

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN061618\
 Data File : VN049330.D
 Acq On : 17 Jun 2018 00:12
 Operator : MD\SY
 Sample : J3435-05 50X
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW12

Manual Integrations
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 6/18/2018 3:16:31 PM

Quant Time: Jun 18 05:12:58 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N061618W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 16 01:02:01 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1390075	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	2062421	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1730218	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	682766	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.03	65	825888	44.79	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	89.58%	
35) Dibromofluoromethane	7.59	113	757583	45.40	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	90.80%	
50) Toluene-d8	10.09	98	2864083	45.08	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	90.16%	
62) 4-Bromofluorobenzene	12.40	95	875711	41.69	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	83.38%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
18) Methyl Acetate	4.33	43	29430	2.16	ug/l	# 87
31) Cyclohexane	7.66	56	262313	9.48	ug/l	# 84
39) Methylcyclohexane	9.08	83	72307	2.85	ug/l	99
40) Benzene	8.04	78	102777	1.42	ug/l	99
52) Toluene	10.16	92	1900775	44.69	ug/l	97
67) Ethyl Benzene	11.51	91	4444606	60.12	ug/l	98
68) m/p-Xylenes	11.62	106	5792865	208.79	ug/l	97
69) o-Xylene	11.95	106	1700232	63.62	ug/l	97
73) Isopropylbenzene	12.25	105	130425	2.18	ug/l	99
78) n-propylbenzene	12.59	91	343955	5.23	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	597163	12.67	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	2283571	48.79	ug/l	98
85) sec-Butylbenzene	13.17	105	13303m	0.24	ug/l	
95) Naphthalene	15.14	128	300411	17.27	ug/l	99

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

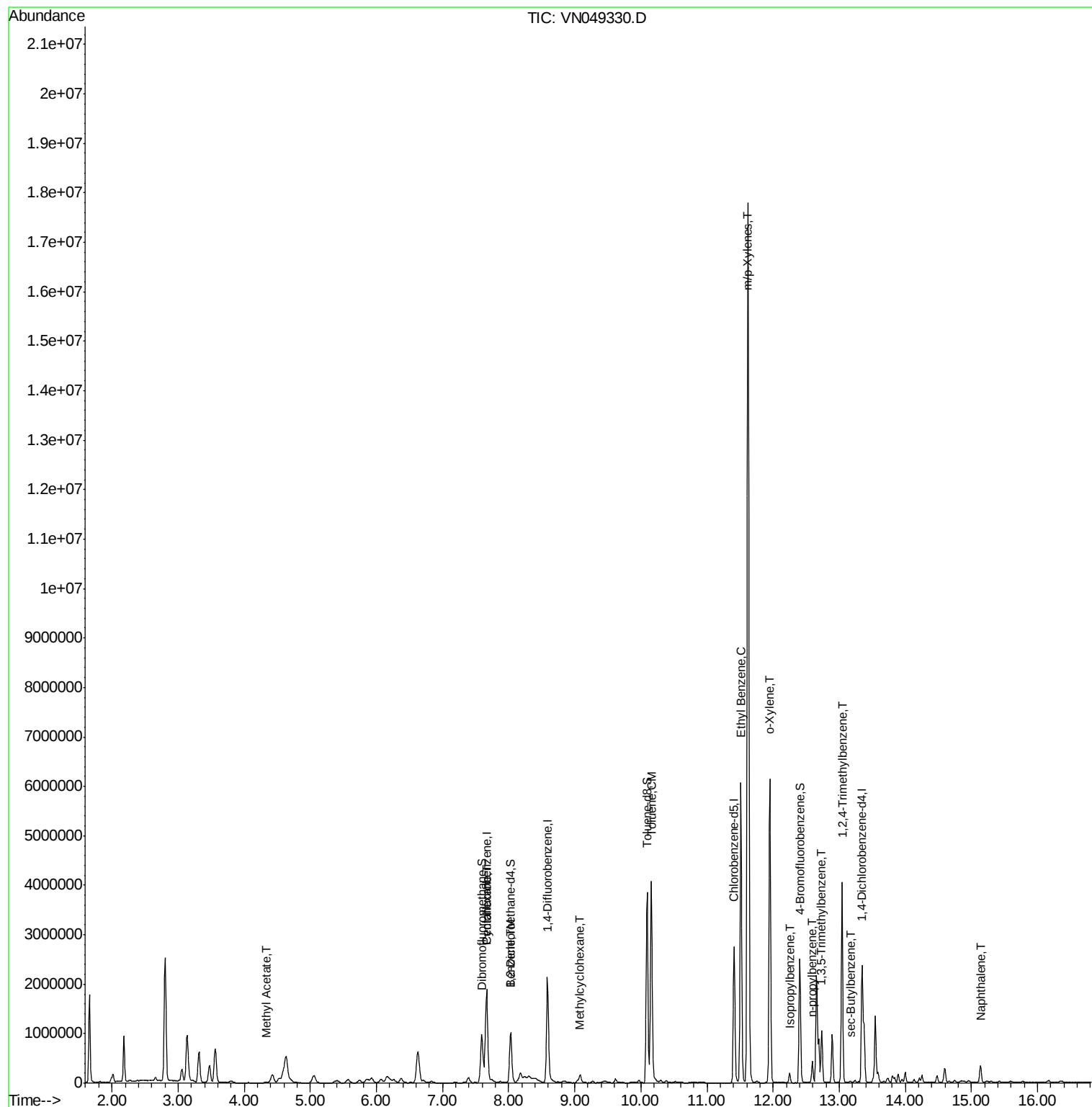
Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN061618\
Data File : VN049330.D
Acq On : 17 Jun 2018 00:12
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Misc : 5.00mL/MSVOA N/WATER
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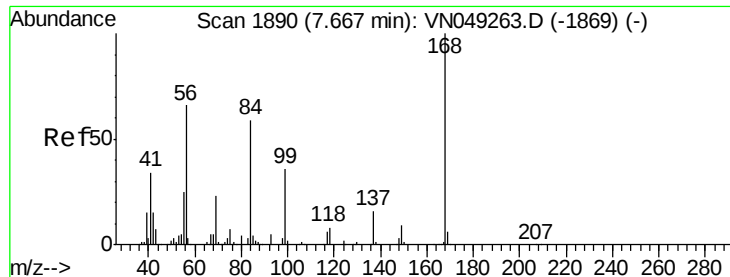
Instrument :
MSVOA_N
ClientSampleId :
MW12

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Quant Time: Jun 18 05:12:58 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N061618W.M
Quant Title : SW846 8260
QLast Update : Sat Jun 16 01:02:01 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.67 min Scan# 1890

Delta R.T. -0.00 min

Lab File: VN049330.D

Acq: 17 Jun 2018 00:12

Instrument :

MSVOA_N

ClientSampled :

MW12

Tot Ion:168 Resp: 1390075

Ion Ratio Lower Upper

168 100

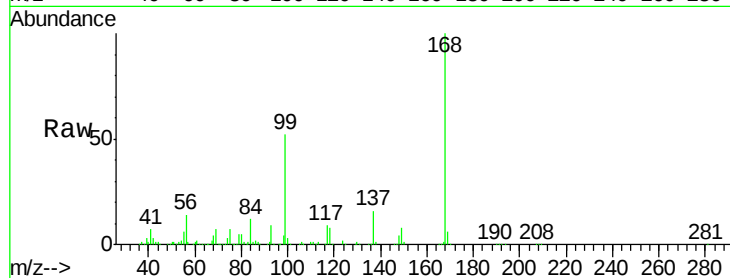
99 51.9 45.8 68.6

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

7.67

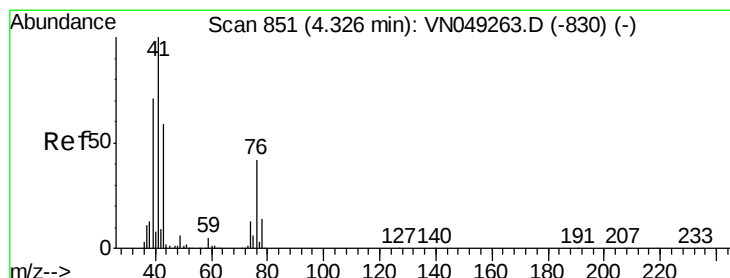
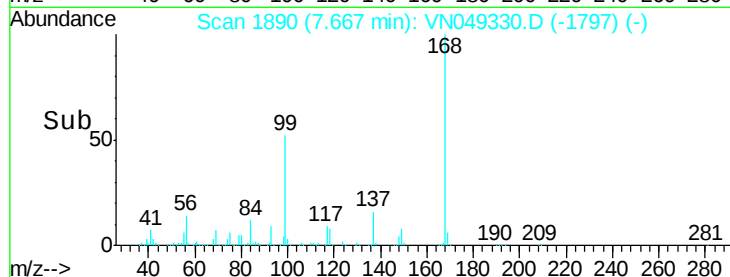
600000

