057	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	25448	1.029	ug/l	100
84) 1,2,4-Trimethylbenzene	13.04	105	84038	3.404	ug/l	99
95) Naphthalene	15.13	128	11341	3.903	ug/l	98

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

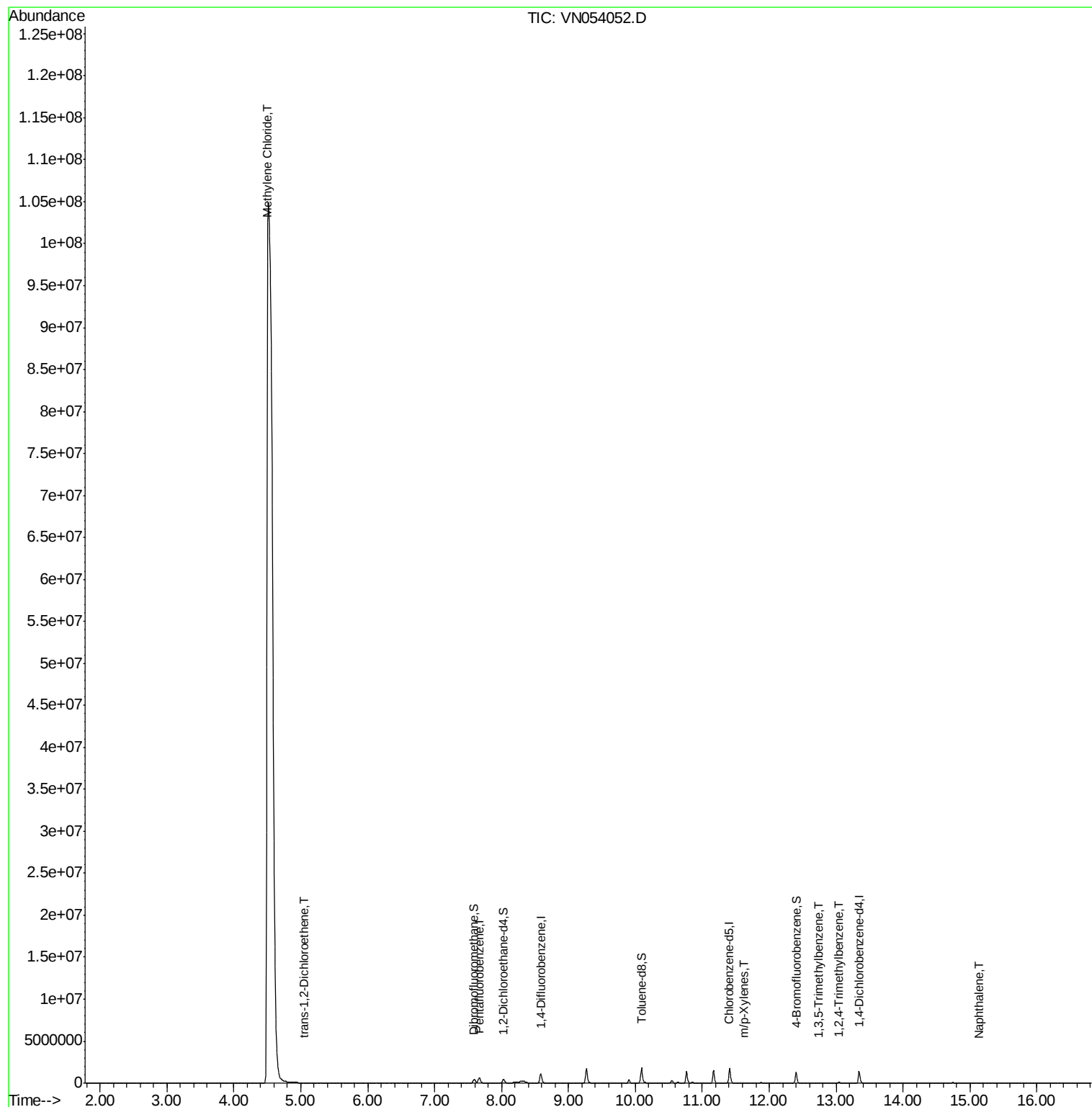
Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN030219\
Data File : VN054052.D
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Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 22 Sample Multiplier: 1

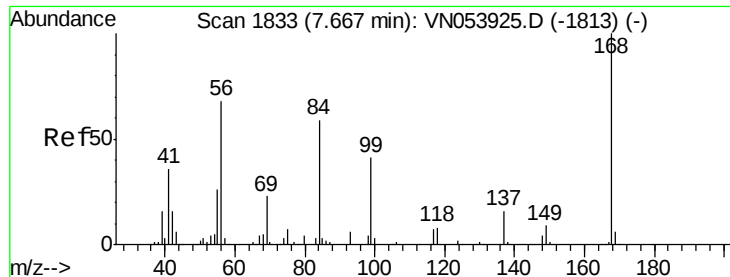
Instrument :
MSVOA_N
ClientSampleId :
Z-3-12-A

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Quant Time: Mar 02 06:02:11 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N022519W.M
Quant Title : SW846 8260
QLast Update : Thu Feb 28 04:05:45 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VN054052.D

Acq: 2 Mar 2019 1:29

Instrument :

MSVOA_N

ClientSampled :

