

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN061418\
 Data File : VN049222.D
 Acq On : 14 Jun 2018 12:50
 Operator : MD\SY
 Sample : J3435-04
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW11

Manual Integrations
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 6/15/2018 1:44:24 PM

Quant Time: Jun 15 11:33:28 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N061318W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 14 05:15:23 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	630680	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1125294	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1222789	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	611140	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	384134	37.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	75.44%	
35) Dibromofluoromethane	7.59	113	350833	37.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	75.34%	
50) Toluene-d8	10.09	98	1470563	40.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	81.18%	
62) 4-Bromofluorobenzene	12.40	95	611337	50.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.68%	
Target Compounds						
					Qvalue	
17) Carbon Disulfide	4.05	76	40792	1.518	ug/l	97
31) Cyclohexane	7.65	56	6267557	416.404	ug/l	96
39) Methylcyclohexane	9.08	83	2638769	181.691	ug/l	98
52) Toluene	10.16	92	79842	3.222	ug/l	88
67) Ethyl Benzene	11.50	91	19954057m	366.672	ug/l	
68) m/p-Xylenes	11.62	106	16926380	850.556	ug/l #	1
69) o-Xylene	11.95	106	4467662	233.115	ug/l	99
73) Isopropylbenzene	12.25	105	2807375	47.826	ug/l	99
78) n-propylbenzene	12.59	91	8666275	132.900	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	8430475	187.312	ug/l	100
84) 1,2,4-Trimethylbenzene	13.03	105	21082508m	471.271	ug/l	
85) sec-Butylbenzene	13.17	105	331701	6.417	ug/l #	62
89) n-Butylbenzene	13.62	91	365596	11.223	ug/l #	58
95) Naphthalene	15.14	128	6937113	296.888	ug/l	99

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

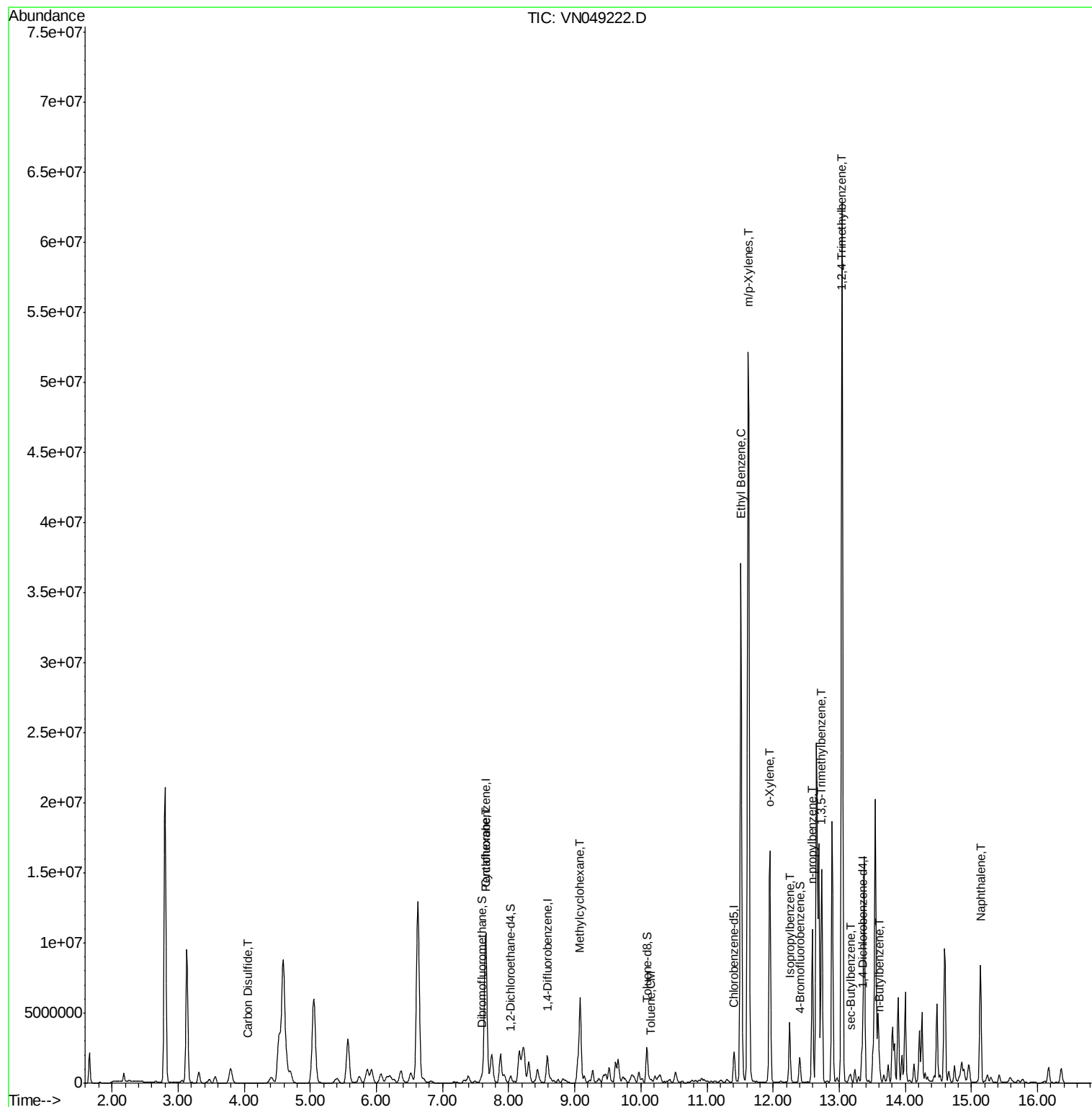
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN061418\
Data File : VN049222.D
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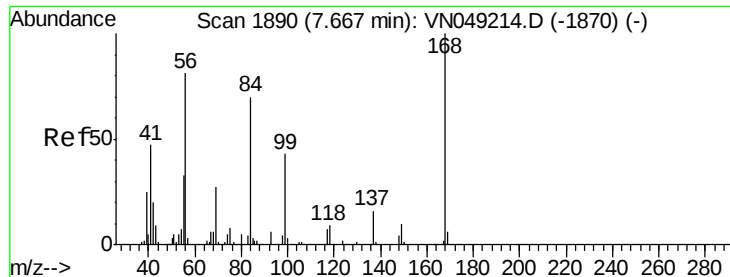
Instrument :
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MW11

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Quant Time: Jun 15 11:33:28 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N061318W.M
Quant Title : SW846 8260
QLast Update : Thu Jun 14 05:15:23 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1890

Delta R.T. 0.00 min

Lab File: VN049222.D

Acq: 14 Jun 2018 12:50

Instrument :

MSVOA_N

ClientSampled :

MW11

Tot Ion:168 Resp: 630680

Ion Ratio Lower Upper

168 100

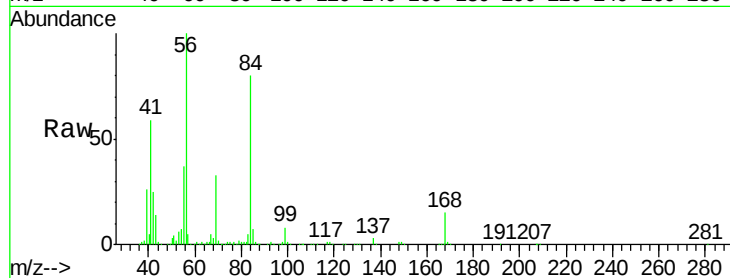
99 54.8 45.8 68.6

Manual Integrations

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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

250000

200000

150000

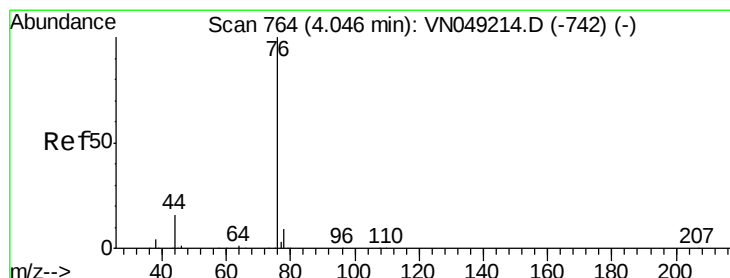
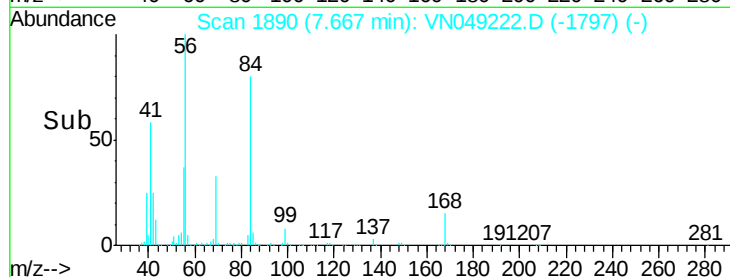
100000

