

Data File : VN049319.D
Acq On : 16 Jun 2018 19:29
Operator : MD\SY
Sample : J3564-05
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
W-02

Manual Integrations
APPROVED

MMDadoda
6/18/2018 3:16:27 PM

Quant Time: Jul 01 23:07:36 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	1579076	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	2493438	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	2137257	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	894178	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	1032167	49.28	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.56%	
35) Dibromofluoromethane	7.59	113	922878	45.75	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.50%	
50) Toluene-d8	10.09	98	3477896	45.28	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.56%	
62) 4-Bromofluorobenzene	12.40	95	1061386	41.79	ug/l	0.00
Spiked Amount 50.000			Recovery	=	83.58%	
Target Compounds						
39) Methylcyclohexane	9.08	83	34469	1.124	ug/l	93
73) Isopropylbenzene	12.25	105	207499	2.643	ug/l	99
78) n-propylbenzene	12.59	91	359018	4.165	ug/l	99
83) tert-Butylbenzene	12.99	119	51749	0.947	ug/l	98
85) sec-Butylbenzene	13.17	105	315339m	4.334	ug/l	
89) n-Butylbenzene	13.62	91	86780m	1.828	ug/l	

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

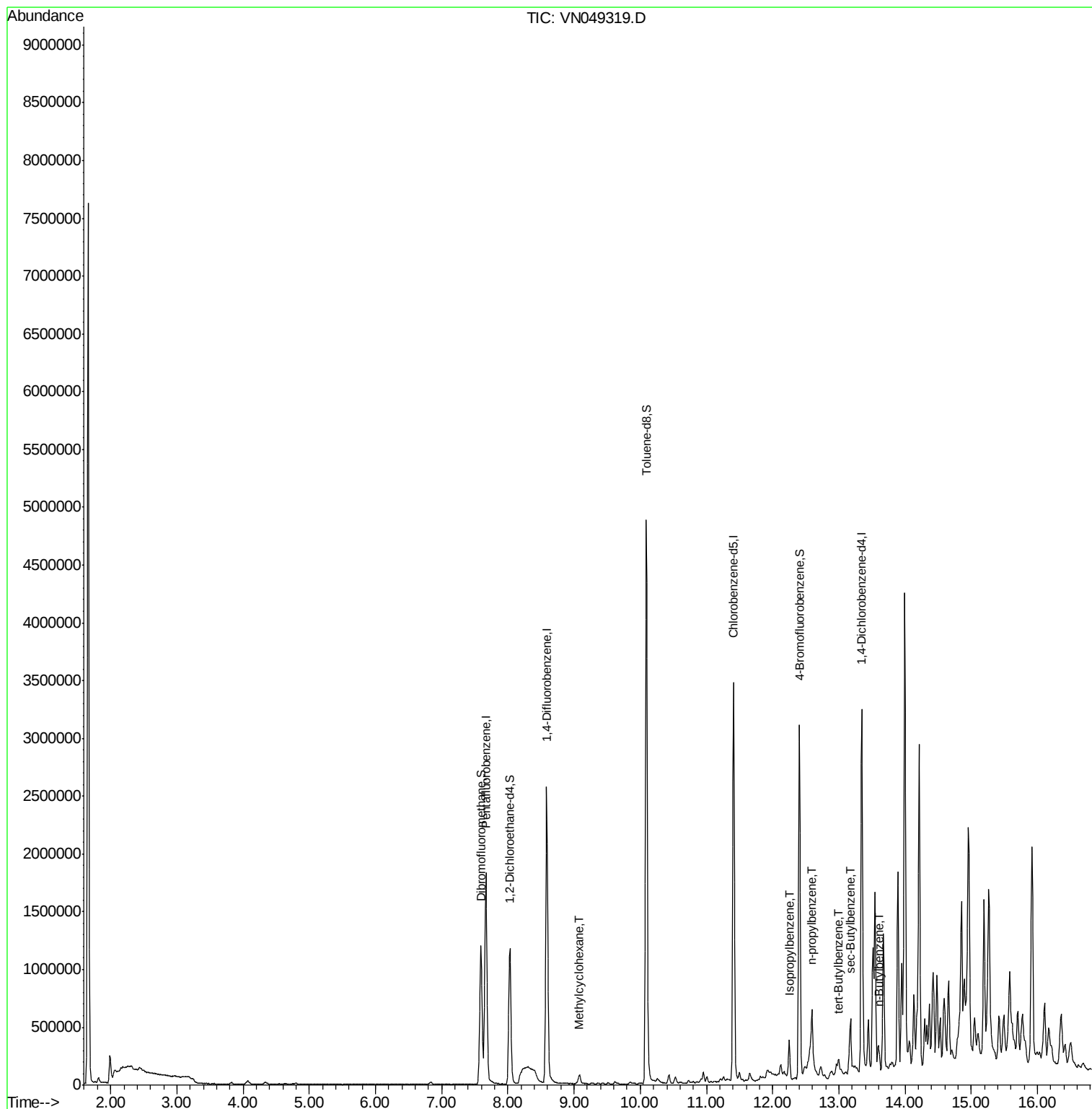
Data File : VN049319.D
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Operator : MD\SY
Sample : J3564-05
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 12 Sample Multiplier: 1

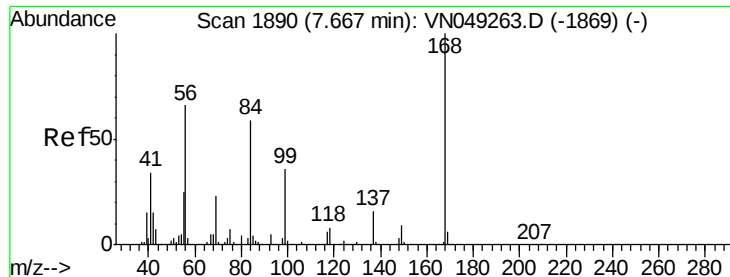
Instrument :
MSVOA_N
ClientSampleId :
W-02