Z-3-12-A

Tot Ion:168 Resp: 621874

Ion Ratio Lower Upper

168 100

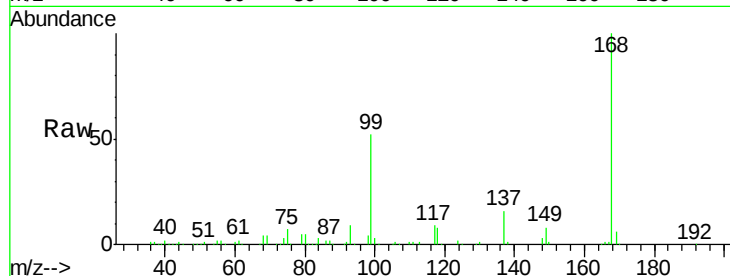
99 52.4 36.9 55.3

Manual Integrations

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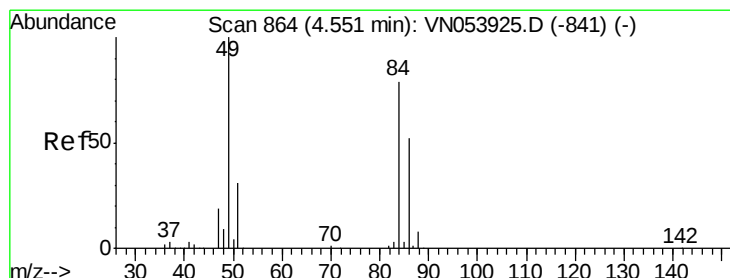
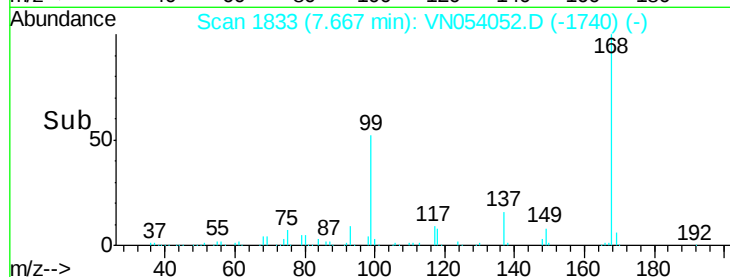
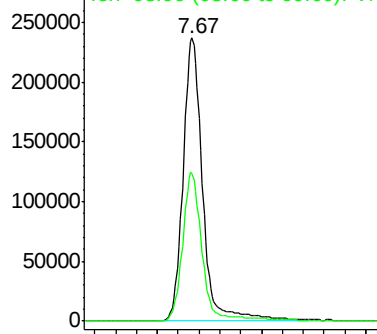
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN



#20

Methylene Chloride

Concen: 9171.938 ug/l m

RT: 4.49 min Scan# 846

Delta R.T. -0.06 min

Lab File: VN054052.D

Acq: 2 Mar 2019 1:29

Tgt Ion: 84 Resp:66174369

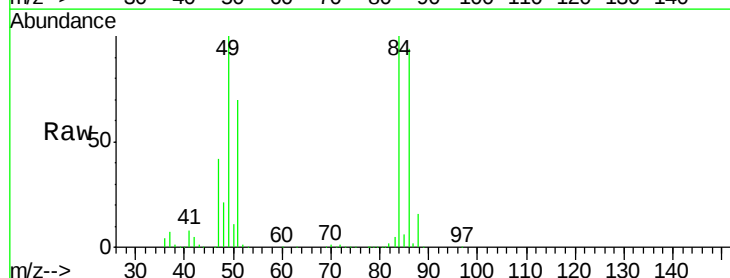
Ion Ratio Lower Upper

84 100

49 100.0 89.7 134.5

51 70.2 27.8 41.8#

86 94.0 51.3 76.9#

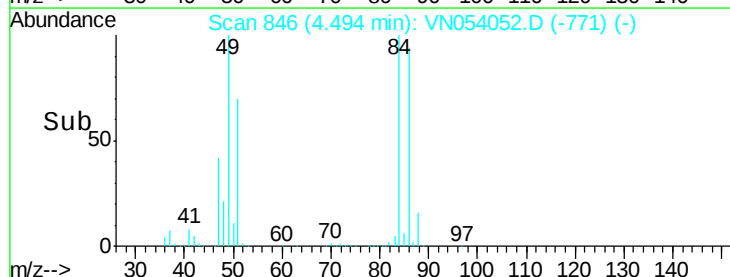
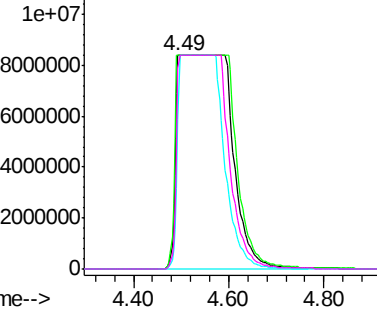


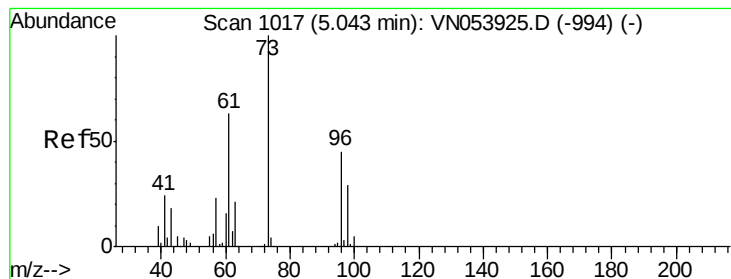
Abundance Ion 83.90 (83.60 to 84.60): VN

Ion 48.90 (48.60 to 49.60): VN

Ion 50.90 (50.60 to 51.60): VN

Ion 85.90 (85.60 to 86.60): VN





#21

trans-1,2-Dichloroethene

Concen: 1.090 ug/l

RT: 5.05 min Scan# 1018

Delta R.T. 0.00 min

Lab File: VN054052.D

Acq: 2 Mar 2019 1:29

Instrument :