400000

200000

0

Time--> 7.50 7.60 7.70 7.80



#18

Methyl Acetate

Concen: 2.16 ug/l

RT: 4.33 min Scan# 852

Delta R.T. 0.00 min

Lab File: VN049330.D

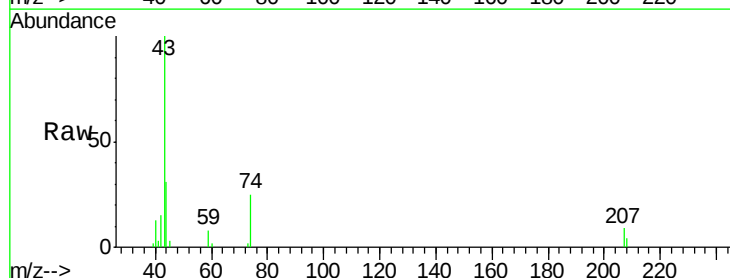
Acq: 17 Jun 2018 00:12

Tgt Ion: 43 Resp: 29430

Ion Ratio Lower Upper

43 100

74 15.6 17.4 26.0#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 74.00 (73.70 to 74.70): VN0

4.33

10000

8000

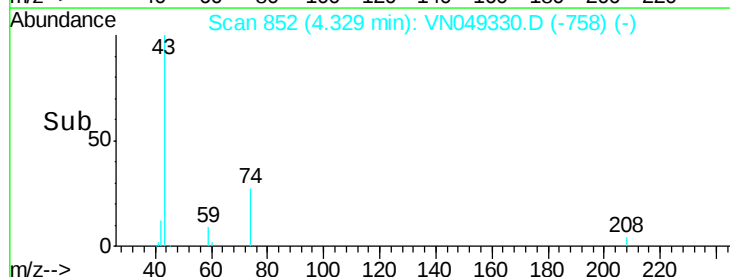
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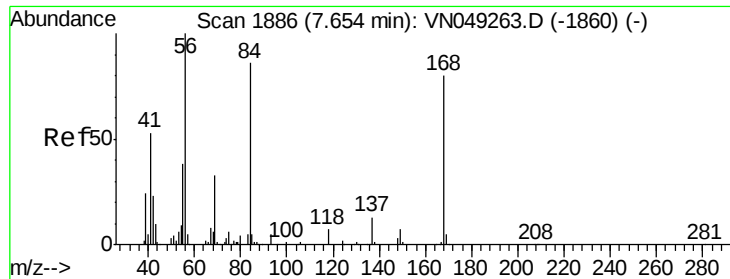
4000

2000

0

Time--> 4.25 4.30 4.35 4.40





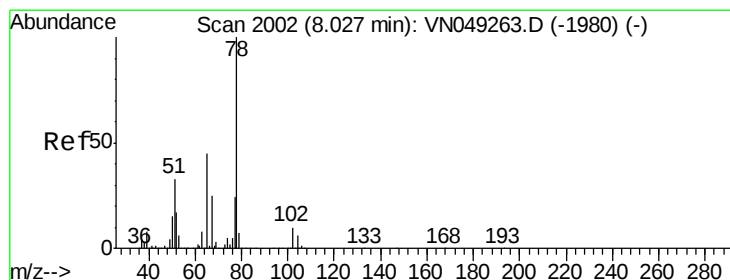
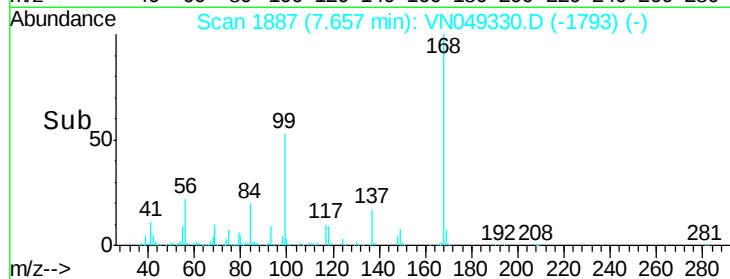
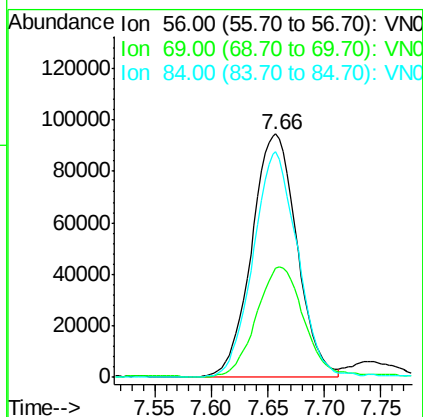
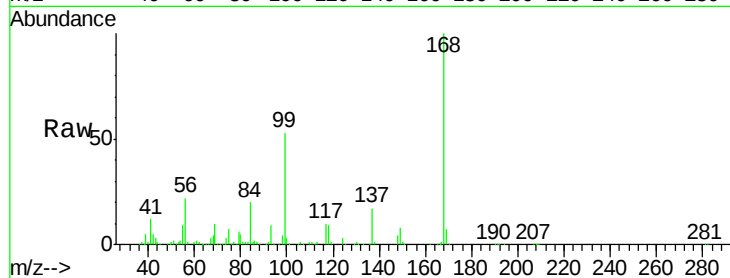
#31
Cyclohexane
Concen: 9.48 ug/l
RT: 7.66 min Scan# 1887
Delta R.T. 0.00 min
Lab File: VN049330.D
Acq: 17 Jun 2018 00:12

Instrument :
MSVOA_N
ClientSampled :
MW12

Tot Ion	Ratio	Lower	Upper
56	100		
69	44.7	25.0	37.4#
84	92.5	64.6	96.8

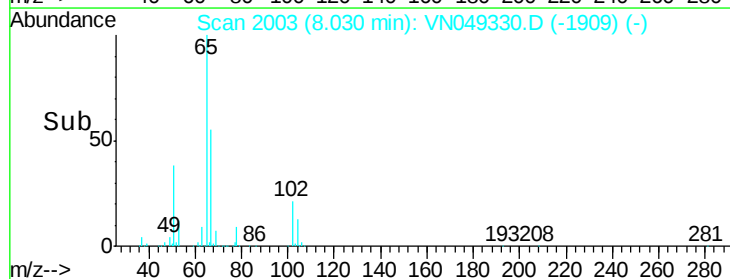
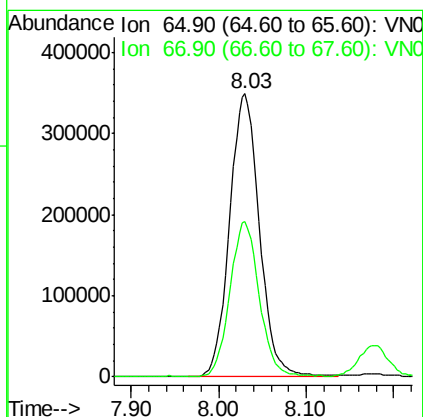
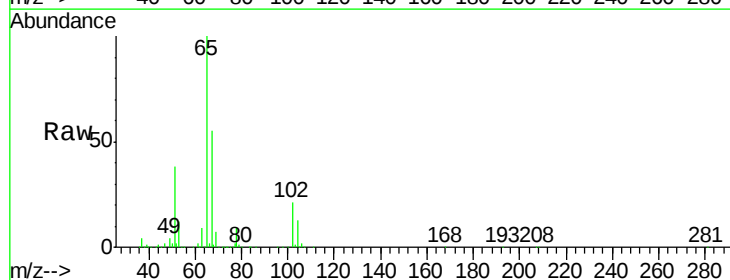
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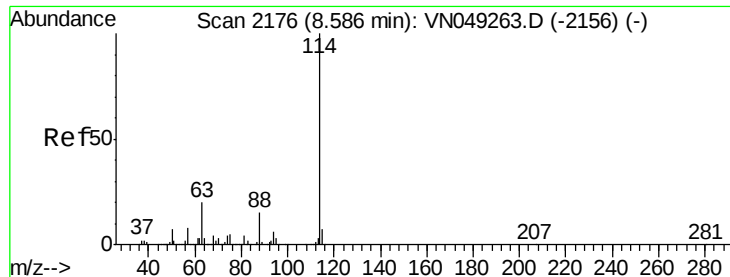
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#33
1,2-Dichloroethane-d4
Concen: 44.79 ug/l
RT: 8.03 min Scan# 2003
Delta R.T. 0.00 min
Lab File: VN049330.D
Acq: 17 Jun 2018 00:12