50000

0

7.60 7.70 7.80

Time-->



#17

Carbon Disulfide

Concen: 1.518 ug/l

RT: 4.05 min Scan# 766

Delta R.T. 0.01 min

Lab File: VN049222.D

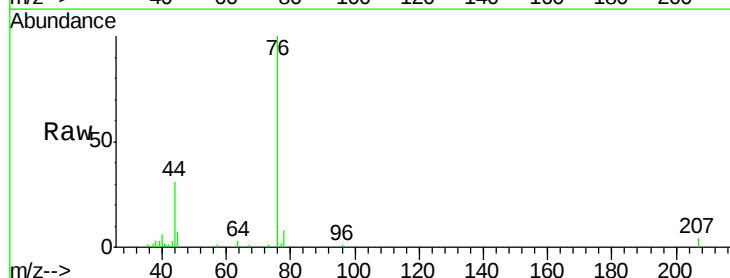
Acq: 14 Jun 2018 12:50

Tgt Ion: 76 Resp: 40792

Ion Ratio Lower Upper

76 100

78 8.0 7.4 11.0



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0

4.05

15000

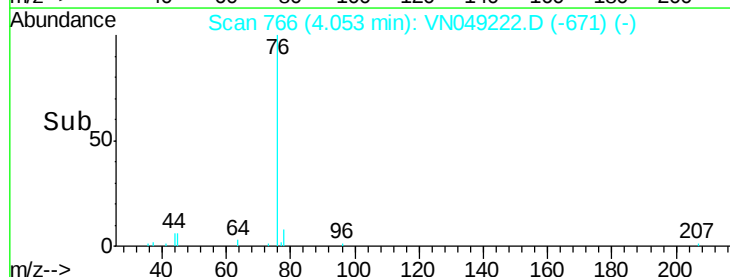
10000

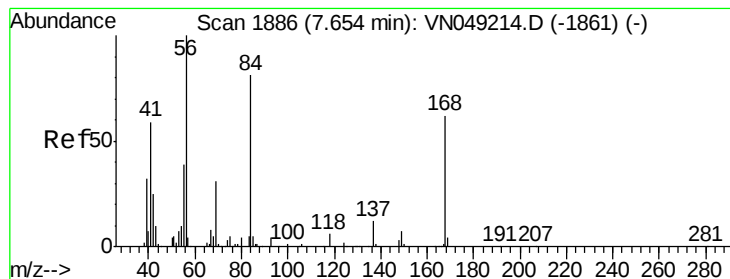
5000

0

3.95 4.00 4.05 4.10

Time-->





#31

Cvclohexane

Concen: 416.404 ug/l

RT: 7.65 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VN049222.D

Acq: 14 Jun 2018 12:50

Instrument :

MSVOA_N

ClientSampled :

MW11

Tot Ion: 56 Resp: 6267557

Ion Ratio Lower Upper

56 100

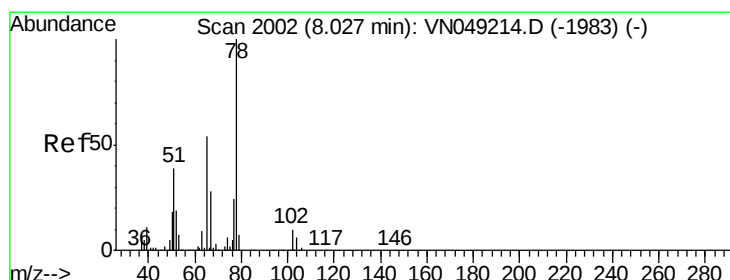
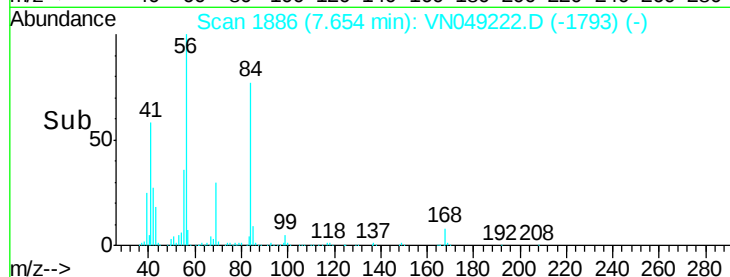
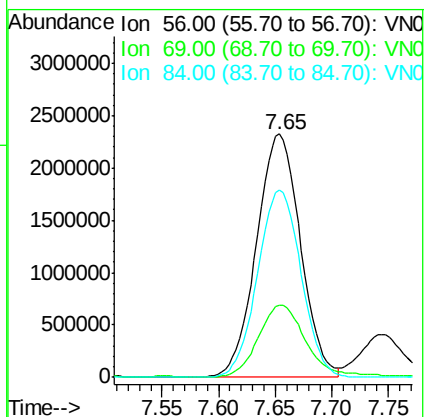
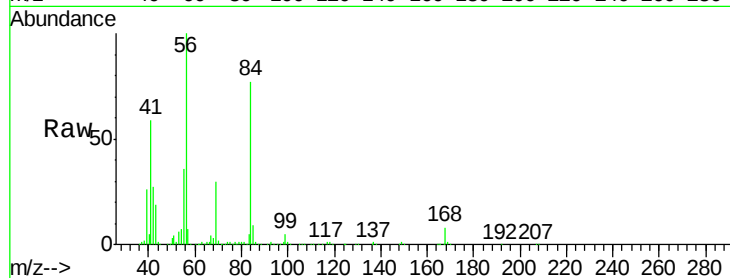
69 29.3 25.0 37.4

84 77.0 64.6 96.8

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#33

1,2-Dichloroethane-d4

Concen: 37.722 ug/l

RT: 8.03 min Scan# 2002

Delta R.T. 0.00 min

Lab File: VN049222.D

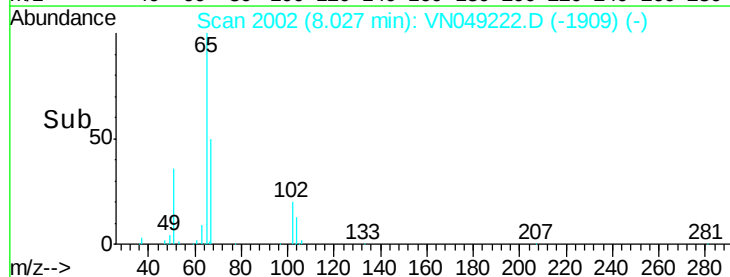
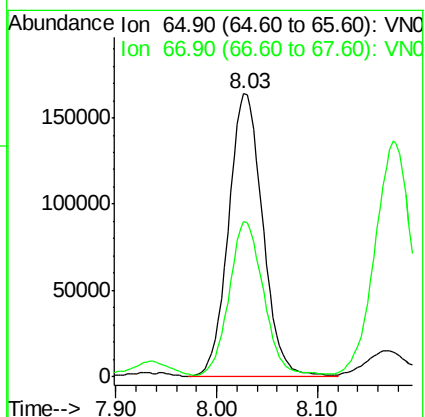
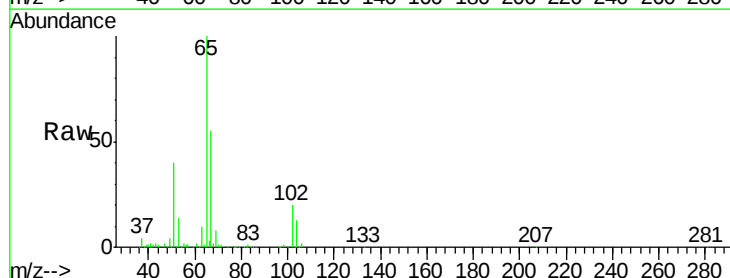
Acq: 14 Jun 2018 12:50