MSVOA_N

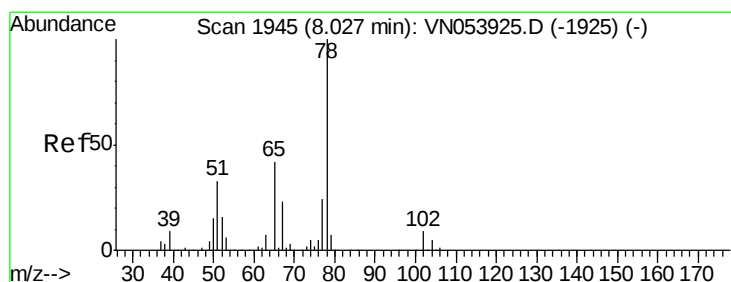
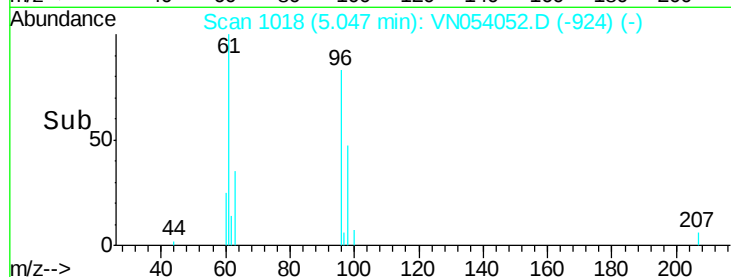
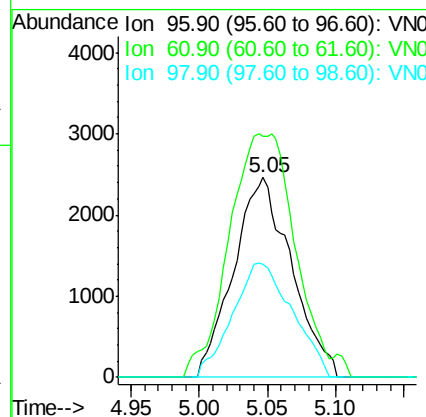
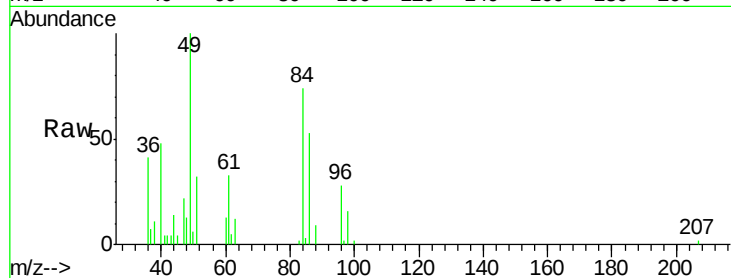
ClientSampleId :

Z-3-12-A

Tot Ion:	96	Resp:	7242
Ion	Ratio	Lower	Upper
96	100		
61	110.1	104.5	156.7
98	56.6	50.6	76.0

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#33

1,2-Dichloroethane-d4

Concen: 53.859 ug/l

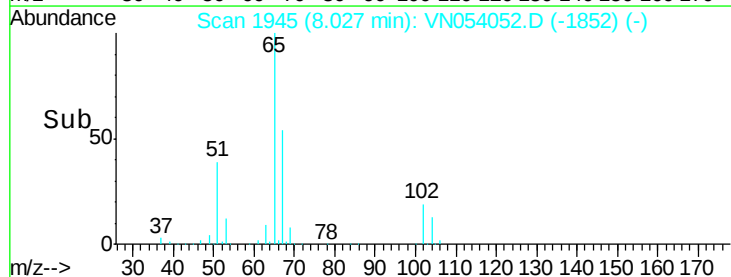
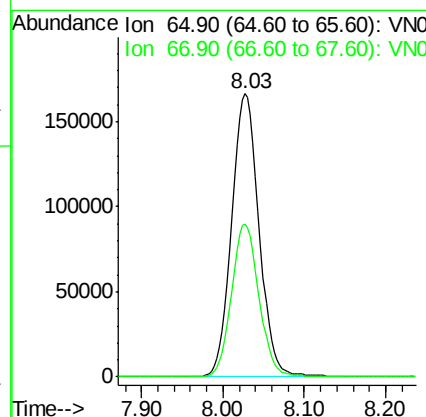
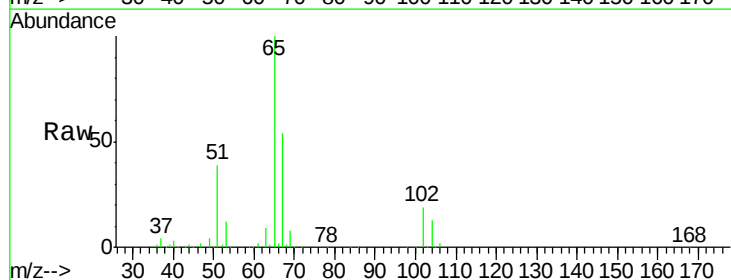
RT: 8.03 min Scan# 1945