Manual Integrations
APPROVED

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Quant Time: Jul 01 23:07:36 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: 50.000 ug/l

RT: 7.67 min Scan# 1890

Delta R.T. 0.00 min

Lab File: VN049319.D

Acq: 16 Jun 2018 19:29

Instrument :

MSVOA_N

ClientSampleId :

W-02

Tgt Ion:168 Resp: 1579076

Ion Ratio Lower Upper

168 100

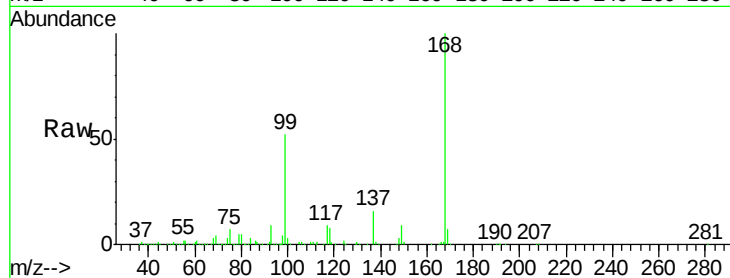
99 51.6 45.8 68.6

Manual Integrations

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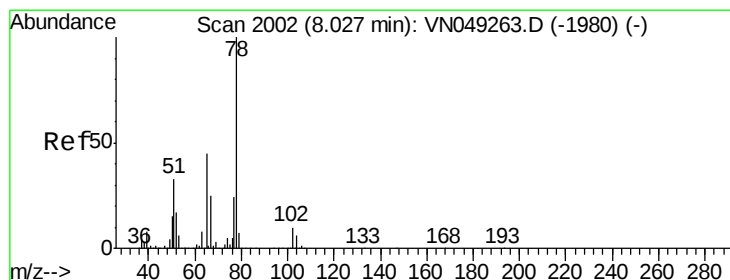
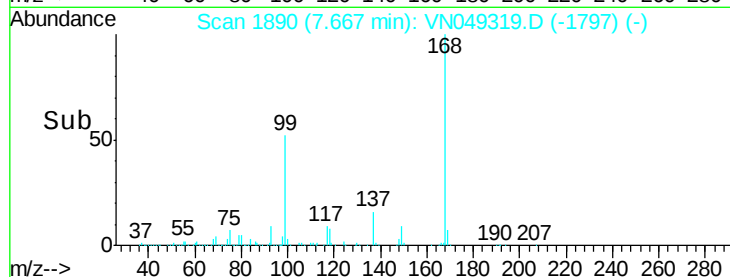
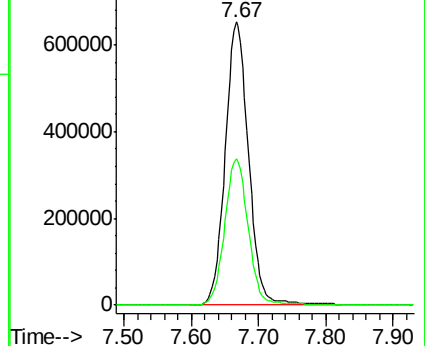
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0



#33

1,2-Dichloroethane-d4

Concen: 49.283 ug/l

RT: 8.03 min Scan# 2003

Delta R.T. 0.00 min

Lab File: VN049319.D

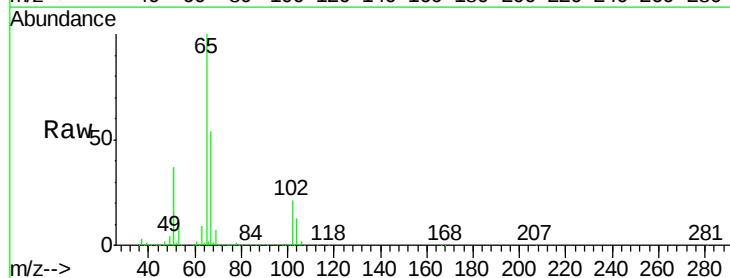
Acq: 16 Jun 2018 19:29

Tgt Ion: 65 Resp: 1032167

Ion Ratio Lower Upper

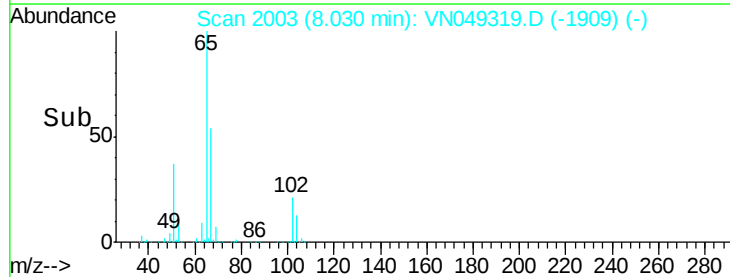
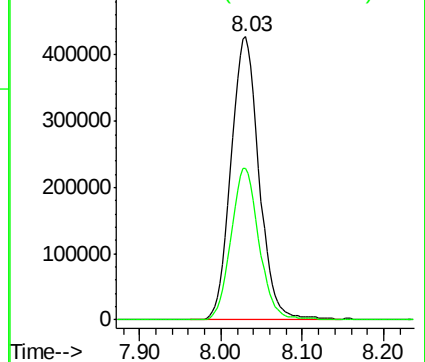
65 100