Tgt Ion	Ratio	Lower	Upper
65	100		
67	53.5	0.0	103.8





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.59 min Scan# 2177

Delta R.T. 0.00 min

Lab File: VN049330.D

Acq: 17 Jun 2018 00:12

Instrument :

MSVOA_N

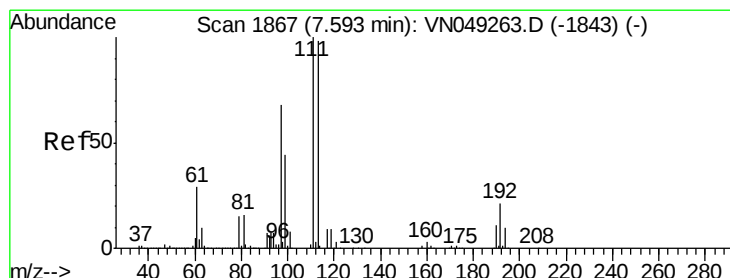
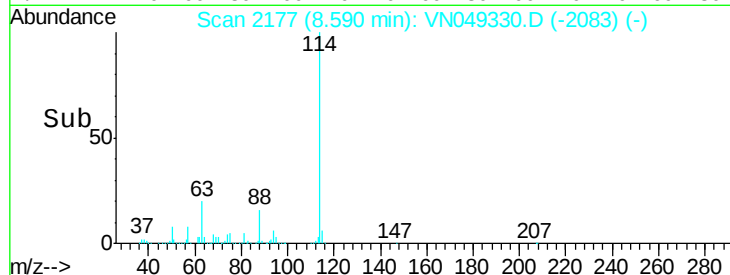
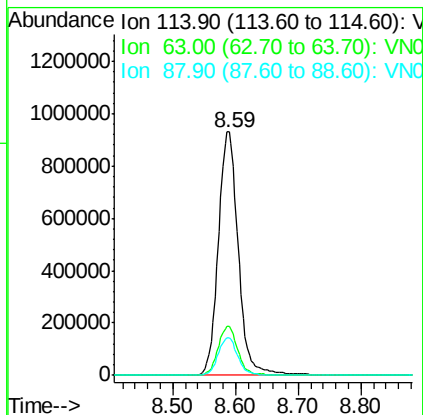
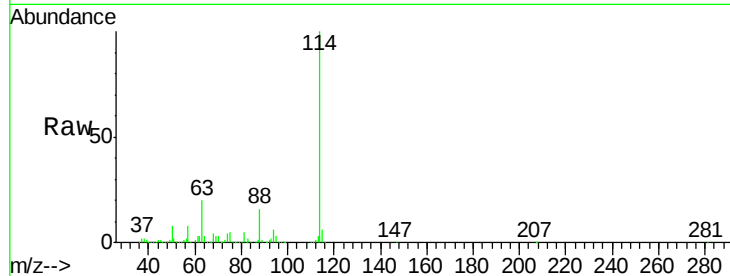
ClientSampled :

MW12

Tot Ion:	114	Resp:	2062421
Ion	Ratio	Lower	Upper
114	100		
63	20.0	0.0	44.4
88	15.5	0.0	31.4

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#35

Dibromofluoromethane

Concen: 45.40 ug/l

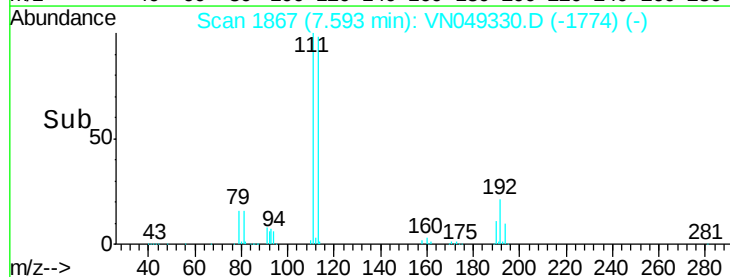
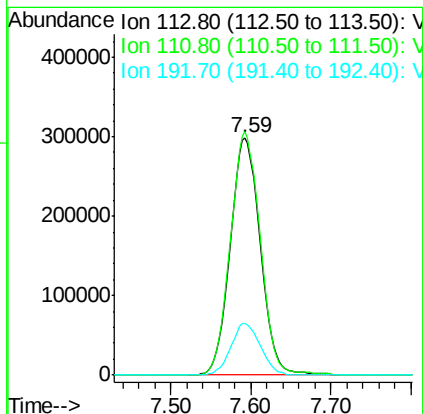
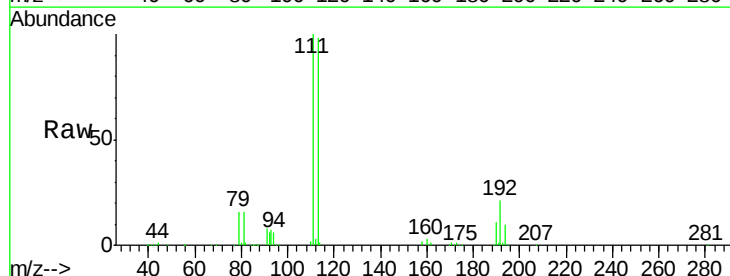
RT: 7.59 min Scan# 1867

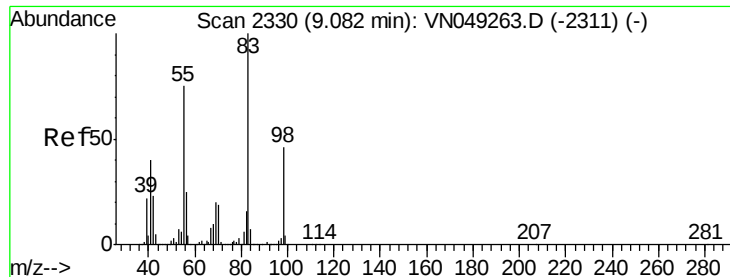
Delta R.T. -0.00 min

Lab File: VN049330.D

Acq: 17 Jun 2018 00:12

Tgt Ion:	113	Resp:	757583
Ion	Ratio	Lower	Upper
113	100		
111	102.2	82.4	123.6
192	21.6	15.0	22.6





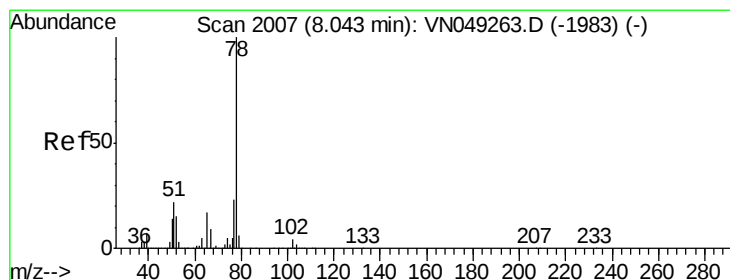
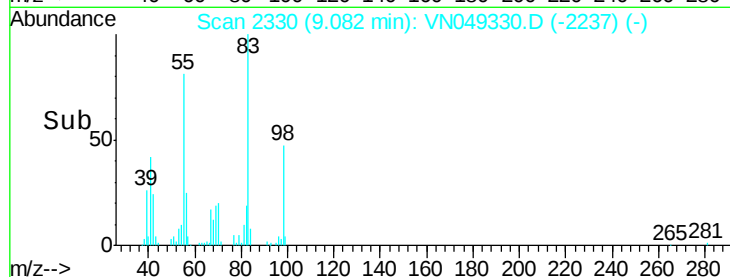
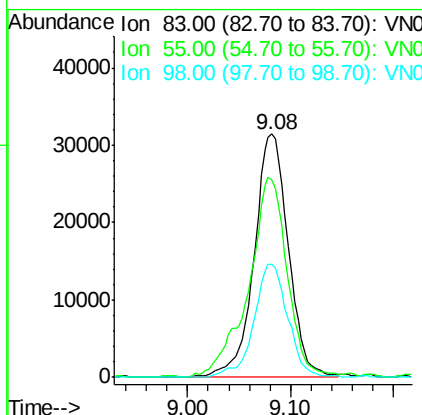
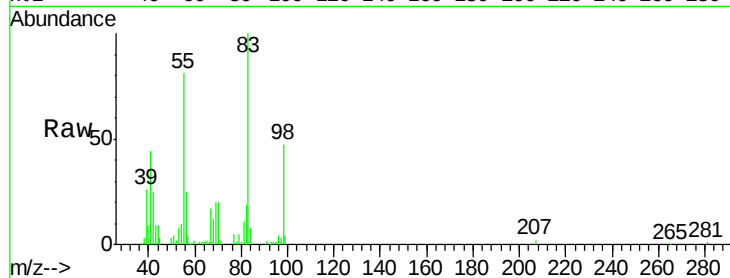
#39
Methvlcvclohexane
Concen: 2.85 ug/l
RT: 9.08 min Scan# 2330
Delta R.T. -0.00 min
Lab File: VN049330.D
Acq: 17 Jun 2018 00:12