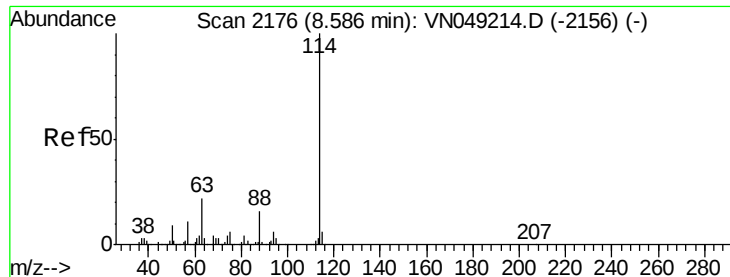
Tgt Ion: 65 Resp: 384134

Ion Ratio Lower Upper

65 100

67 53.8 0.0 103.8





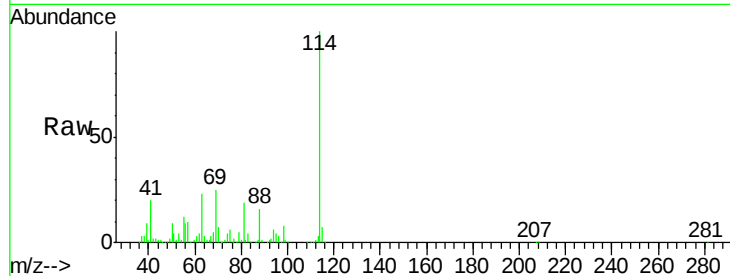
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2176
 Delta R.T. 0.00 min
 Lab File: VN049222.D
 Acq: 14 Jun 2018 12:50

Instrument :
 MSVOA_N
 ClientSampleId :
 MW11

Tot Ion	Ratio	Lower	Upper
114	100		
63	22.5	0.0	44.4
88	16.0	0.0	31.4

Manual Integrations
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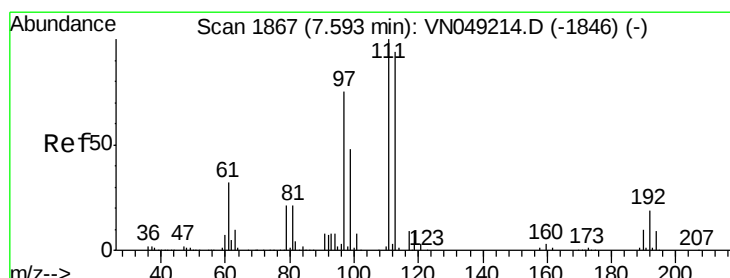
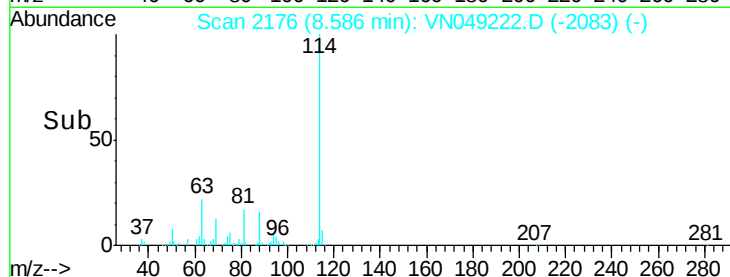
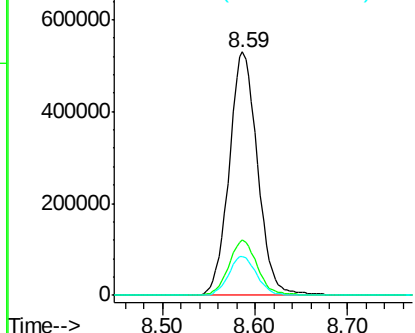
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Abundance Ion 113.90 (113.60 to 114.60): V

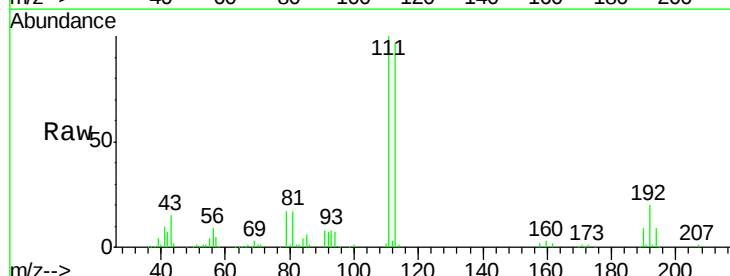
Ion 63.00 (62.70 to 63.70): V

Ion 87.90 (87.60 to 88.60): V



#35
 Dibromofluoromethane
 Concen: 37.668 ug/l
 RT: 7.59 min Scan# 1867
 Delta R.T. 0.00 min
 Lab File: VN049222.D
 Acq: 14 Jun 2018 12:50

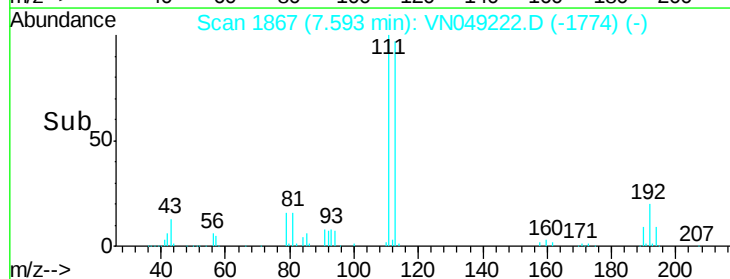
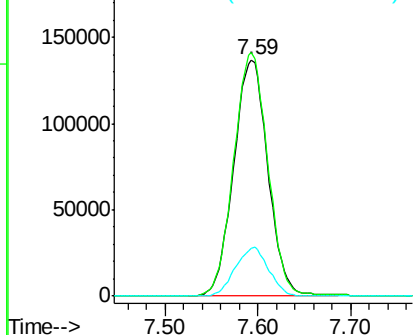
Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.6	82.4	123.6
192	20.0	15.0	22.6

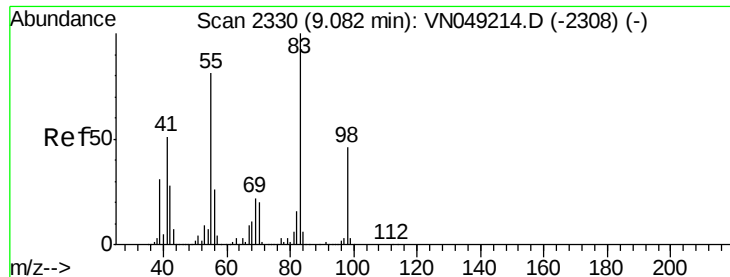


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





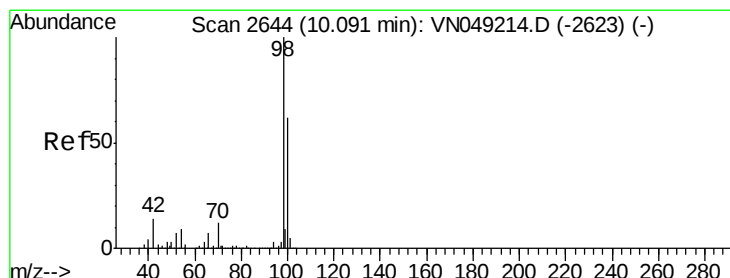
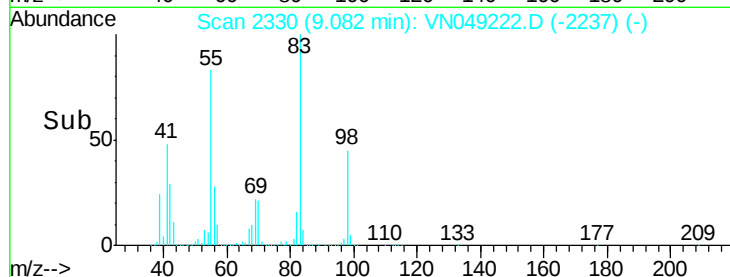
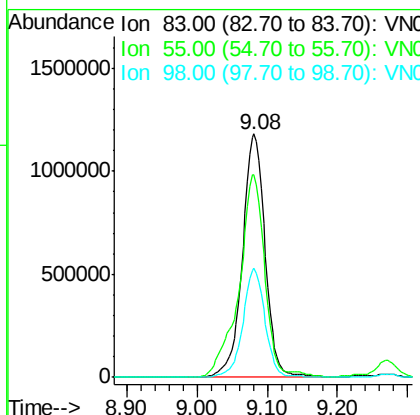
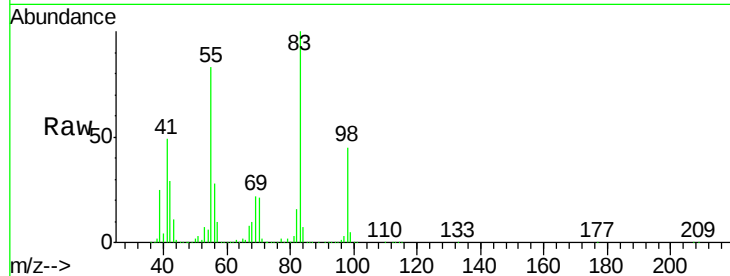
#39
Methvlcvclohexane
Concen: 181.691 ug/l
RT: 9.08 min Scan# 2330
Delta R.T. 0.00 min
Lab File: VN049222.D
Acq: 14 Jun 2018 12:50