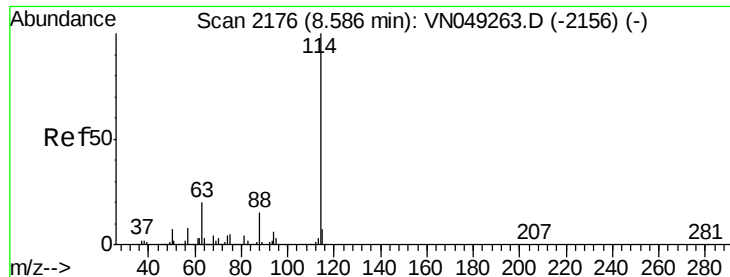
67 53.4 0.0 103.8



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0





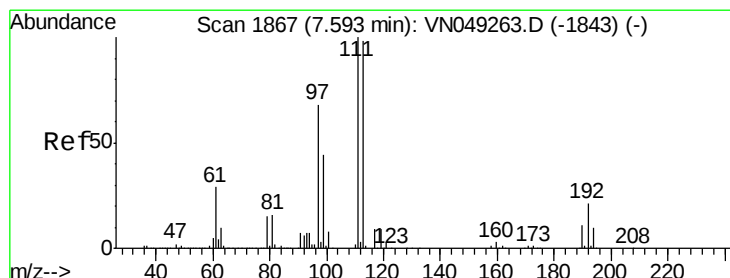
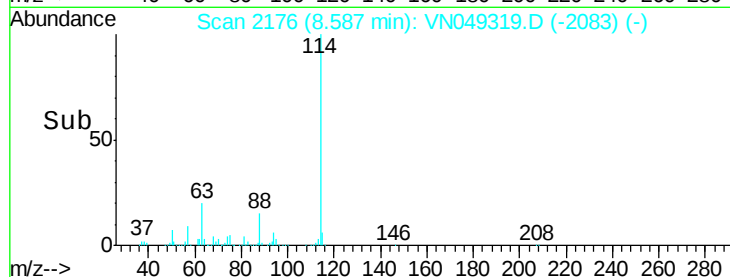
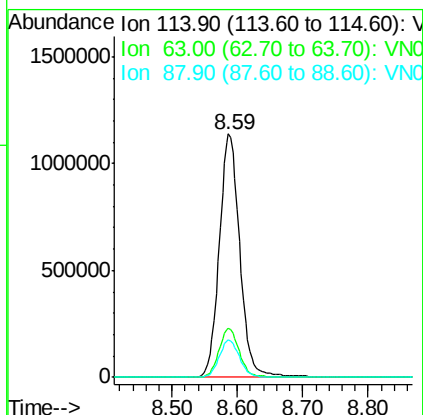
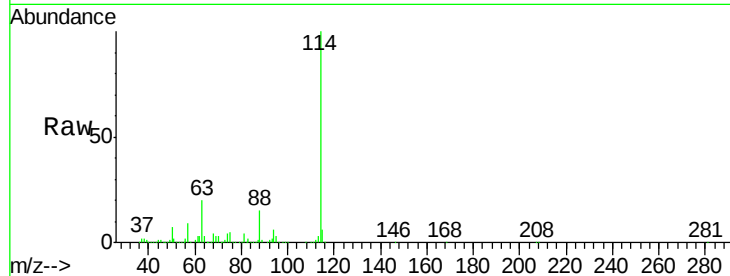
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2176
 Delta R.T. 0.00 min
 Lab File: VN049319.D
 Acq: 16 Jun 2018 19:29

Instrument :
 MSVOA_N
 ClientSampleId :
 W-02

Tgt Ion	Ratio	Lower	Upper
114	100		
63	19.9	0.0	44.4
88	15.2	0.0	31.4

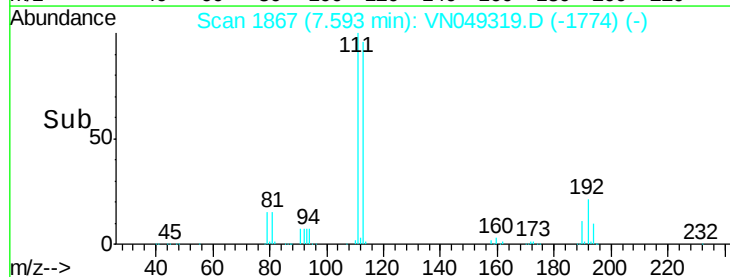
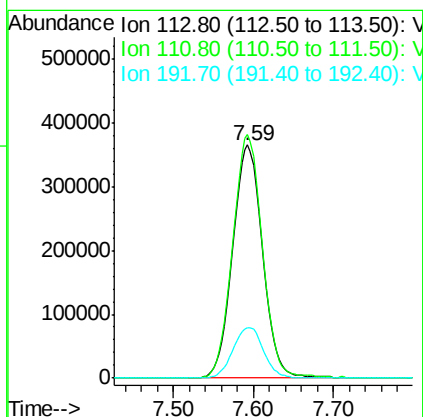
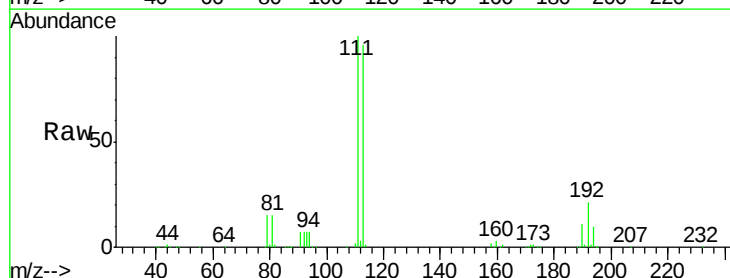
Manual Integrations
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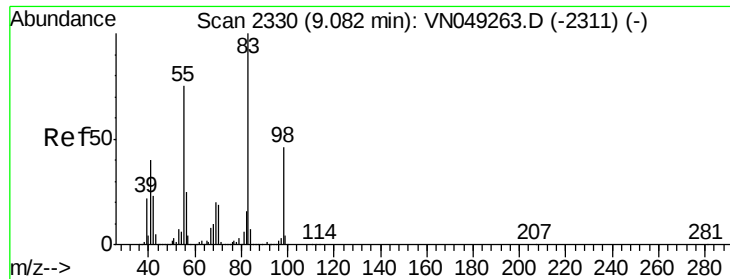
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#35
 Dibromofluoromethane
 Concen: 45.748 ug/l
 RT: 7.59 min Scan# 1867
 Delta R.T. 0.00 min
 Lab File: VN049319.D
 Acq: 16 Jun 2018 19:29

Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.6	82.4	123.6
192	22.2	15.0	22.6





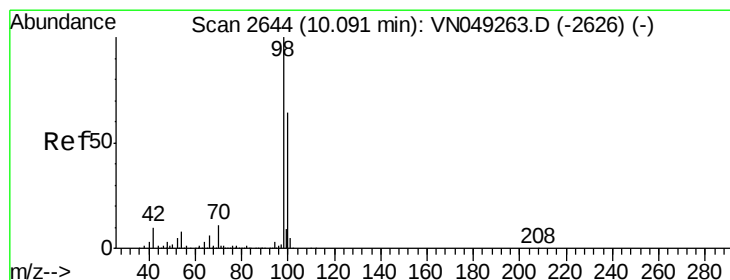
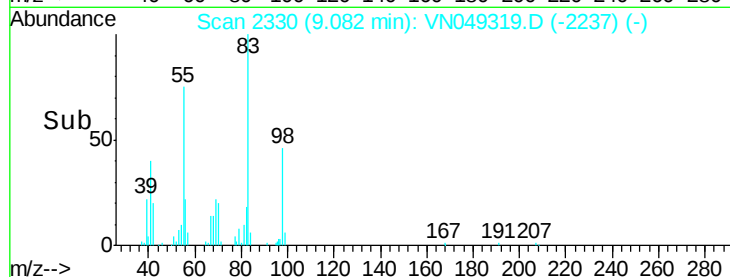
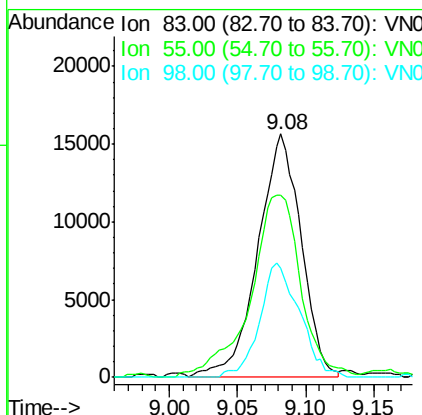
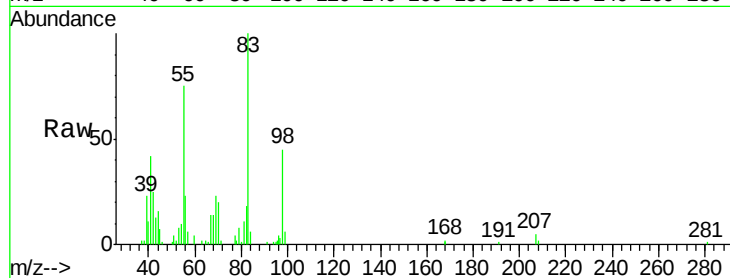
#39
Methylcyclohexane
Concen: 1.124 ug/l
RT: 9.08 min Scan# 2330
Delta R.T. 0.00 min
Lab File: VN049319.D
Acq: 16 Jun 2018 19:29

Instrument :
MSVOA_N
ClientSampleId :
W-02

Tgt Ion	Ratio	Lower	Upper
83	100		
55	72.6	65.1	97.7
98	44.6	36.5	54.7

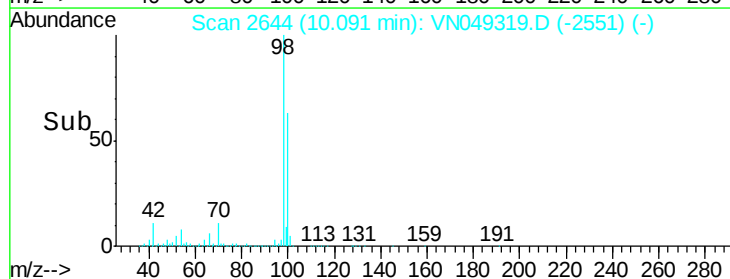
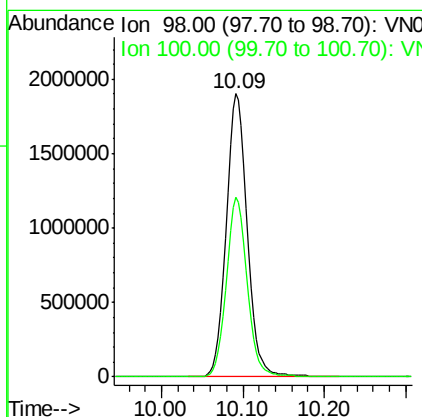
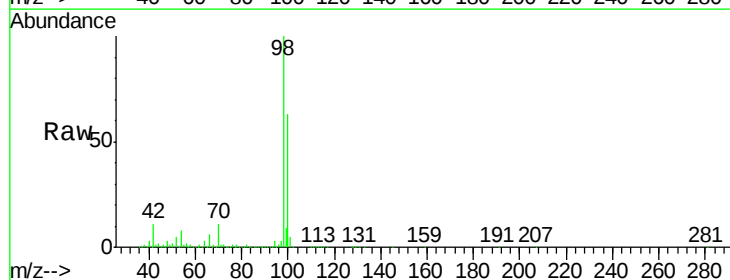
Manual Integrations
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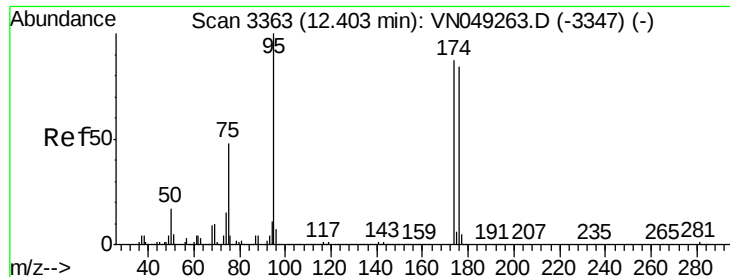
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#50
Toluene-d8
Concen: 45.278 ug/l
RT: 10.09 min Scan# 2644
Delta R.T. 0.00 min
Lab File: VN049319.D
Acq: 16 Jun 2018 19:29