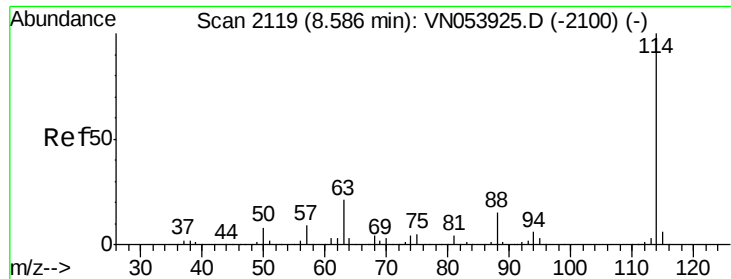
Delta R.T. 0.00 min

Lab File: VN054052.D

Acq: 2 Mar 2019 1:29

Tgt Ion:	65	Resp:	392616
Ion	Ratio	Lower	Upper
65	100		
67	53.9	0.0	111.8





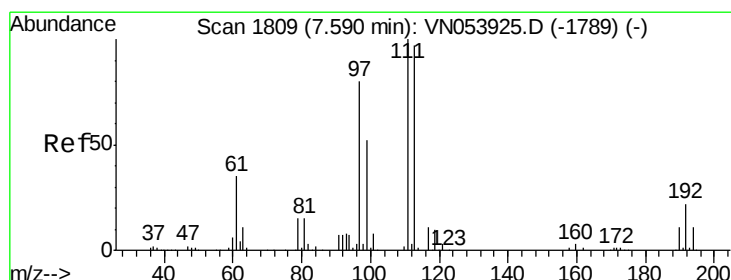
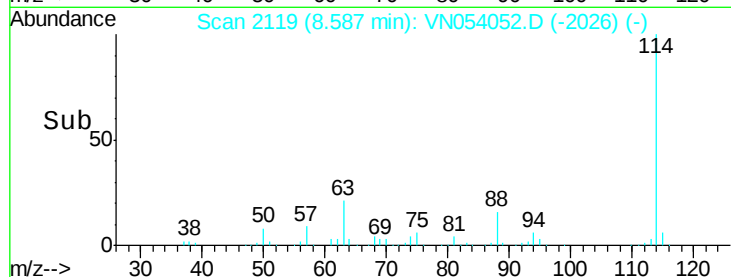
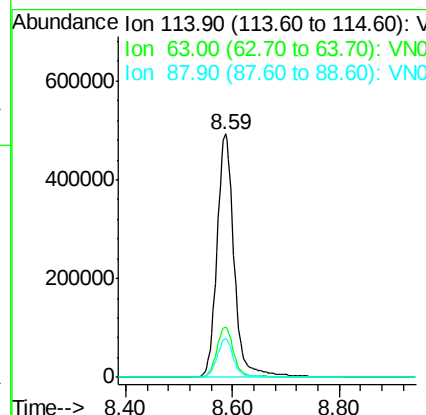
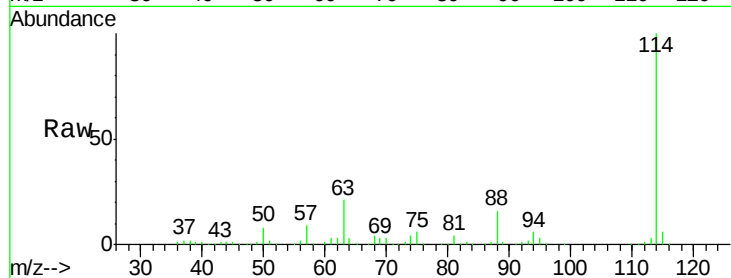
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.59 min Scan# 2119
Delta R.T. 0.00 min
Lab File: VN054052.D
Acq: 2 Mar 2019 1:29

Instrument :
MSVOA_N
ClientSampleId :
Z-3-12-A

Tot Ion	Ratio	Lower	Upper
114	100		
63	20.8	0.0	37.4
88	15.9	0.0	30.4

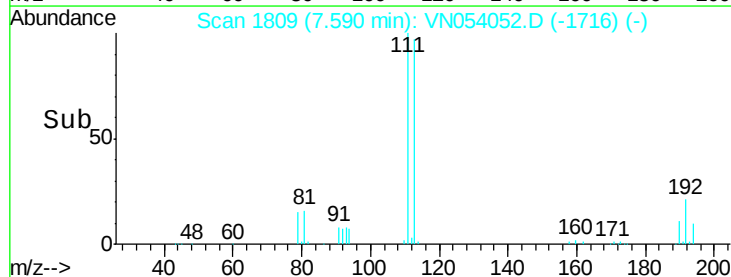
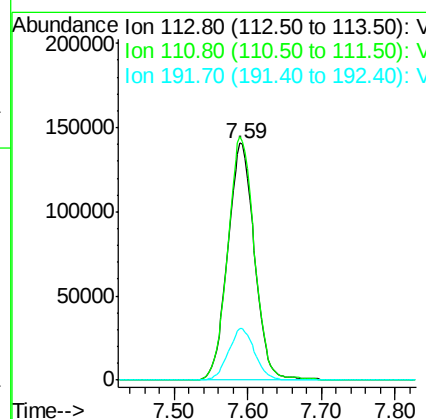
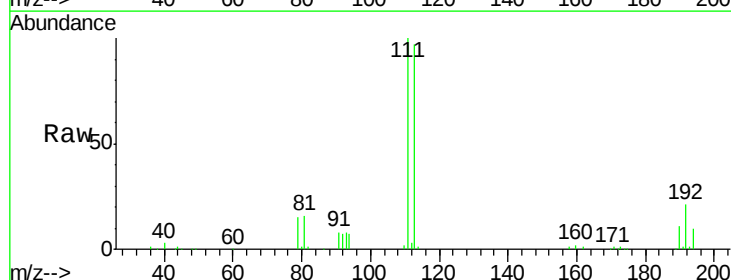
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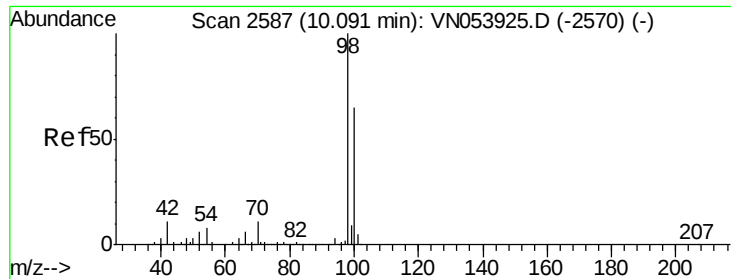
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#35
Dibromofluoromethane
Concen: 49.447 ug/l
RT: 7.59 min Scan# 1809
Delta R.T. 0.00 min
Lab File: VN054052.D
Acq: 2 Mar 2019 1:29