Instrument :
MSVOA_N
ClientSampleId :
MW11

Tot Ion: 83 Resp: 2638769
Ion Ratio Lower Upper
83 100
55 83.1 65.1 97.7
98 44.6 36.5 54.7

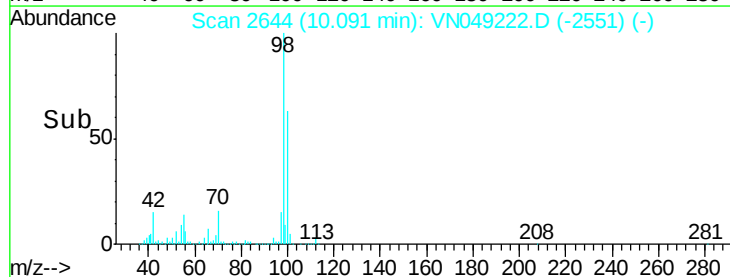
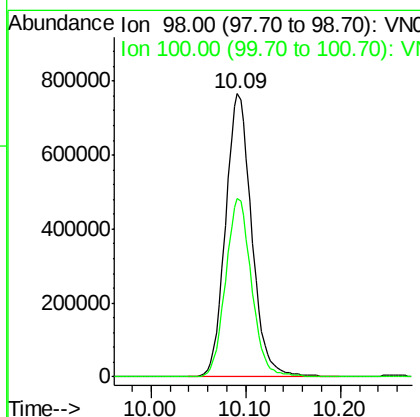
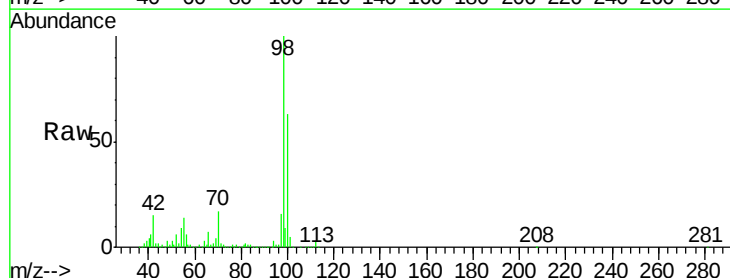
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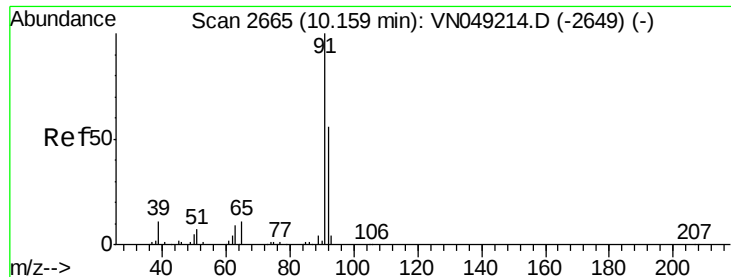
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#50
Toluene-d8
Concen: 40.587 ug/l
RT: 10.09 min Scan# 2644
Delta R.T. 0.00 min
Lab File: VN049222.D
Acq: 14 Jun 2018 12:50

Tgt Ion: 98 Resp: 1470563
Ion Ratio Lower Upper
98 100
100 62.6 49.8 74.8





#52

Toluene

Concen: 3.222 ug/l

RT: 10.16 min Scan# 2664

Delta R.T. -0.00 min

Lab File: VN049222.D

Acq: 14 Jun 2018 12:50

Instrument :

MSVOA_N

ClientSampleId :

MW11

Tot Ion: 92 Resp: 79842

Ion Ratio Lower Upper

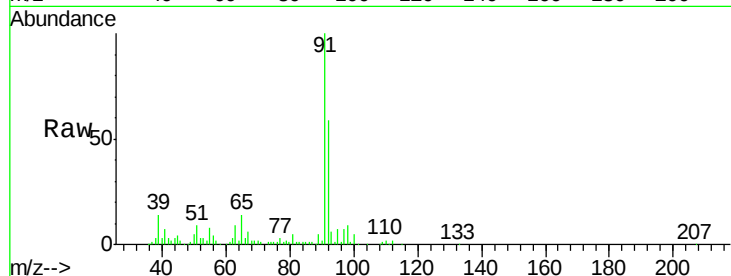
92 100

91 162.0 143.4 215.2

Manual Integrations
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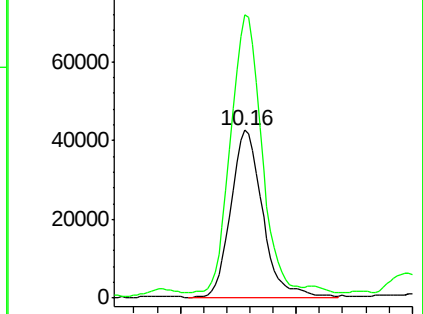
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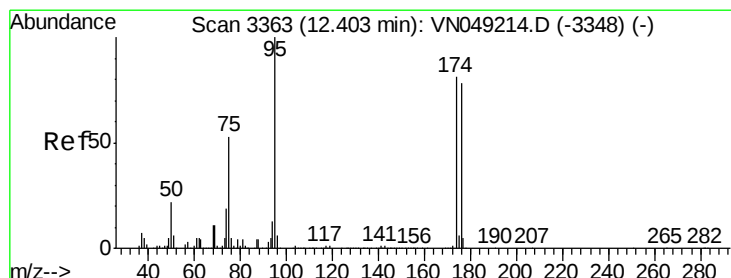
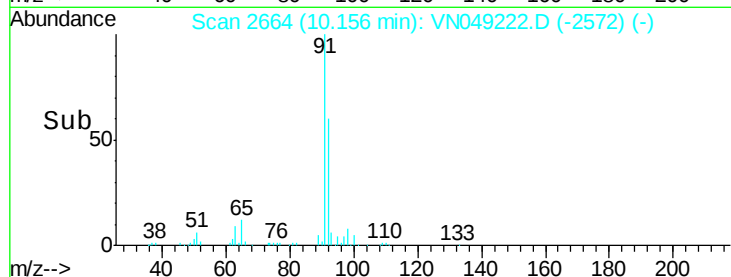


Abundance Ion 92.00 (91.70 to 92.70): VN049222.D (-2572) (-)

Ion 91.00 (90.70 to 91.70): VN049222.D (-2572) (-)



Time-->



#62

4-Bromofluorobenzene

Concen: 50.838 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.00 min

Lab File: VN049222.D

Acq: 14 Jun 2018 12:50

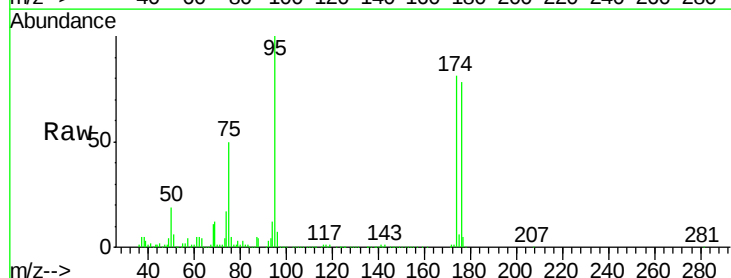
Tgt Ion: 95 Resp: 611337

Ion Ratio Lower Upper

95 100

174 81.4 0.0 165.6

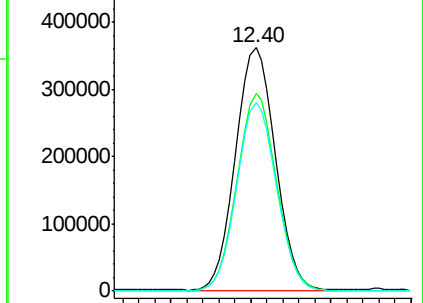
176 78.1 0.0 157.4



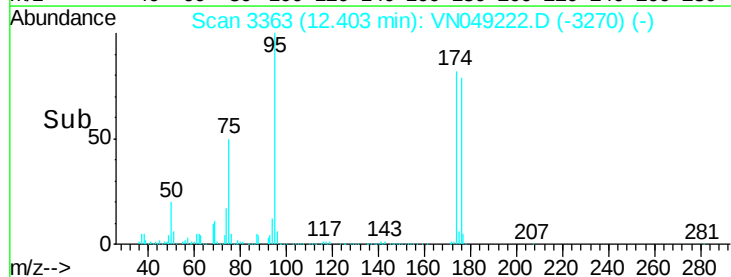
Abundance Ion 94.90 (94.60 to 95.60): VN049222.D (-3270) (-)