Tgt Ion	Ratio	Lower	Upper
98	100		
100	63.2	49.8	74.8





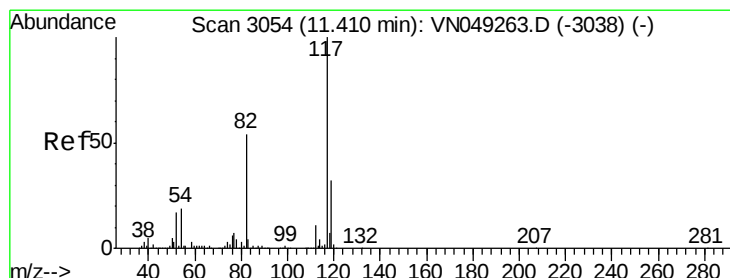
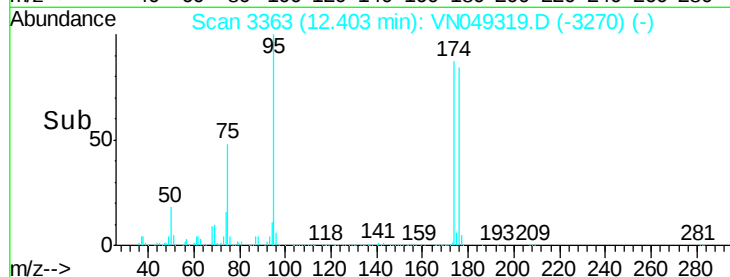
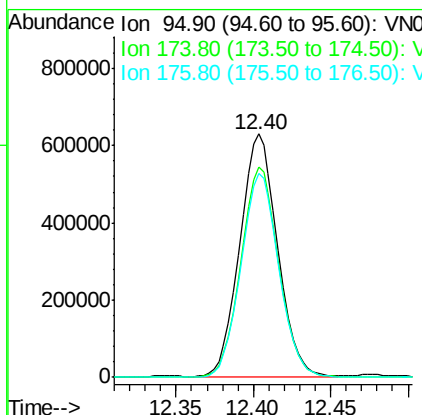
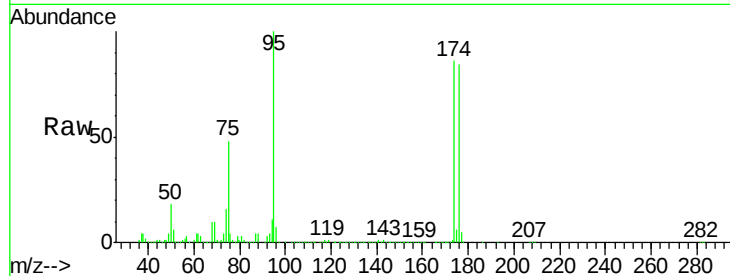
#62
4-Bromofluorobenzene
Concen: 41.790 ug/l
RT: 12.40 min Scan# 3363
Delta R.T. 0.00 min
Lab File: VN049319.D
Acq: 16 Jun 2018 19:29

Instrument :
MSVOA_N
ClientSampled :
W-02

Tgt Ion: 95 Resp: 1061386
Ion Ratio Lower Upper
95 100
174 87.3 0.0 165.6
176 84.9 0.0 157.4

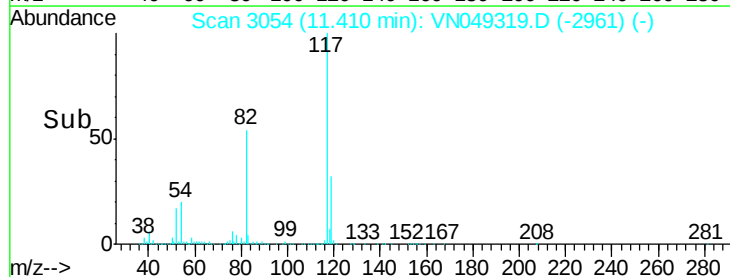
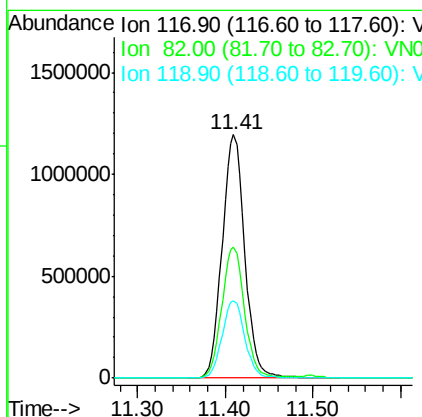
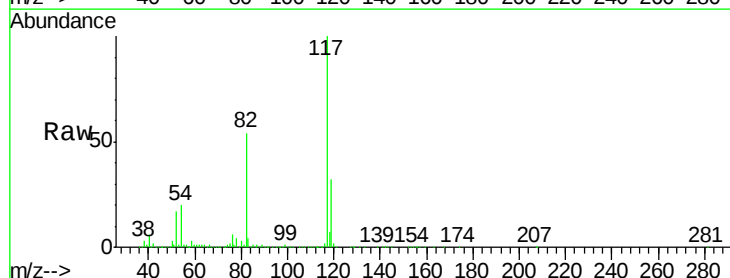
Manual Integrations
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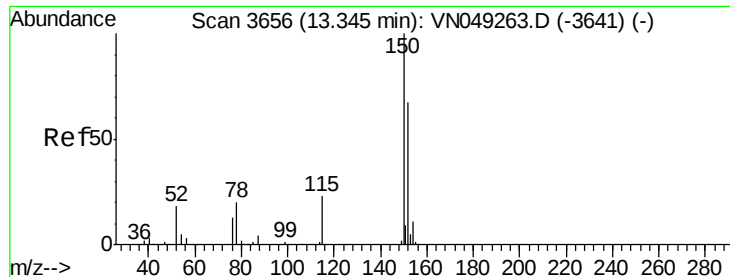
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#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 3054
Delta R.T. 0.00 min
Lab File: VN049319.D
Acq: 16 Jun 2018 19:29