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.6	81.1	121.7
192	21.5	18.8	28.2





#50

Toluene-d8

Concen: 52.911 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN054052.D

Acq: 2 Mar 2019 1:29

Instrument :

MSVOA_N

ClientSampleId :

Z-3-12-A

Tot Ion: 98 Resp: 1410126

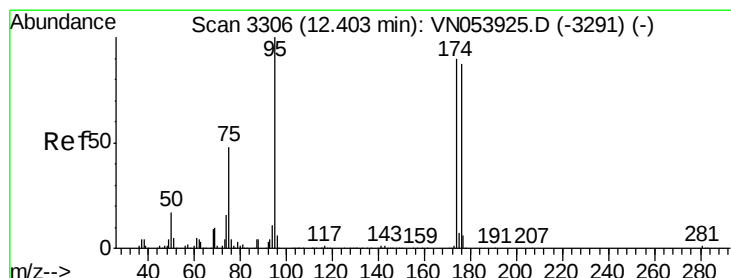
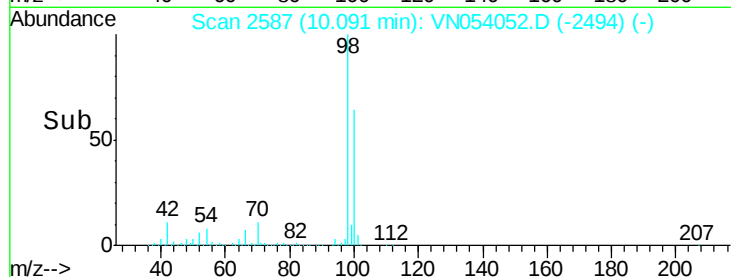
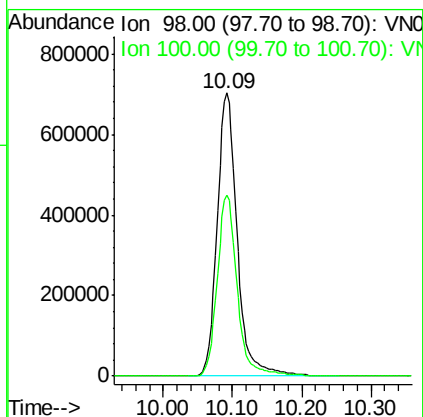
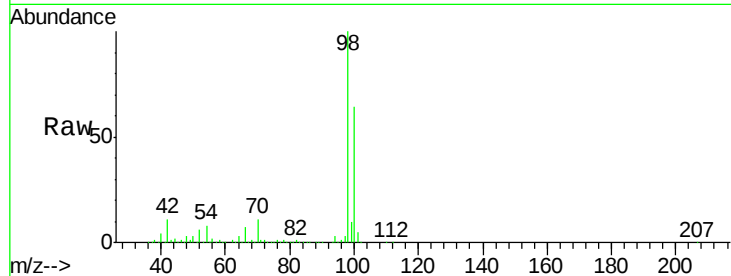
Ion Ratio Lower Upper

98 100

100 63.8 51.9 77.9

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#62

4-Bromofluorobenzene

Concen: 52.374 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN054052.D

Acq: 2 Mar 2019 1:29

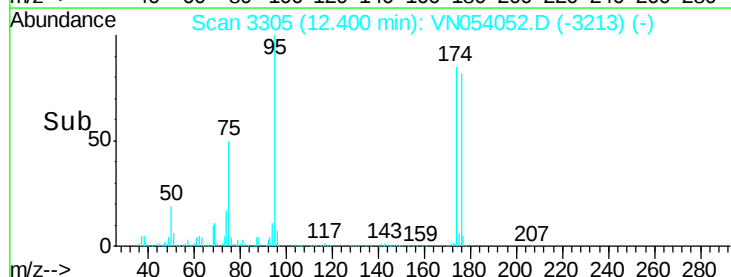
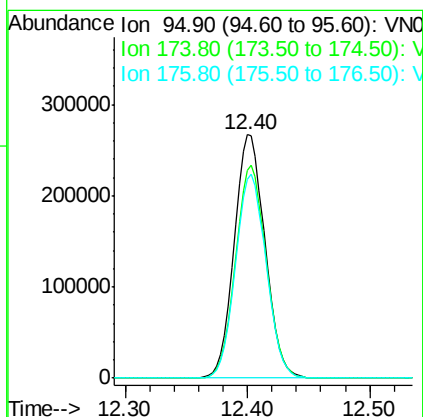
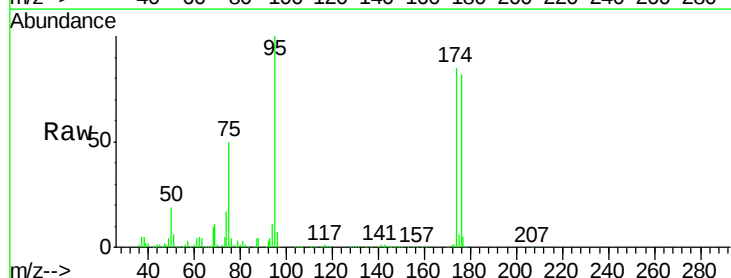
Tgt Ion: 95 Resp: 465045