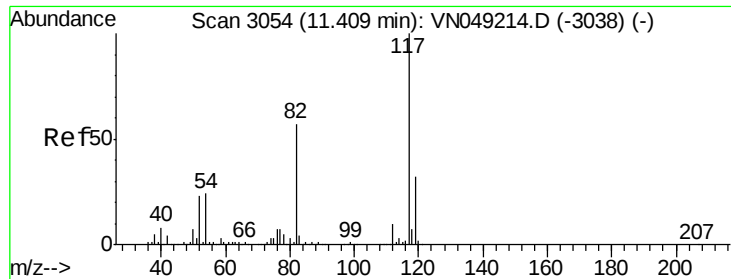
Ion 173.80 (173.50 to 174.50): VN049222.D (-3270) (-)

Ion 175.80 (175.50 to 176.50): VN049222.D (-3270) (-)



Time-->





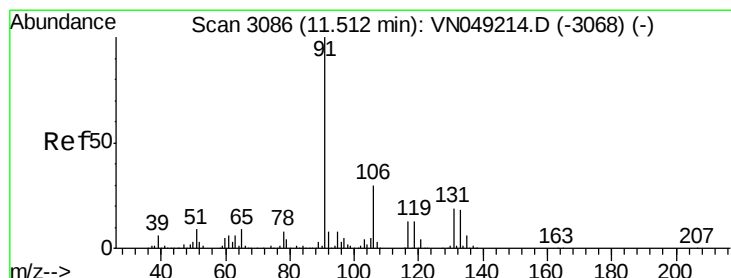
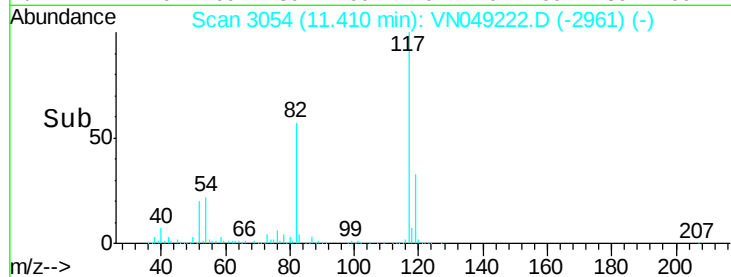
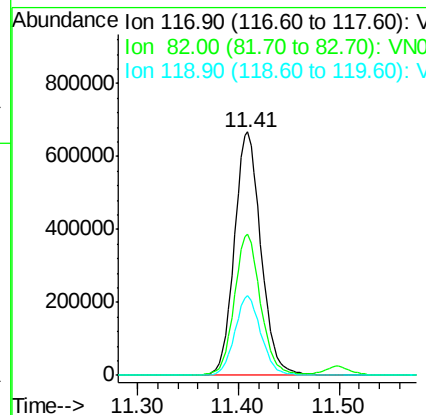
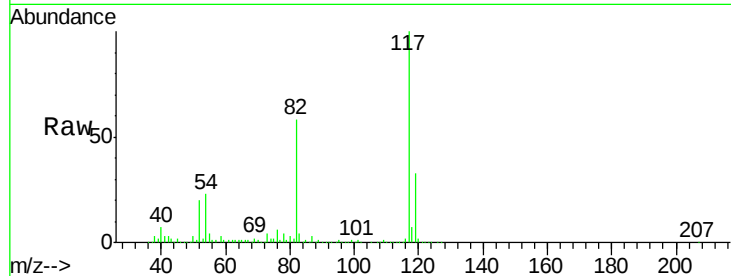
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 3054
Delta R.T. 0.00 min
Lab File: VN049222.D
Acq: 14 Jun 2018 12:50

Instrument :
MSVOA_N
ClientSampled :
MW11

Tot Ion:117 Resp: 1222789
Ion Ratio Lower Upper
117 100
82 57.4 45.9 68.9
119 32.6 25.5 38.3

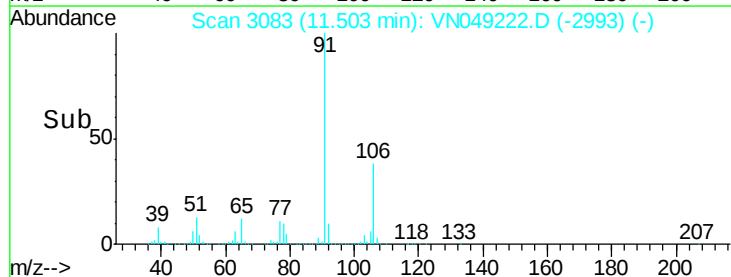
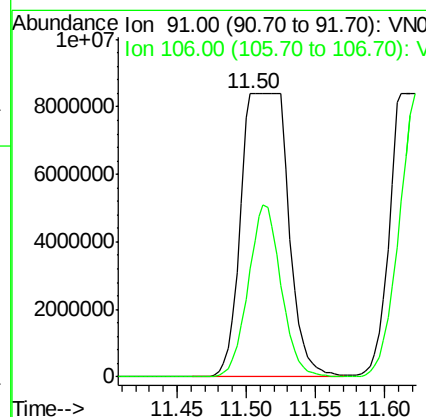
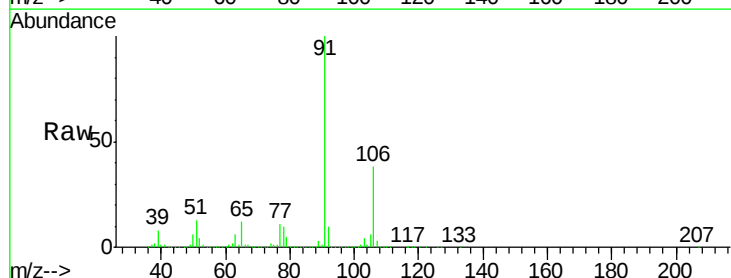
Manual Integrations
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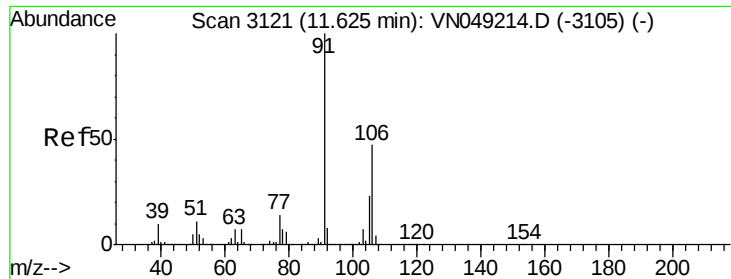
apatel
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#67
Ethyl Benzene
Concen: 366.672 ug/l m
RT: 11.50 min Scan# 3083
Delta R.T. -0.01 min
Lab File: VN049222.D
Acq: 14 Jun 2018 12:50