Instrument :
MSVOA_N
ClientSampleId :
MW12

Tot Ion	Ratio	Lower	Upper
83	100		
55	81.0	65.1	97.7
98	46.6	36.5	54.7

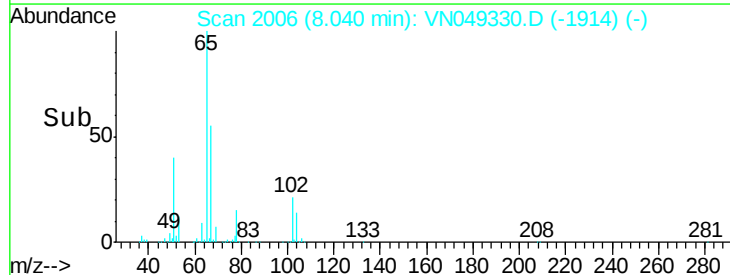
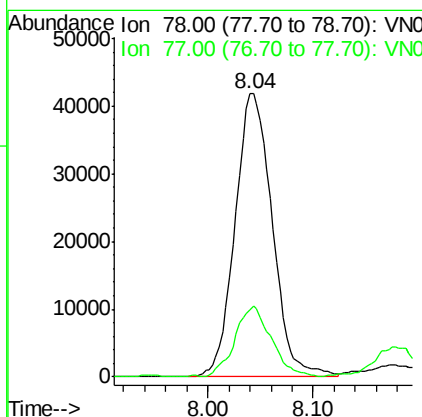
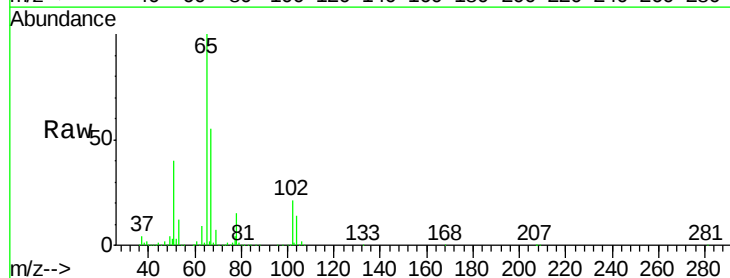
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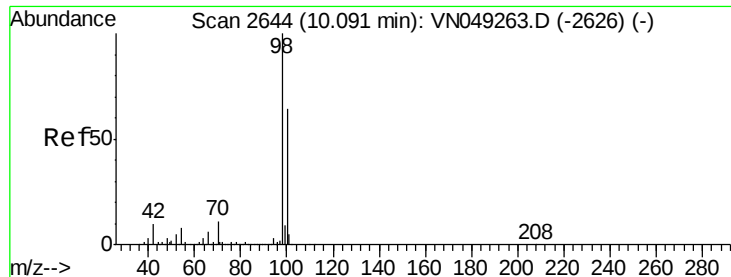
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#40
Benzene
Concen: 1.42 ug/l
RT: 8.04 min Scan# 2006
Delta R.T. -0.00 min
Lab File: VN049330.D
Acq: 17 Jun 2018 00:12

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.6	19.4	29.0





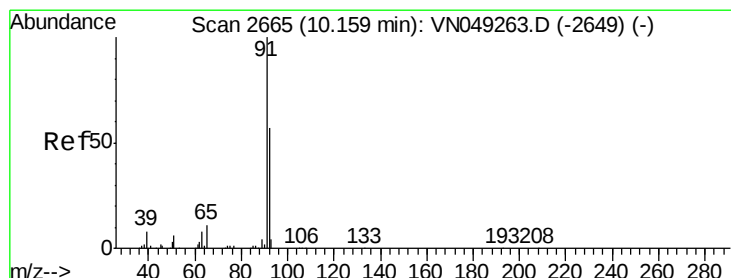
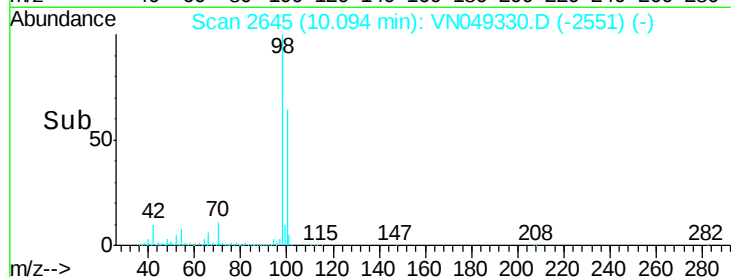
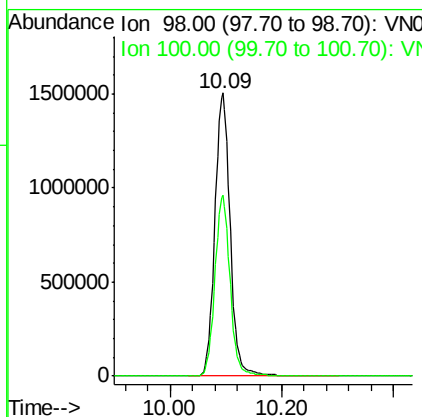
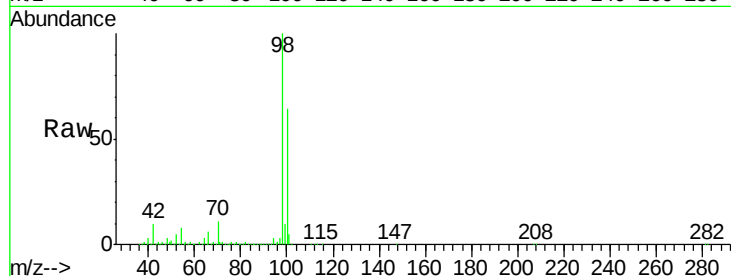
#50
Toluene-d8
Concen: 45.08 ug/l
RT: 10.09 min Scan# 2645
Delta R.T. 0.00 min
Lab File: VN049330.D
Acq: 17 Jun 2018 00:12

Instrument :
MSVOA_N
ClientSampleId :
MW12

Tot Ion: 98 Resp: 2864083
Ion Ratio Lower Upper
98 100
100 63.4 49.8 74.8

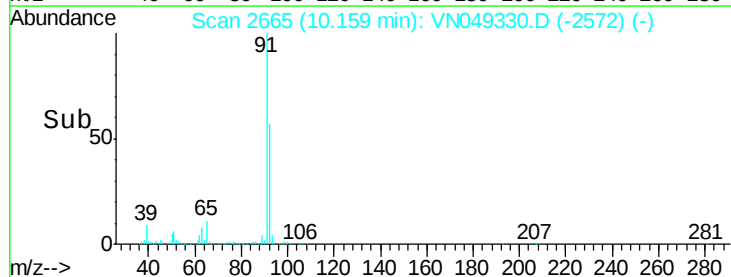
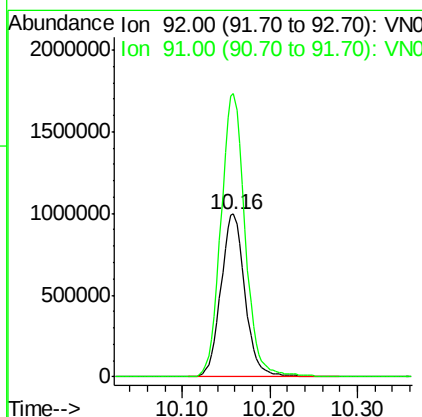
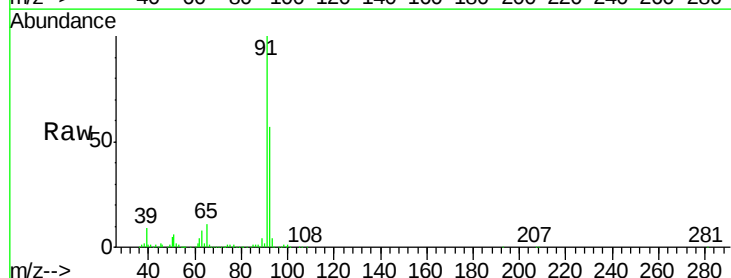
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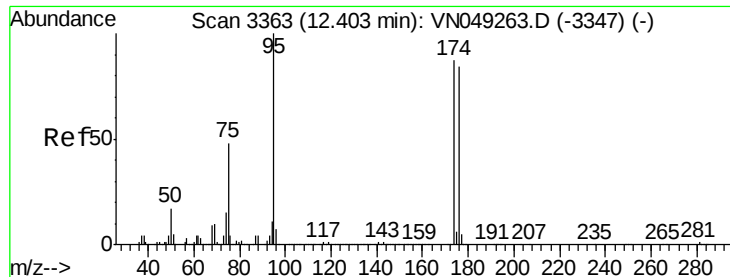
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#52
Toluene
Concen: 44.69 ug/l
RT: 10.16 min Scan# 2665
Delta R.T. -0.00 min
Lab File: VN049330.D
Acq: 17 Jun 2018 00:12