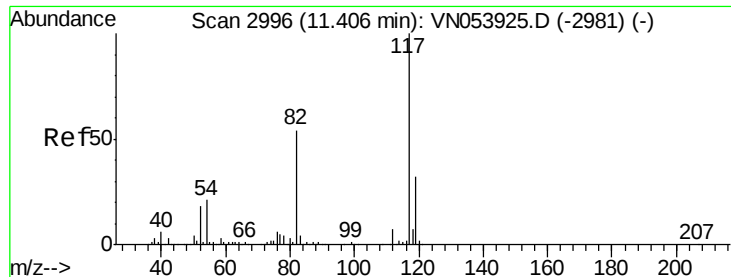
Ion Ratio Lower Upper

95 100

174 87.2 0.0 188.8

176 83.4 0.0 182.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. 0.00 min

Lab File: VN054052.D

Acq: 2 Mar 2019 1:29

Instrument :

MSVOA_N

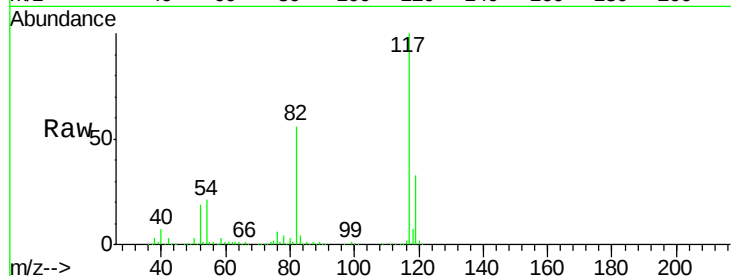
ClientSampleId :

Z-3-12-A

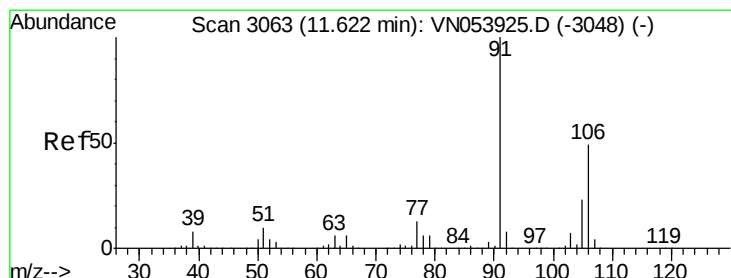
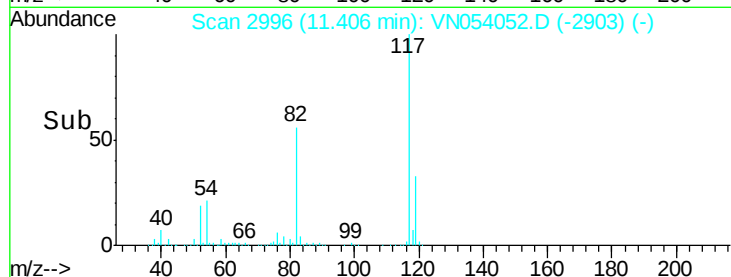
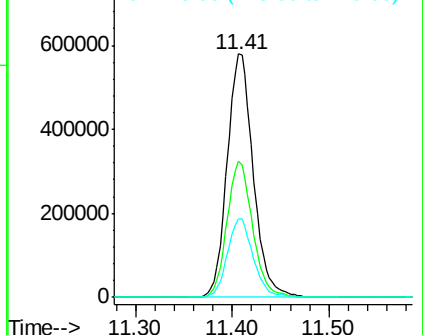
Tot Ion:	117	Resp:	1083437
Ion	Ratio	Lower	Upper
117	100		
82	55.7	41.4	62.2
119	32.5	25.3	37.9

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Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VN
Ion 118.90 (118.60 to 119.60): V



#68

m/p-Xylenes

Concen: 1.057 ug/l

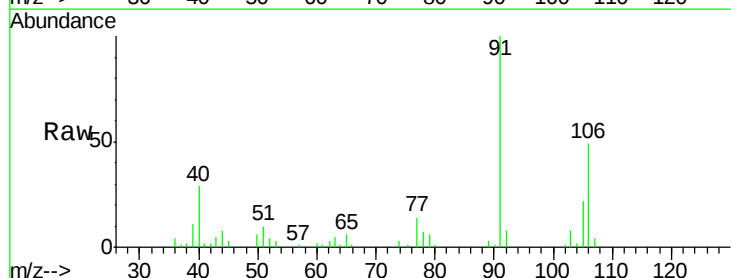
RT: 11.62 min Scan# 3061

Delta R.T. -0.01 min

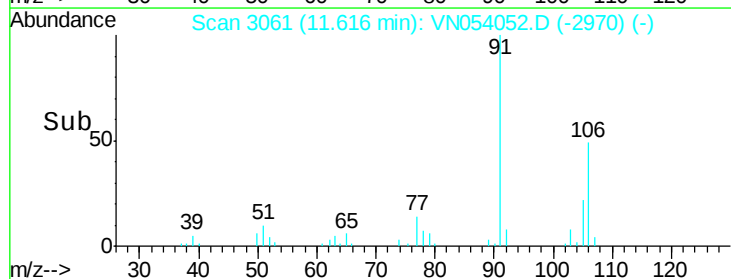
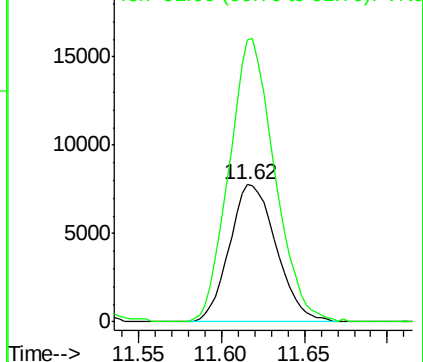
Lab File: VN054052.D