Tgt Ion: 91 Resp:19954057
Ion Ratio Lower Upper
91 100
106 38.0 23.9 35.9#





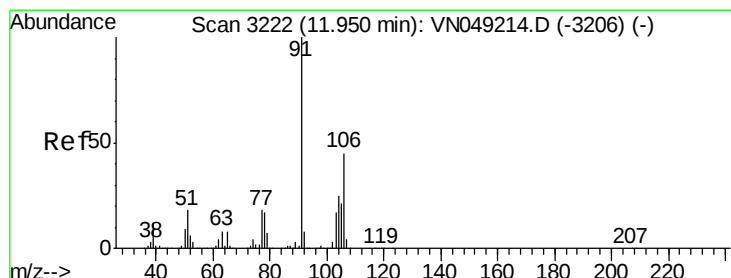
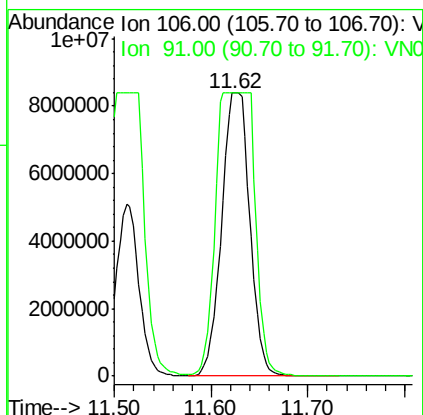
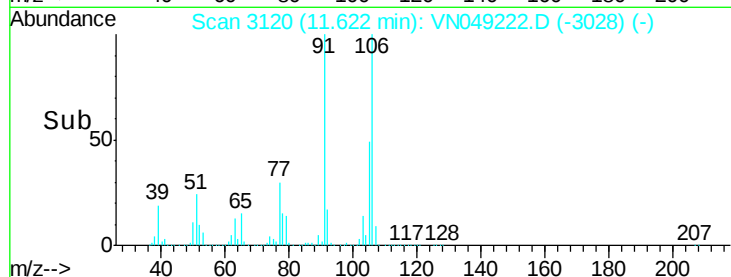
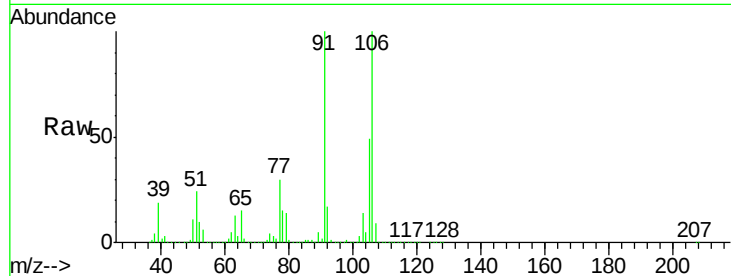
#68
m/p-Xylenes
Concen: 850.556 ug/l
RT: 11.62 min Scan# 3120
Delta R.T. -0.00 min
Lab File: VN049222.D
Acq: 14 Jun 2018 12:50

Instrument :
MSVOA_N
ClientSampleId :
MW11

Tot Ion:106 Resp:16926380
Ion Ratio Lower Upper
106 100
91 0.0 167.3 250.9#

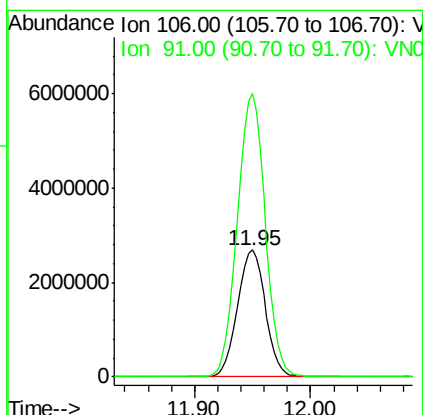
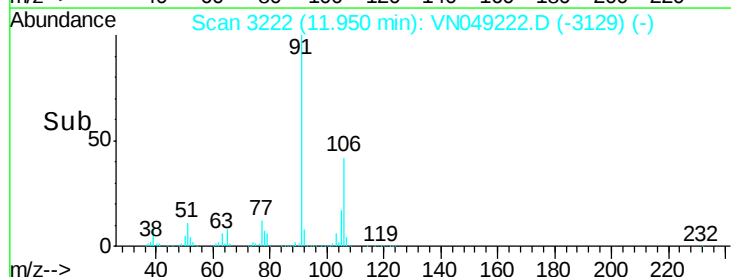
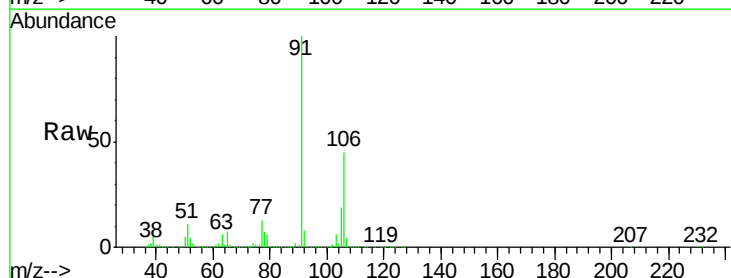
Manual Integrations
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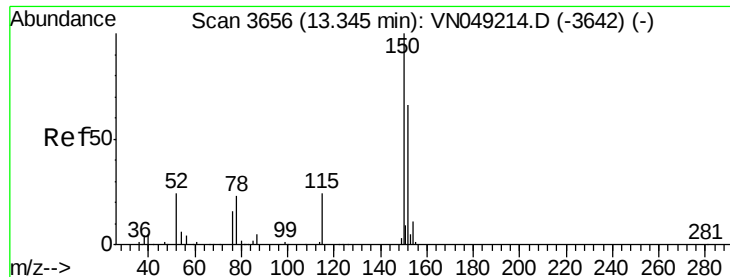
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#69
o-Xylene
Concen: 233.115 ug/l
RT: 11.95 min Scan# 3222
Delta R.T. 0.00 min
Lab File: VN049222.D
Acq: 14 Jun 2018 12:50

Tgt Ion:106 Resp: 4467662
Ion Ratio Lower Upper
106 100
91 223.0 111.0 333.0





#72

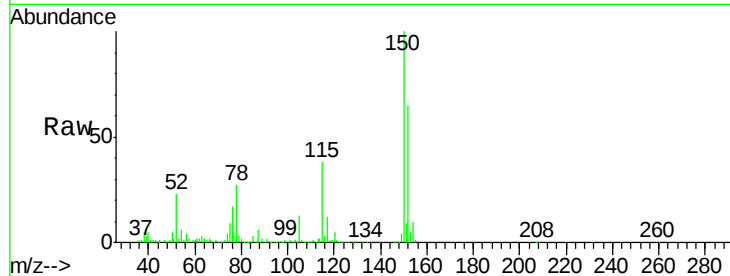
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3656
Delta R.T. 0.00 min
Lab File: VN049222.D
Acq: 14 Jun 2018 12:50

Instrument :
MSVOA_N
ClientSampled :
MW11

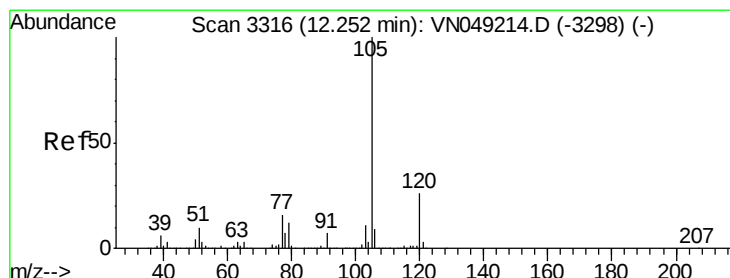
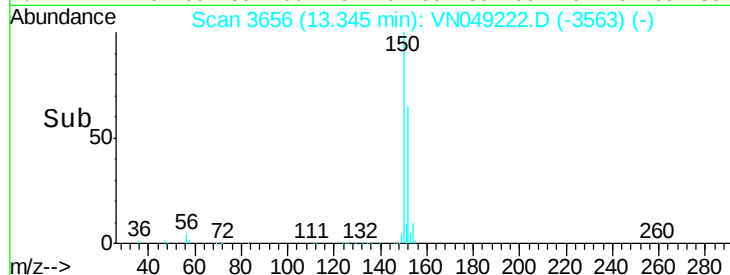
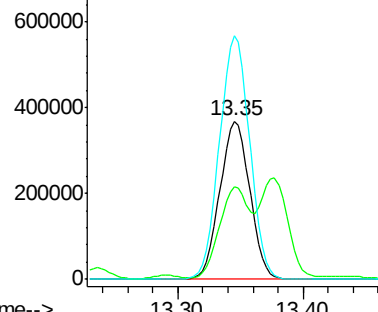
Tot Ion	Ratio	Lower	Upper
152	100		
115	59.6	28.7	86.1
150	155.5	0.0	351.0

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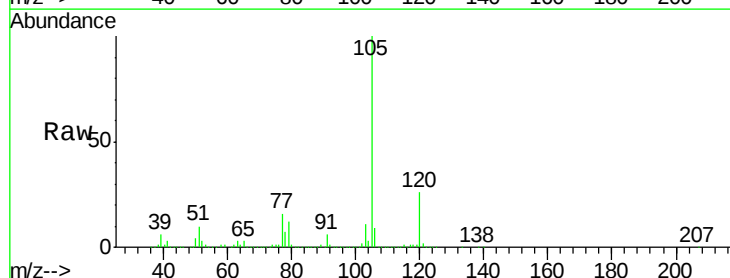
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