Tgt Ion: 92 Resp: 1900775
Ion Ratio Lower Upper
92 100
91 175.0 143.4 215.2





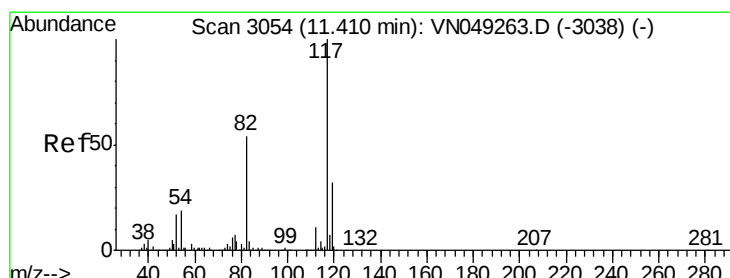
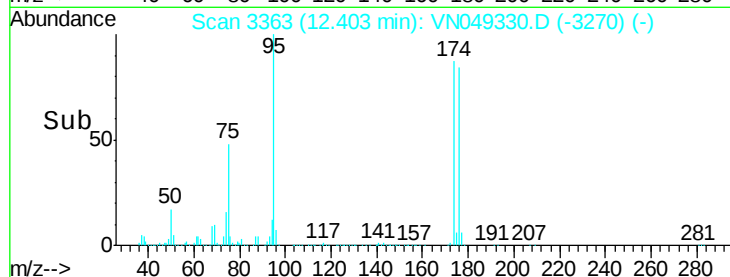
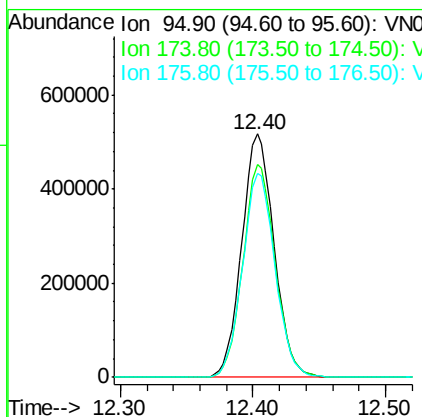
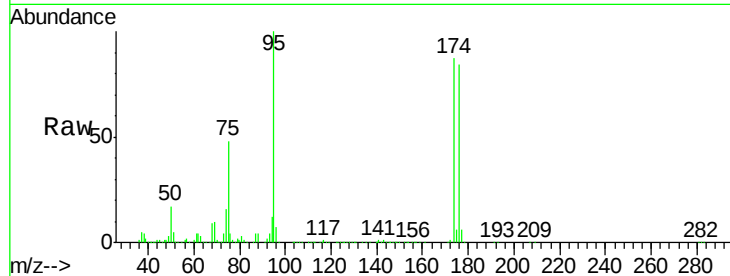
#62
4-Bromofluorobenzene
Concen: 41.69 ug/l
RT: 12.40 min Scan# 3363
Delta R.T. 0.00 min
Lab File: VN049330.D
Acq: 17 Jun 2018 00:12

Instrument :
MSVOA_N
ClientSampleId :
MW12

Tot Ion	Ratio	Resp	Lower	Upper
95	100	875711		
174	87.5	0.0	165.6	
176	84.5	0.0	157.4	

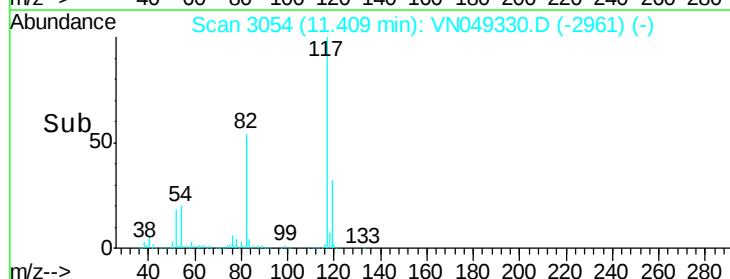
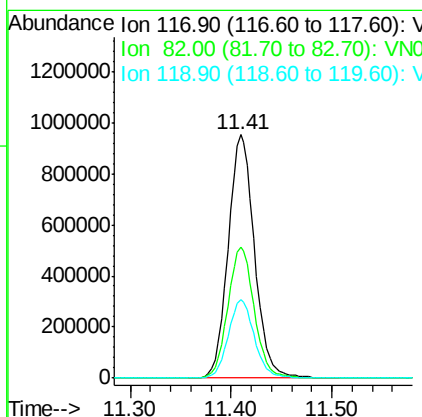
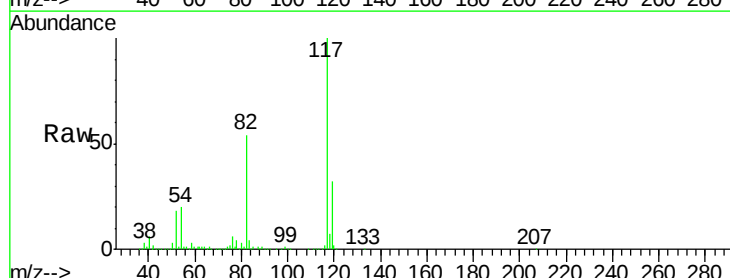
Manual Integrations
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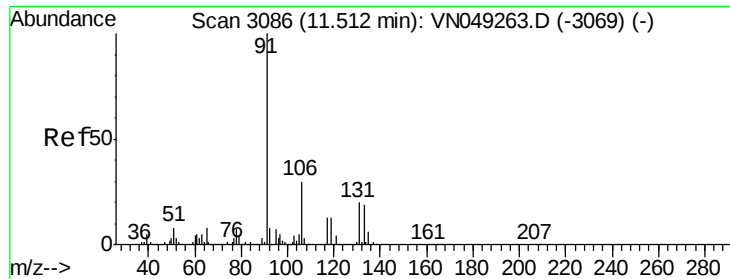
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#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 3054
Delta R.T. -0.00 min
Lab File: VN049330.D
Acq: 17 Jun 2018 00:12

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	1730218		
82	54.0	45.9	68.9	
119	32.1	25.5	38.3	





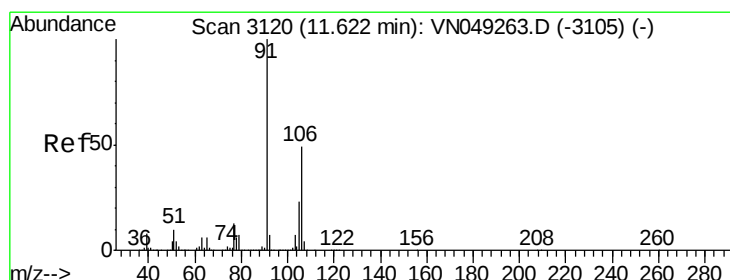
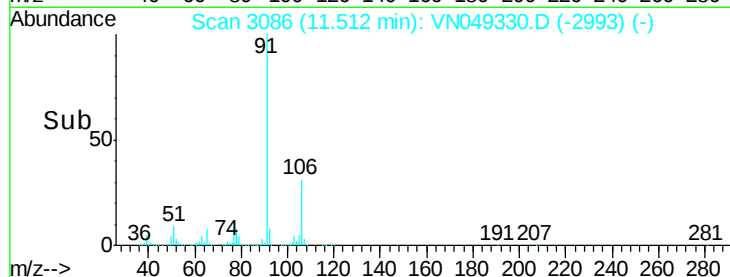
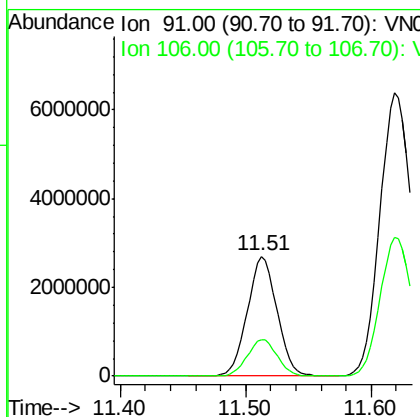
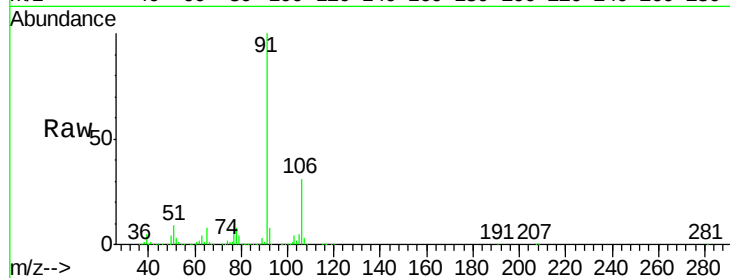
#67
Ethyl Benzene
Concen: 60.12 ug/l
RT: 11.51 min Scan# 3086
Delta R.T. -0.00 min
Lab File: VN049330.D
Acq: 17 Jun 2018 00:12