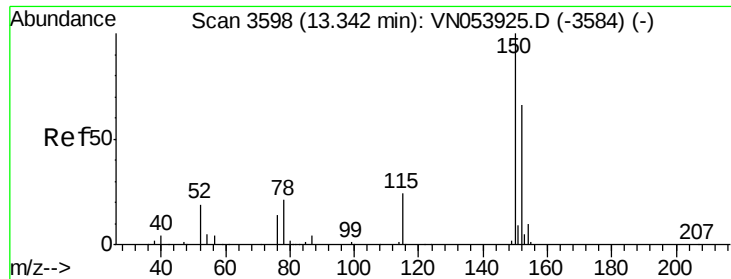
Acq: 2 Mar 2019 1:29

Tgt Ion:	106	Resp:	15298
Ion	Ratio	Lower	Upper
106	100		
91	200.6	158.9	238.3



Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. 0.00 min

Lab File: VN054052.D

Acq: 2 Mar 2019 1:29

Instrument :

MSVOA_N

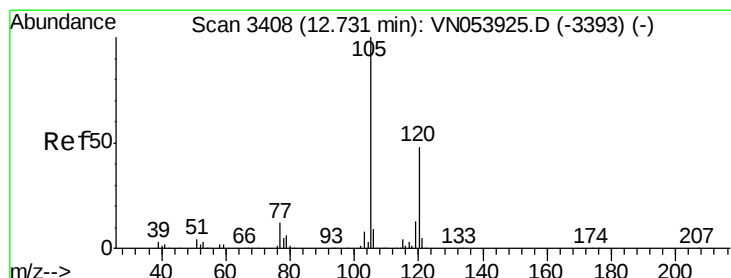
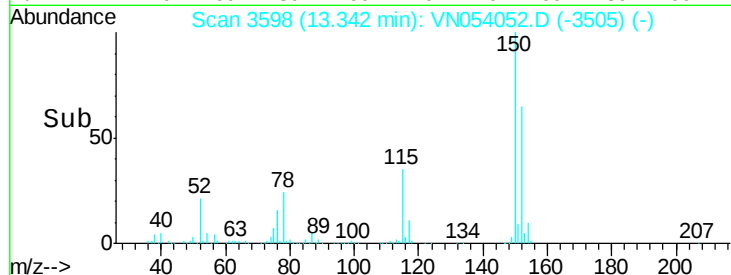
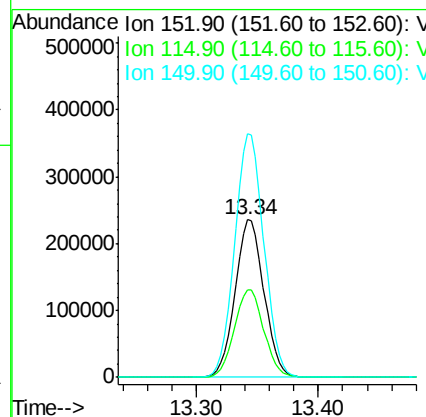
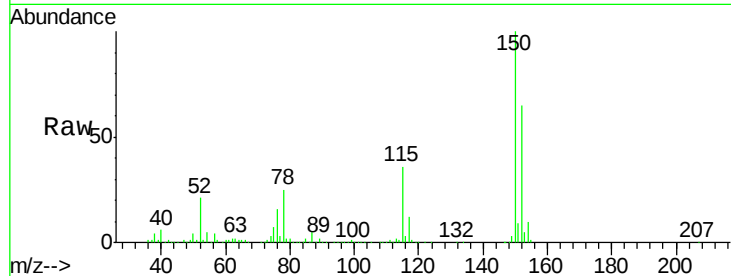
ClientSampleId :

Z-3-12-A

Tot Ion:	152	Resp:	388051
Ion Ratio	Lower	Upper	
152	100		
115	56.9	27.2	81.6
150	156.6	0.0	348.2