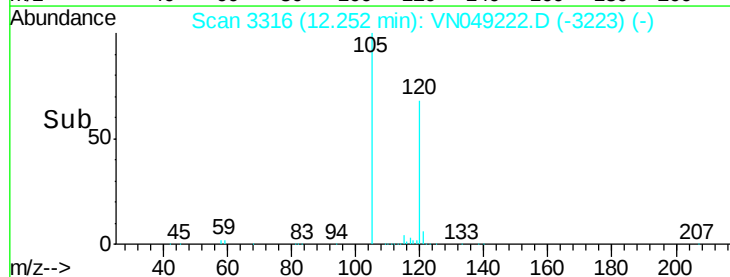
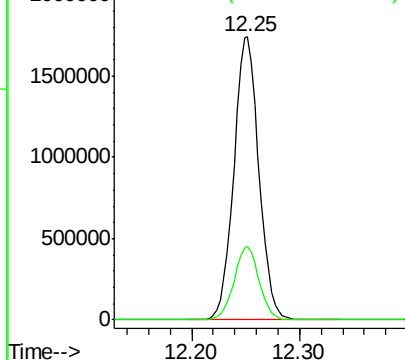
#73

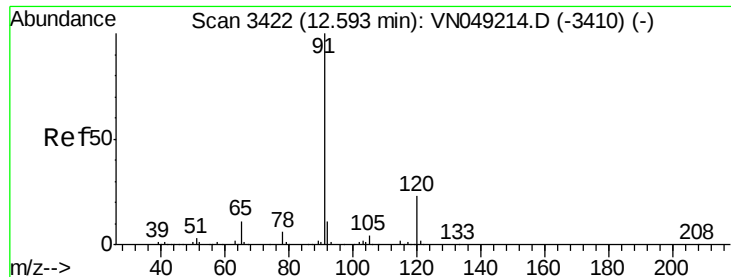
Isopropylbenzene
Concen: 47.826 ug/l
RT: 12.25 min Scan# 3316
Delta R.T. 0.00 min
Lab File: VN049222.D
Acq: 14 Jun 2018 12:50

Tgt Ion	Ratio	Lower	Upper
105	100		
120	26.0	12.8	38.3



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V





#78

n-propylbenzene

Concen: 132.900 ug/l

RT: 12.59 min Scan# 3422

Delta R.T. 0.00 min

Lab File: VN049222.D

Acq: 14 Jun 2018 12:50

Instrument :

MSVOA_N

ClientSampled :

MW11

Tot Ion: 91 Resp: 8666275

Ion Ratio Lower Upper

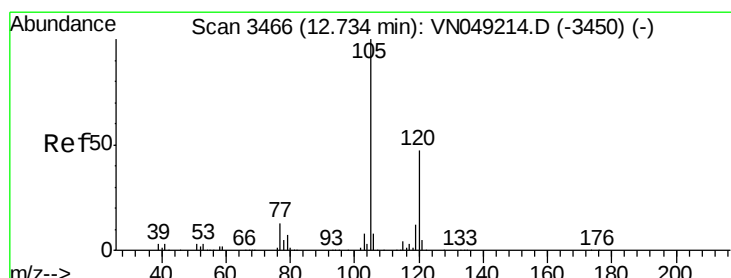
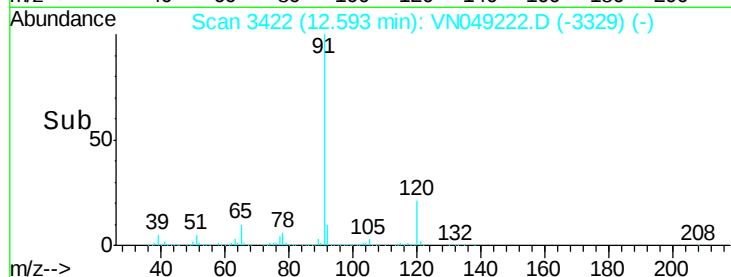
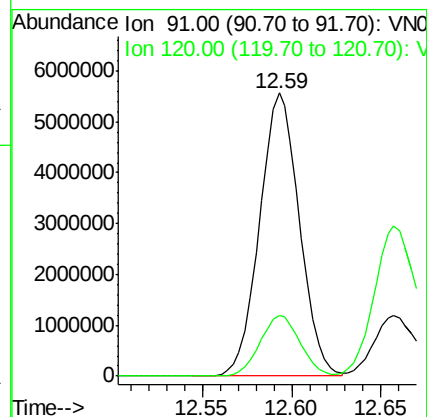
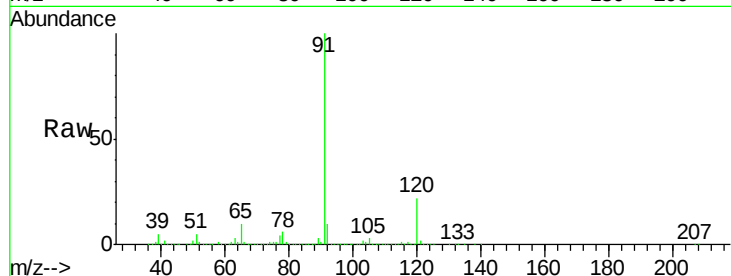
91 100

120 21.6 11.2 33.5

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#80

1,3,5-Trimethylbenzene

Concen: 187.312 ug/l

RT: 12.73 min Scan# 3466

Delta R.T. 0.00 min

Lab File: VN049222.D

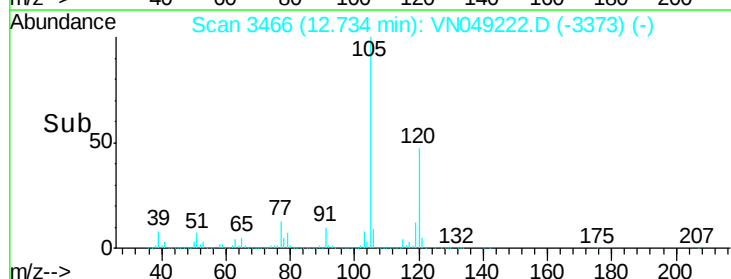
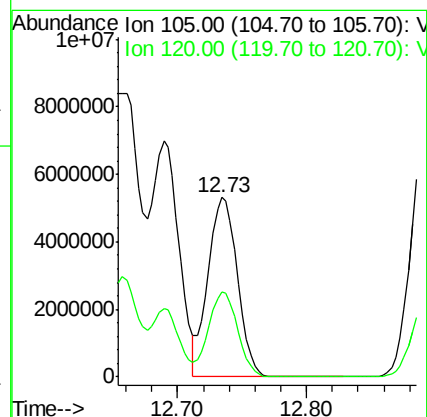
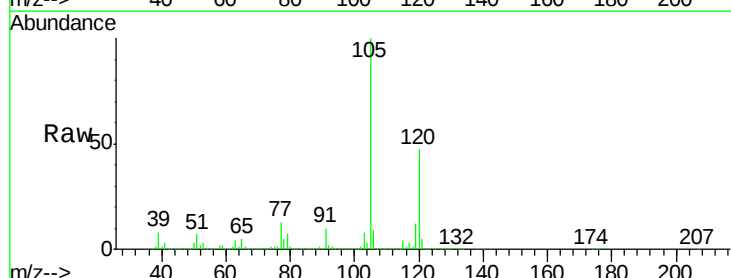
Acq: 14 Jun 2018 12:50

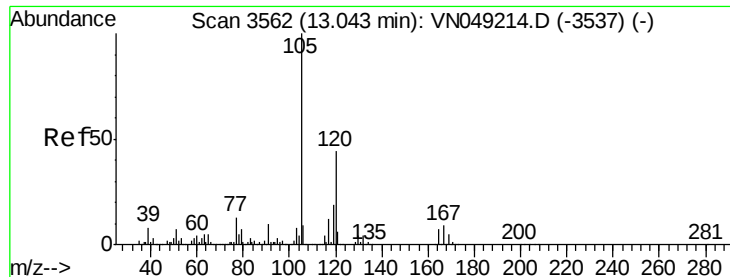
Tgt Ion: 105 Resp: 8430475

Ion Ratio Lower Upper

105 100

120 47.0 23.5 70.5





#84

1,2,4-Trimethylbenzene

Concen: 471.271 ug/l m

RT: 13.03 min Scan# 3558

Delta R.T. -0.01 min

Lab File: VN049222.D

Acq: 14 Jun 2018 12:50

Instrument :

MSVOA_N

ClientSampleId :