Instrument :
MSVOA_N
ClientSampled :
MW12

Tot Ion: 91 Resp: 4444606
Ion Ratio Lower Upper
91 100
106 30.8 23.9 35.9

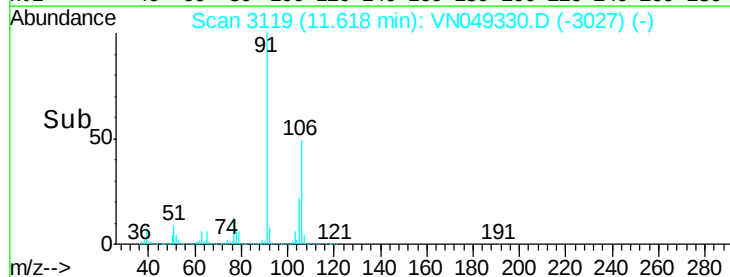
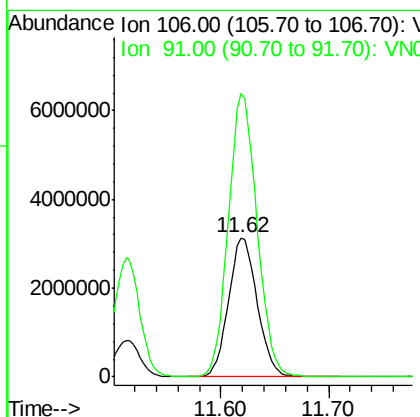
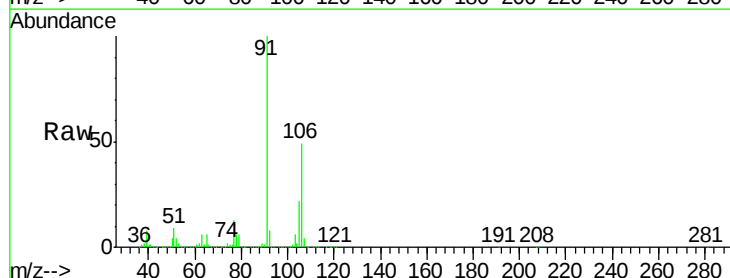
Manual Integrations
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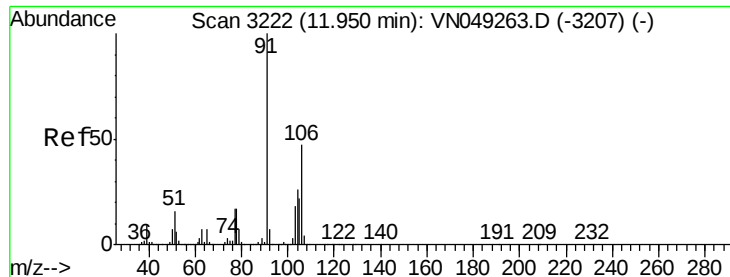
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#68
m/p-Xylenes
Concen: 208.79 ug/l
RT: 11.62 min Scan# 3119
Delta R.T. -0.00 min
Lab File: VN049330.D
Acq: 17 Jun 2018 00:12

Tgt Ion: 106 Resp: 5792865
Ion Ratio Lower Upper
106 100
91 204.3 167.3 250.9





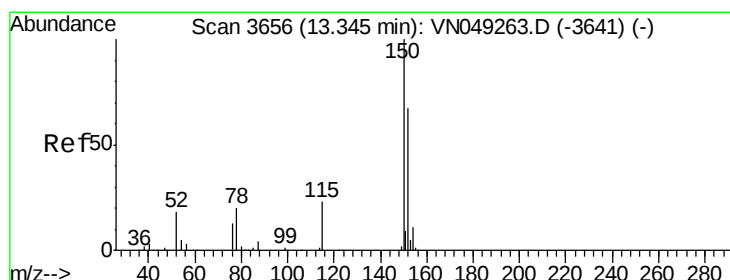
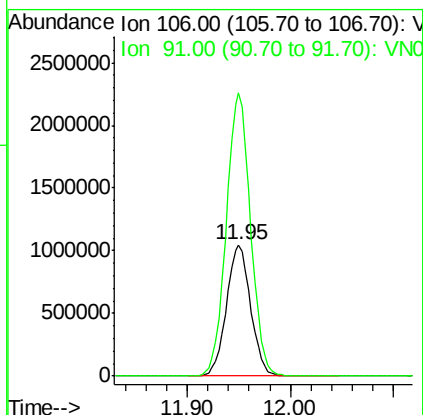
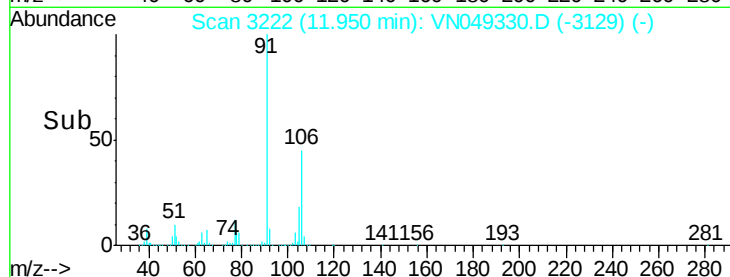
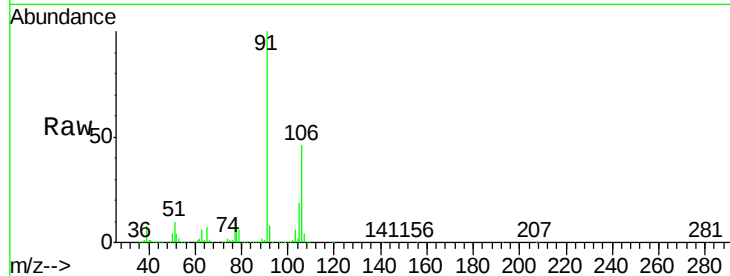
#69
o-Xylene
Concen: 63.62 ug/l
RT: 11.95 min Scan# 3222
Delta R.T. -0.00 min
Lab File: VN049330.D
Acq: 17 Jun 2018 00:12

Instrument :
MSVOA_N
ClientSampled :
MW12

Tot Ion:106 Resp: 1700232
Ion Ratio Lower Upper
106 100
91 217.0 111.0 333.0

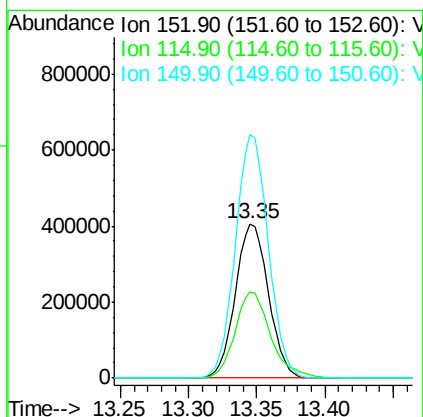
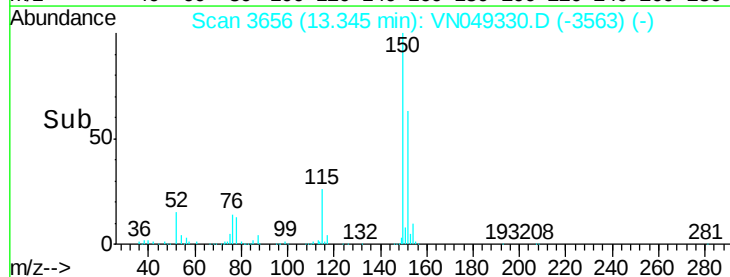
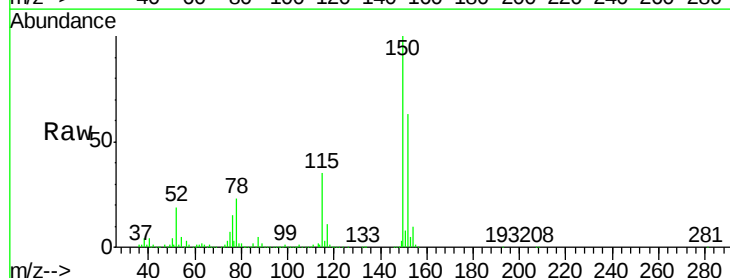
Manual Integrations
APPROVED