Tgt Ion: 117 Resp: 2137257
Ion Ratio Lower Upper
117 100
82 53.6 45.9 68.9
119 31.9 25.5 38.3





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3656

Delta R.T. 0.00 min

Lab File: VN049319.D

Acq: 16 Jun 2018 19:29

Instrument :

MSVOA_N

ClientSampled :

W-02

Tgt Ion:152 Resp: 894178

Ion Ratio Lower Upper

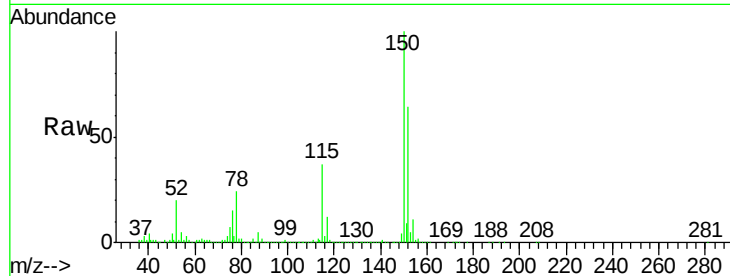
152 100

115 57.4 28.7 86.1

150 154.8 0.0 351.0

Manual Integrations
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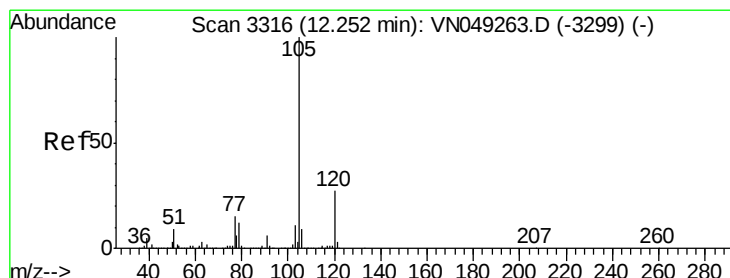
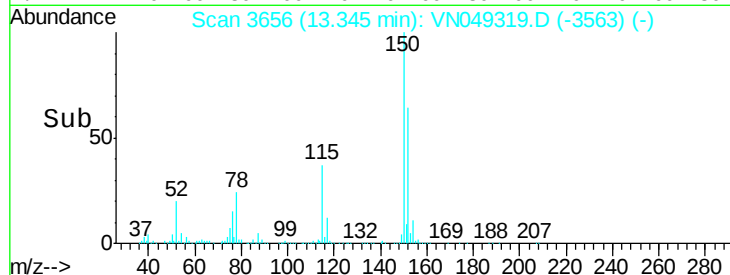
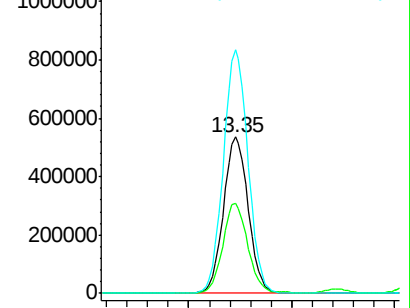
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Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V



#73

Isopropylbenzene

Concen: 2.643 ug/l

RT: 12.25 min Scan# 3316

Delta R.T. 0.00 min

Lab File: VN049319.D

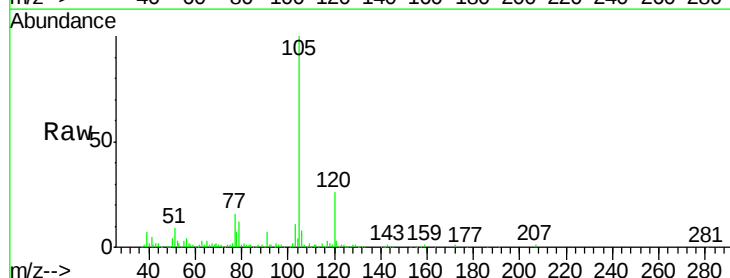
Acq: 16 Jun 2018 19:29

Tgt Ion:105 Resp: 207499

Ion Ratio Lower Upper

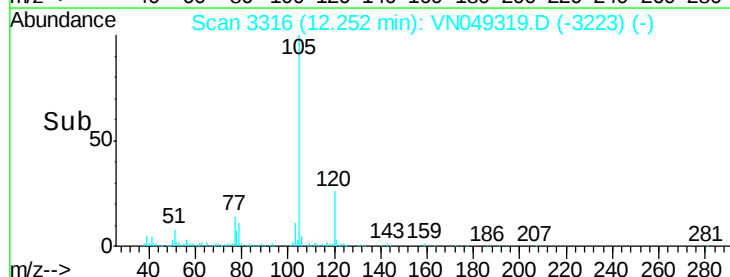
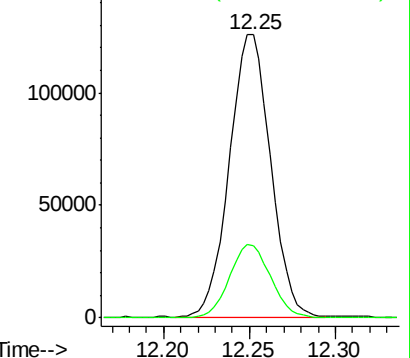
105 100