MW11

Tot Ion:105 Resp:21082508

Ion Ratio Lower Upper

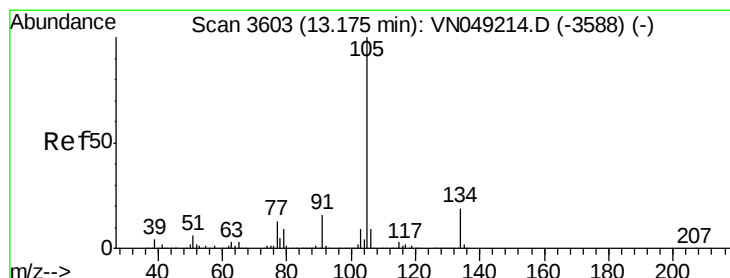
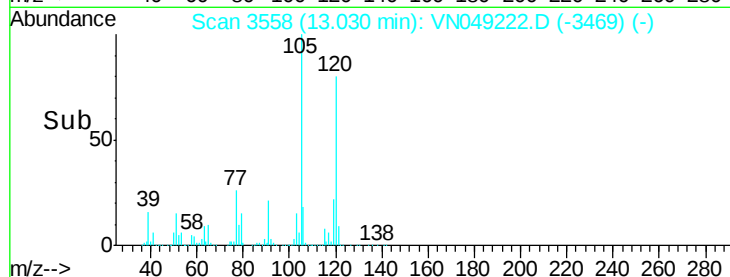
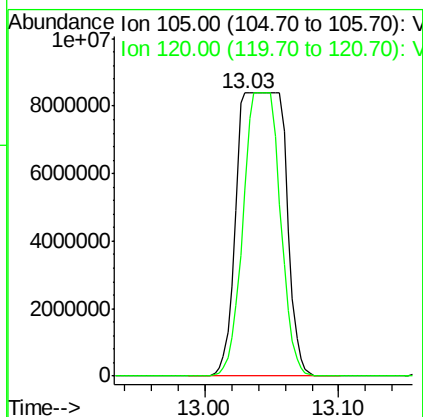
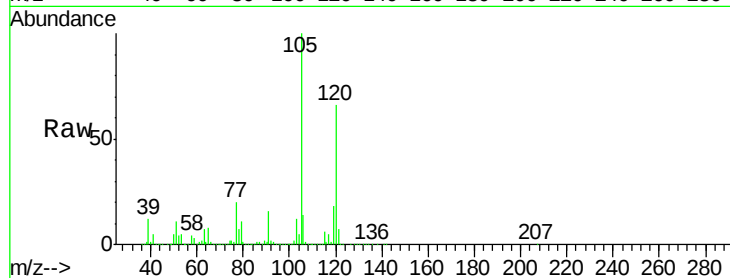
105 100

120 17.0 22.2 66.6#

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#85

sec-Butylbenzene

Concen: 6.417 ug/l

RT: 13.17 min Scan# 3603

Delta R.T. 0.00 min

Lab File: VN049222.D

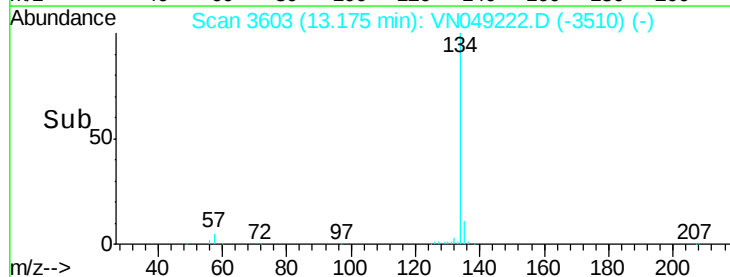
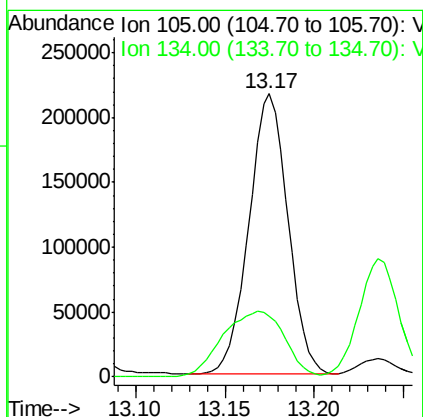
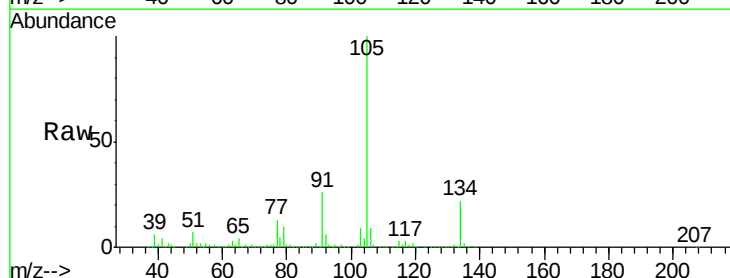
Acq: 14 Jun 2018 12:50

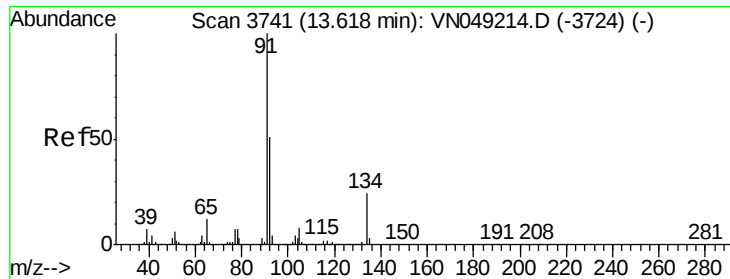
Tgt Ion:105 Resp: 331701

Ion Ratio Lower Upper

105 100

134 36.9 9.8 29.3#





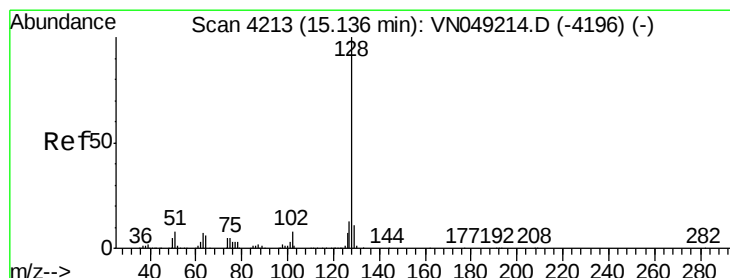
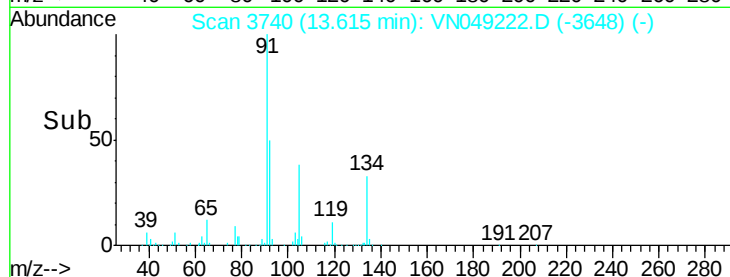
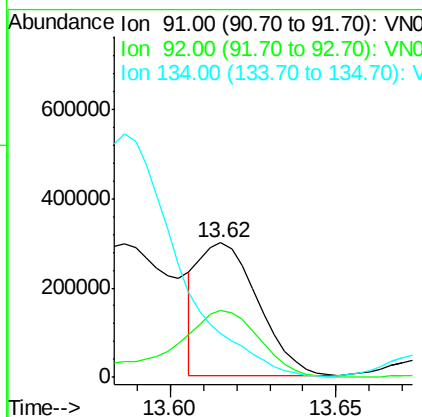
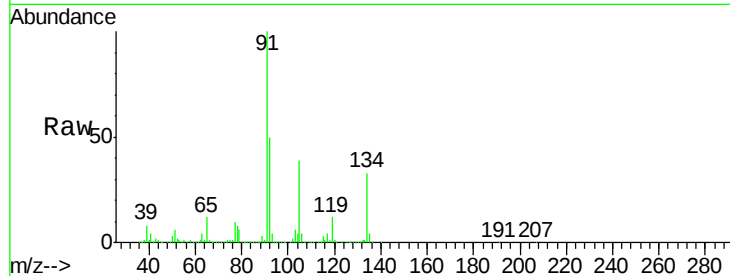
#89
n-Butylbenzene
Concen: 11.223 ug/l
RT: 13.62 min Scan# 3740
Delta R.T. -0.00 min
Lab File: VN049222.D
Acq: 14 Jun 2018 12:50

Instrument :
MSVOA_N
ClientSampled :
MW11

Tot Ion	Ratio	Lower	Upper
91	100		
92	76.9	25.1	75.4#
134	0.0	12.0	36.0#

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#95
Naphthalene
Concen: 296.888 ug/l
RT: 15.14 min Scan# 4213
Delta R.T. 0.00 min
Lab File: VN049222.D
Acq: 14 Jun 2018 12:50

Tgt Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.6	16.0
129	10.8	8.5	12.7