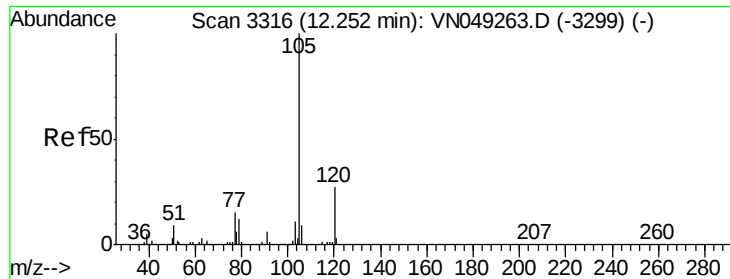
MMDadoda
6/18/2018 3:16:31 PM



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.35 min Scan# 3656
Delta R.T. -0.00 min
Lab File: VN049330.D
Acq: 17 Jun 2018 00:12

Tgt Ion:152 Resp: 682766
Ion Ratio Lower Upper
152 100
115 59.7 28.7 86.1
150 156.9 0.0 351.0





#73

Isopropylbenzene

Concen: 2.18 ug/l

RT: 12.25 min Scan# 3316

Delta R.T. -0.00 min

Lab File: VN049330.D

Acq: 17 Jun 2018 00:12

Instrument :

MSVOA_N

ClientSampleId :

MW12

Tot Ion: 105 Resp: 130425

Ion Ratio Lower Upper

105 100

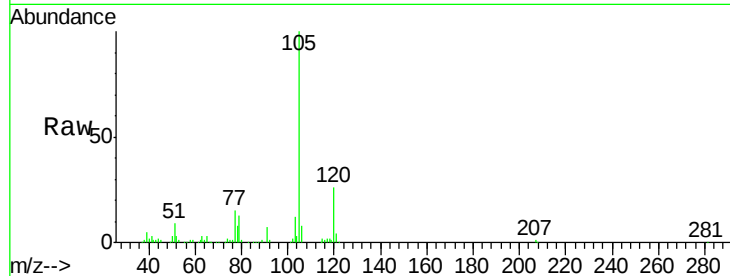
120 25.9 12.8 38.3

Manual Integrations

APPROVED

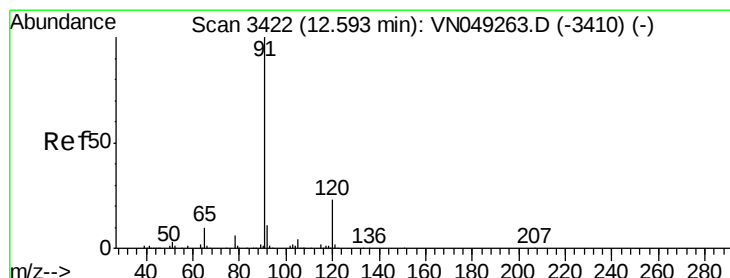
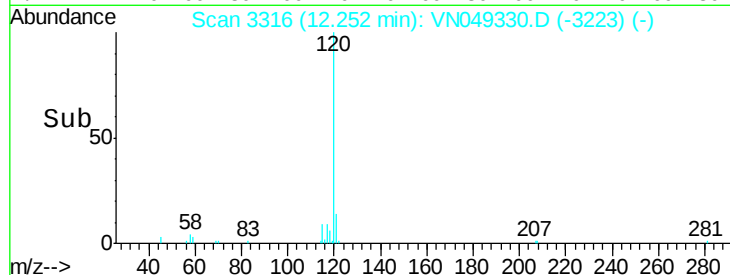
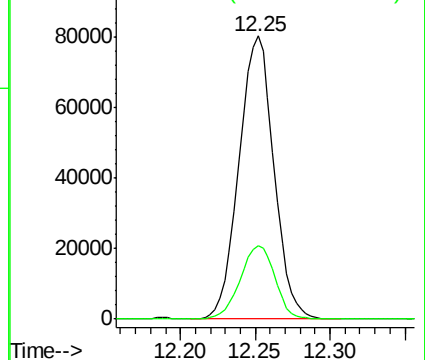
MMDadoda

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#78

n-propylbenzene

Concen: 5.23 ug/l

RT: 12.59 min Scan# 3422

Delta R.T. -0.00 min

Lab File: VN049330.D

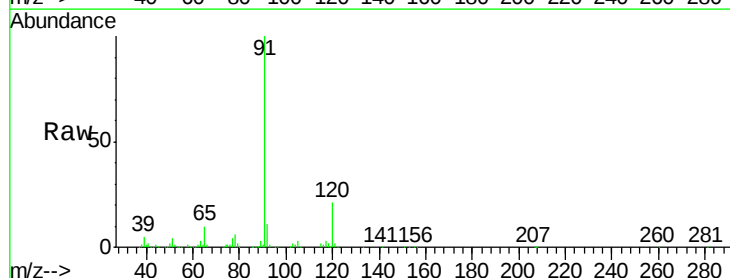
Acq: 17 Jun 2018 00:12

Tgt Ion: 91 Resp: 343955

Ion Ratio Lower Upper

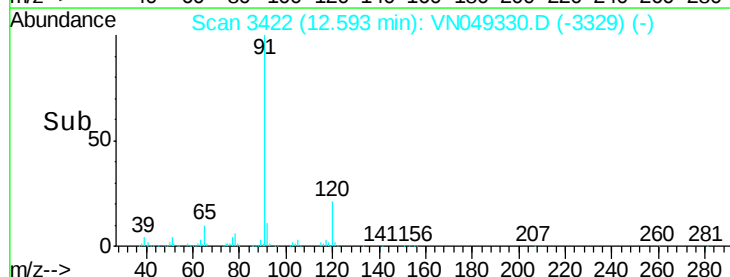
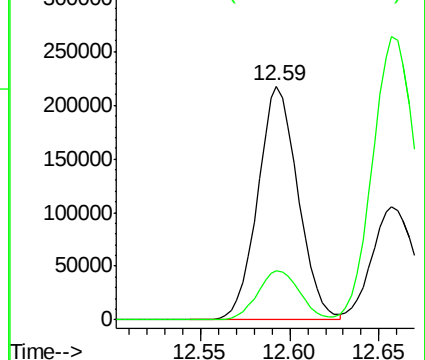
91 100

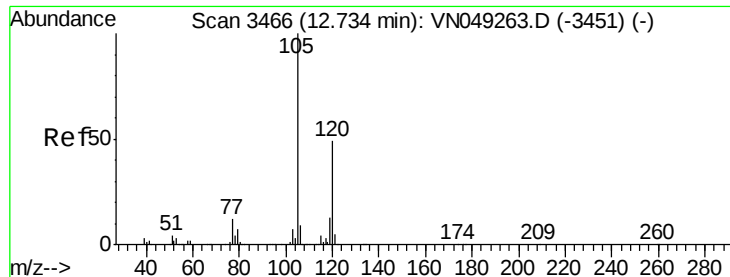
120 22.0 11.2 33.5



Abundance Ion 91.00 (90.70 to 91.70): V

Ion 120.00 (119.70 to 120.70): V





#80

1,3,5-Trimethylbenzene

Concen: 12.67 ug/l

RT: 12.73 min Scan# 3466

Delta R.T. -0.00 min

Lab File: VN049330.D

Acq: 17 Jun 2018 00:12

Instrument :

MSVOA_N

ClientSampled :