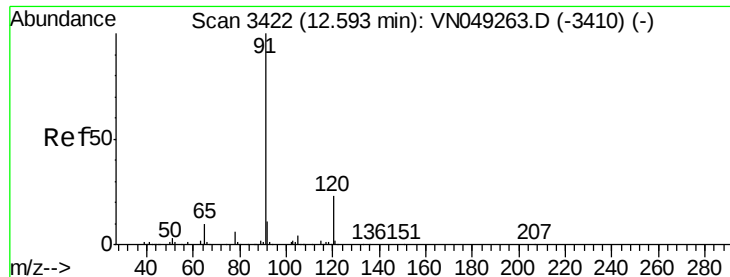
120 26.1 12.8 38.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#78

n-propylbenzene

Concen: 4.165 ug/l

RT: 12.59 min Scan# 3422

Delta R.T. 0.00 min

Lab File: VN049319.D

Acq: 16 Jun 2018 19:29

Instrument :

MSVOA_N

ClientSampled :

W-02

Tgt Ion: 91 Resp: 359018

Ion Ratio Lower Upper

91 100

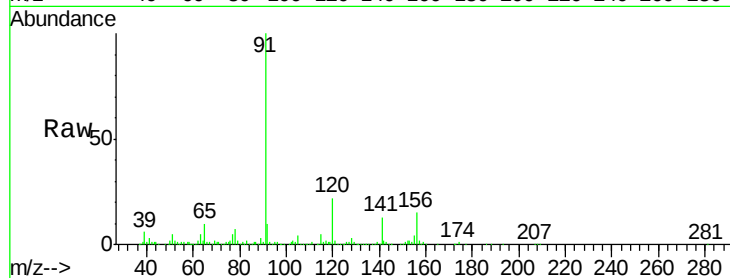
120 22.8 11.2 33.5

Manual Integrations

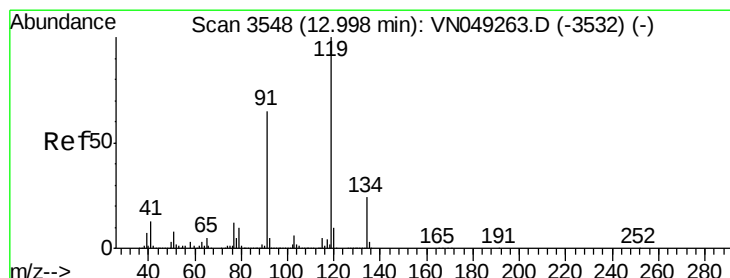
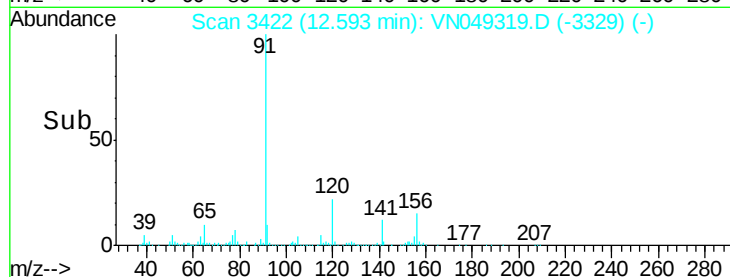
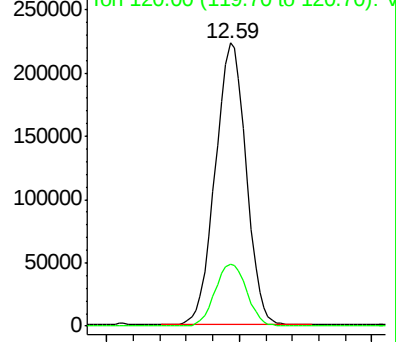
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Abundance Ion 91.00 (90.70 to 91.70): VN049319.D (-3429) (-)



#83

tert-Butylbenzene

Concen: 0.947 ug/l

RT: 12.99 min Scan# 3547

Delta R.T. -0.00 min

Lab File: VN049319.D

Acq: 16 Jun 2018 19:29

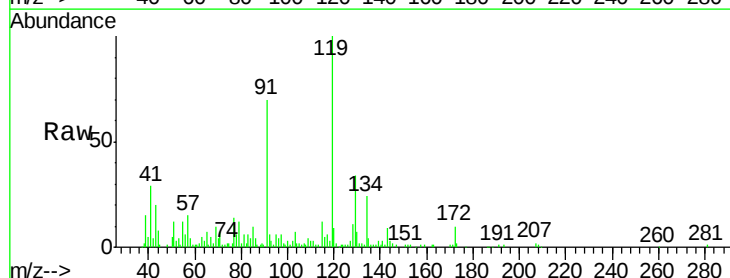
Tgt Ion: 119 Resp: 51749

Ion Ratio Lower Upper

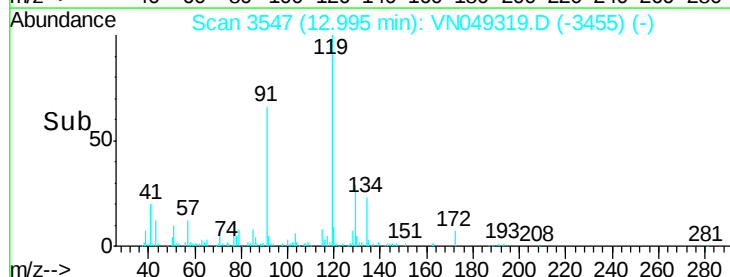
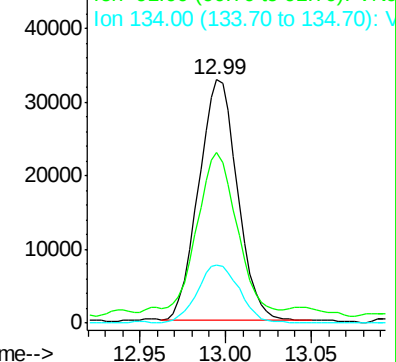
119 100