Manual Integrations
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#80

1,3,5-Trimethylbenzene

Concen: 1.029 ug/l

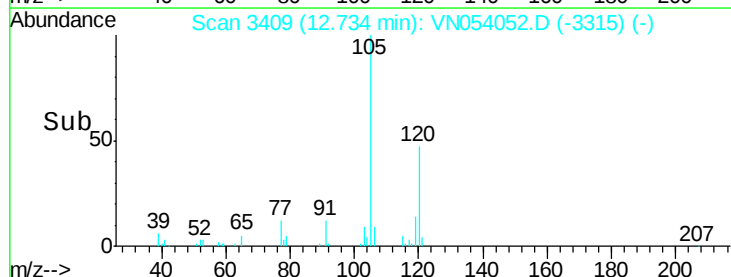
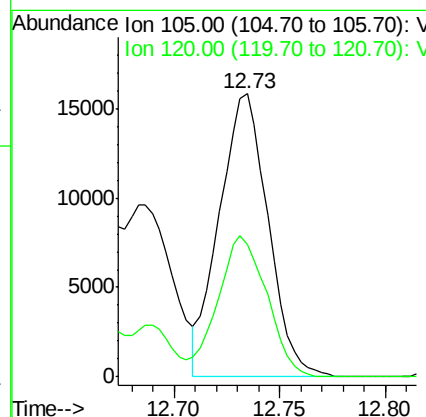
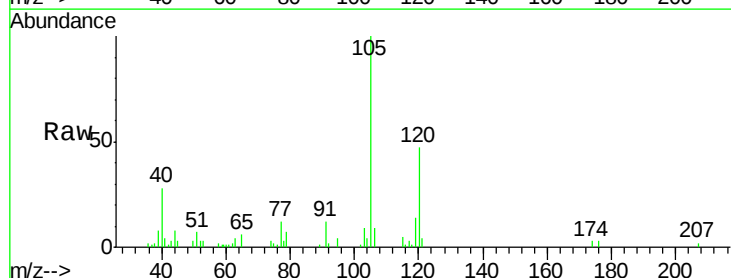
RT: 12.73 min Scan# 3409

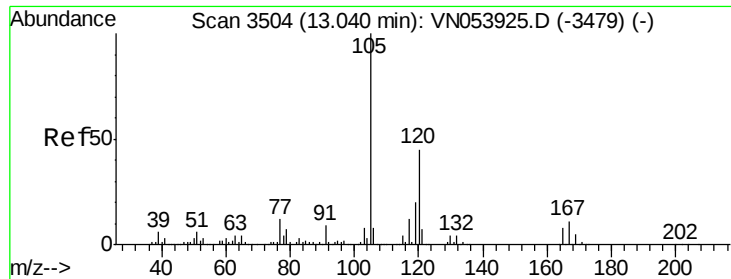
Delta R.T. 0.00 min

Lab File: VN054052.D

Acq: 2 Mar 2019 1:29

Tgt Ion:	105	Resp:	25448
Ion Ratio	Lower	Upper	
105	100		
120	50.1	25.1	75.2





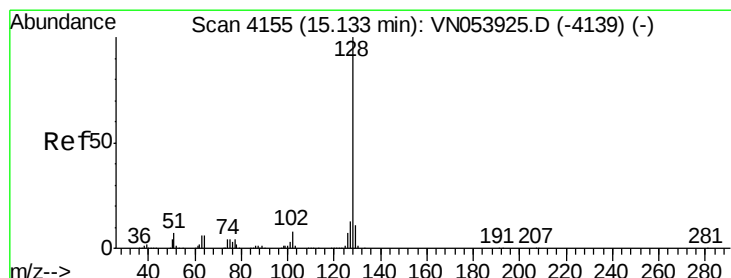
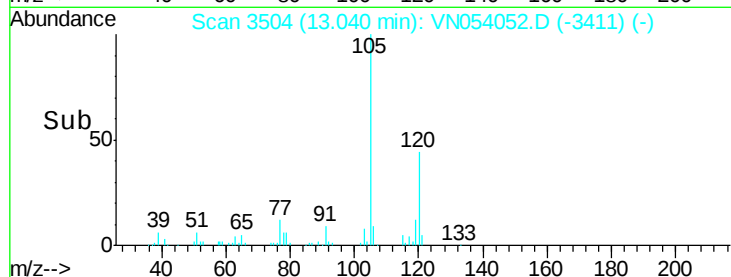
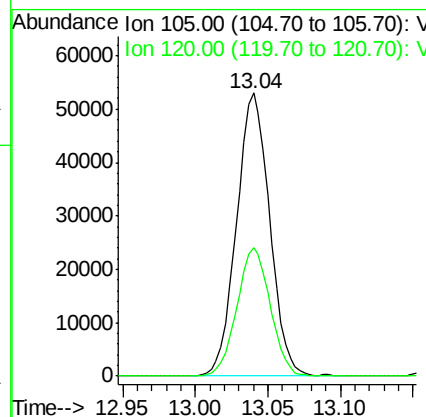
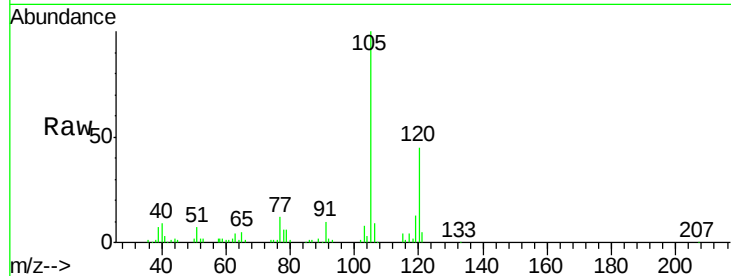
#84
 1,2,4-Trimethylbenzene
 Concen: 3.404 ug/l
 RT: 13.04 min Scan# 3504
 Delta R.T. 0.00 min
 Lab File: VN054052.D
 Acq: 2 Mar 2019 1:29

Instrument :
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 ClientSampleId :
 Z-3-12-A

Tot Ion	Ratio	Lower	Upper
105	100		
120	45.4	23.2	69.5

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#95
 Naphthalene
 Concen: 3.903 ug/l
 RT: 15.13 min Scan# 4155
 Delta R.T. 0.00 min
 Lab File: VN054052.D
 Acq: 2 Mar 2019 1:29

Tgt Ion	Ratio	Lower	Upper
128	100		
127	11.0	10.2	15.2
129	10.7	8.6	12.8