MW12

Tot Ion:105 Resp: 597163

Ion Ratio Lower Upper

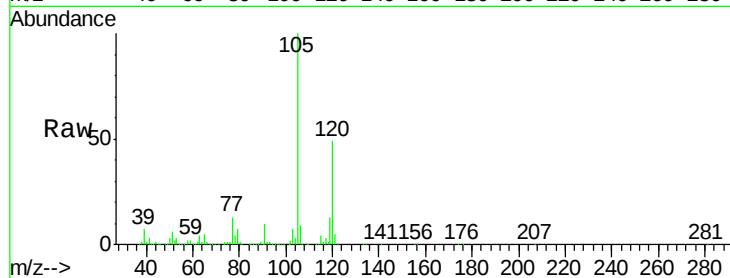
105 100

120 47.8 23.5 70.5

Manual Integrations
APPROVED

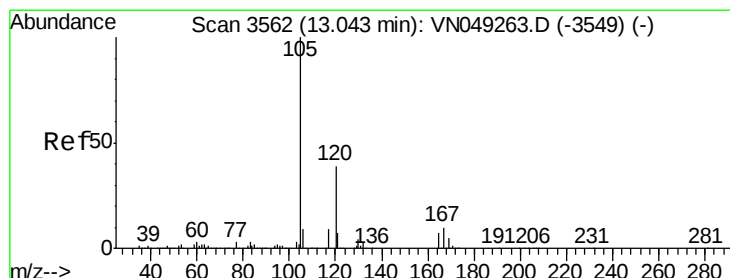
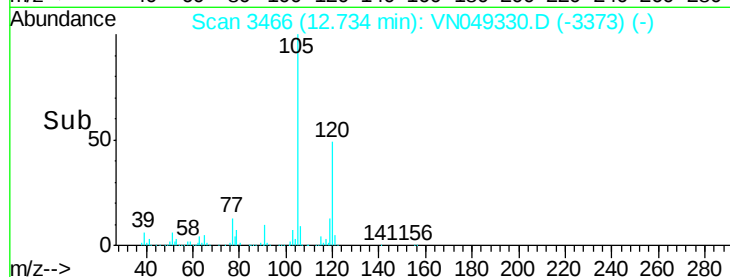
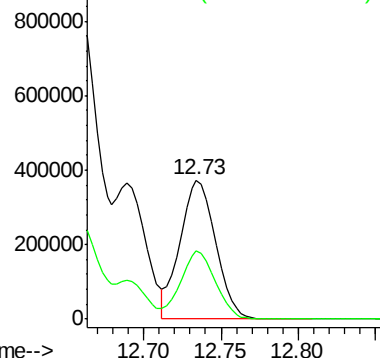
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#84

1,2,4-Trimethylbenzene

Concen: 48.79 ug/l

RT: 13.04 min Scan# 3562

Delta R.T. -0.00 min

Lab File: VN049330.D

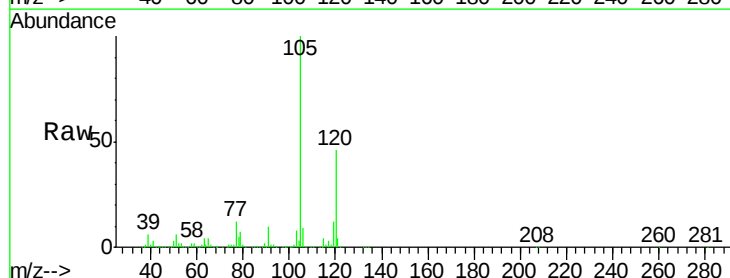
Acq: 17 Jun 2018 00:12

Tgt Ion:105 Resp: 2283571

Ion Ratio Lower Upper

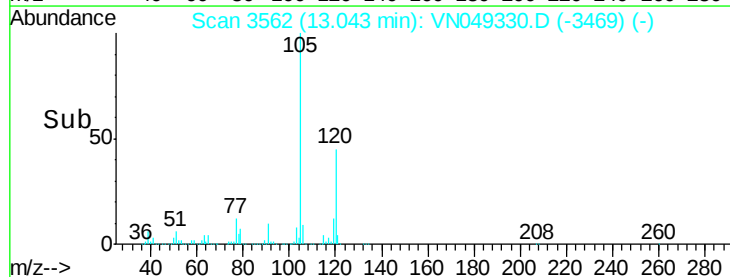
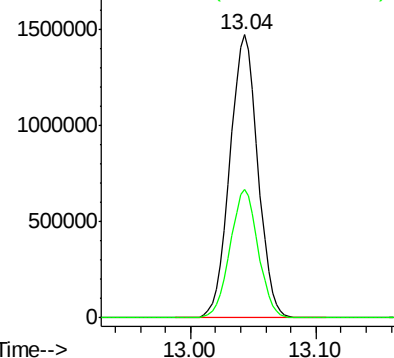
105 100

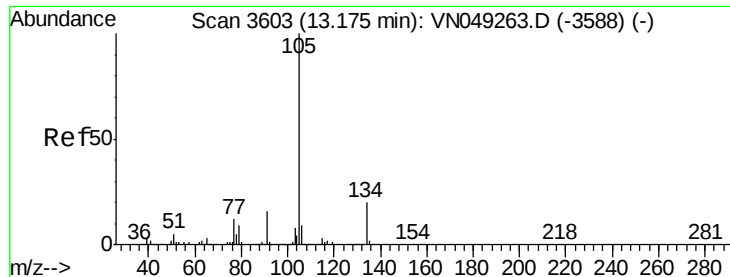
120 45.7 22.2 66.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 0.24 ug/l m

RT: 13.17 min Scan# 3603

Delta R.T. -0.00 min

Lab File: VN049330.D

Acq: 17 Jun 2018 00:12

Instrument :

MSVOA_N

ClientSampled :

MW12

Tot Ion:105 Resp: 13303

Ion Ratio Lower Upper

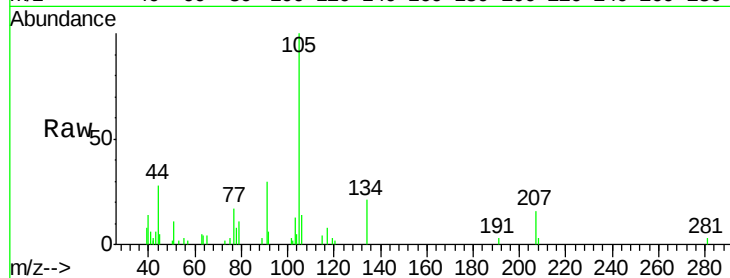
105 100

134 7.3 9.8 29.3#

Manual Integrations
APPROVED

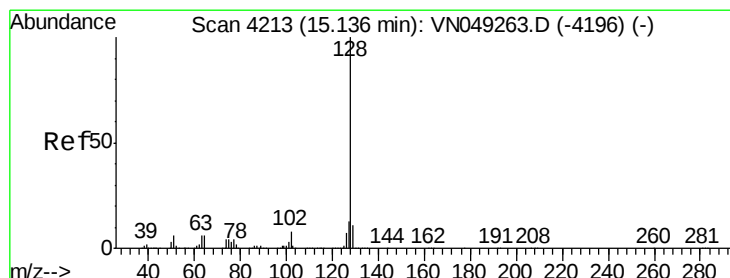
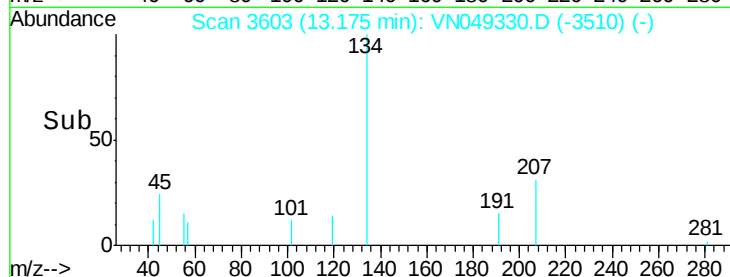
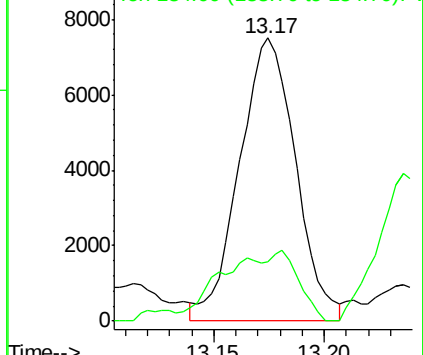
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#95

Naphthalene

Concen: 17.27 ug/l

RT: 15.14 min Scan# 4213

Delta R.T. 0.00 min

Lab File: VN049330.D

Acq: 17 Jun 2018 00:12

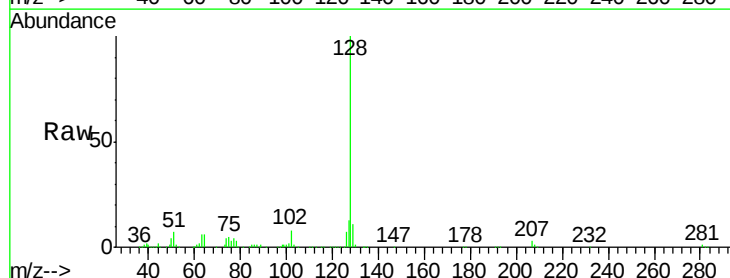
Tgt Ion:128 Resp: 300411

Ion Ratio Lower Upper

128 100

127 13.0 10.6 16.0

129 11.5 8.5 12.7



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