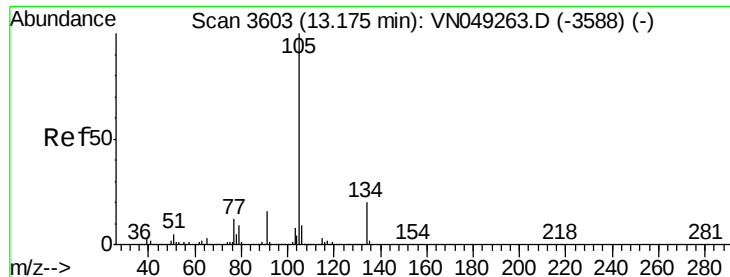
91 69.7 33.7 101.0

134 26.1 12.9 38.6



Abundance Ion 119.00 (118.70 to 119.70): VN049319.D (-3545) (-)





#85

sec-Butylbenzene

Concen: 4.334 ug/l m

RT: 13.17 min Scan# 3603

Delta R.T. 0.00 min

Lab File: VN049319.D

Acq: 16 Jun 2018 19:29

Instrument :

MSVOA_N

ClientSampled :

W-02

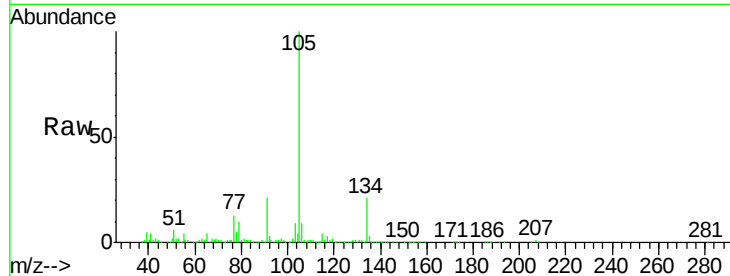
Tgt Ion: 105 Resp: 315339
Ion Ratio Lower Upper

105 100

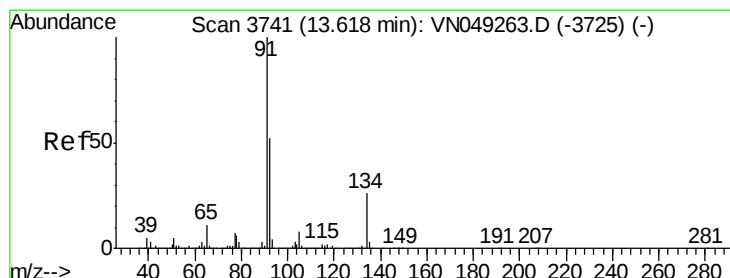
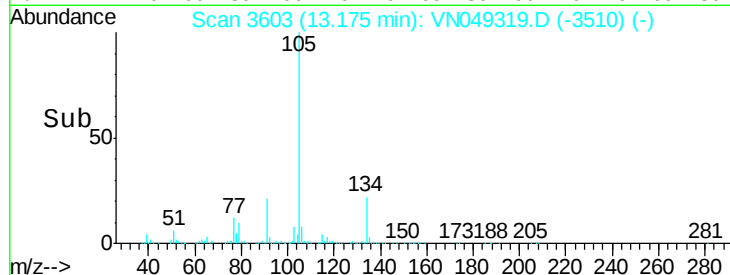
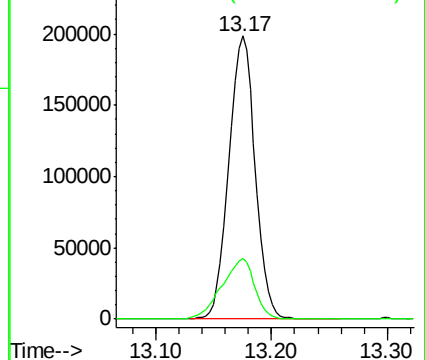
134 0.0 9.8 29.3#

Manual Integrations
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Abundance Ion 105.00 (104.70 to 105.70): V
Ion 134.00 (133.70 to 134.70): V



#89

n-Butylbenzene

Concen: 1.828 ug/l m

RT: 13.62 min Scan# 3740

Delta R.T. -0.00 min

Lab File: VN049319.D

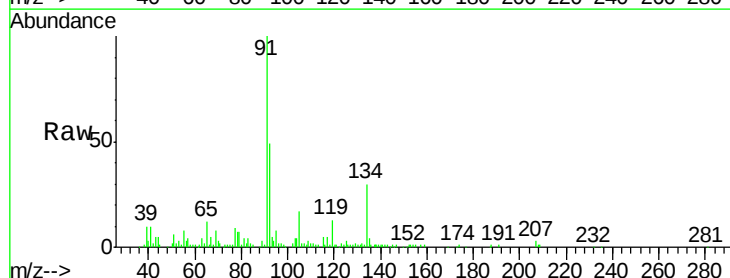
Acq: 16 Jun 2018 19:29

Tgt Ion: 91 Resp: 86780
Ion Ratio Lower Upper

91 100

92 48.1 25.1 75.4

134 64.0 12.0 36.0#



Abundance Ion 91.00 (90.70 to 91.70): V
Ion 92.00 (91.70 to 92.70): V
Ion 134.00 (133.70 to 134.70): V

