

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN070318\
 Data File : VN049696.D
 Acq On : 3 Jul 2018 16:21
 Operator : MD\SY
 Sample : J3811-02DL 20X
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-6DL

Manual Integrations
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sam
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Quant Time: Jul 05 09:22:55 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N062918W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 30 00:55:30 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1407354	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	2241958	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1874920	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	769494	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	931142	50.10	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.20%	
35) Dibromofluoromethane	7.59	113	794550	47.40	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.80%	
50) Toluene-d8	10.09	98	3048590	46.47	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.94%	
62) 4-Bromofluorobenzene	12.41	95	920502	41.10	ug/l	0.00
Spiked Amount 50.000			Recovery	=	82.20%	
Target Compounds						
68) m/p-Xylenes	11.62	106	98825	3.189	ug/l	96
69) o-Xylene	11.95	106	119281	4.021	ug/l	99
73) Isopropylbenzene	12.25	105	75617	1.234	ug/l	99
78) n-propylbenzene	12.59	91	196373	2.795	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	1103084	21.657	ug/l	100
84) 1,2,4-Trimethylbenzene	13.04	105	3255024	62.194	ug/l	100
85) sec-Butylbenzene	13.17	105	92049m	1.588	ug/l	
86) p-Isopropyltoluene	13.29	119	87037	1.733	ug/l	99

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

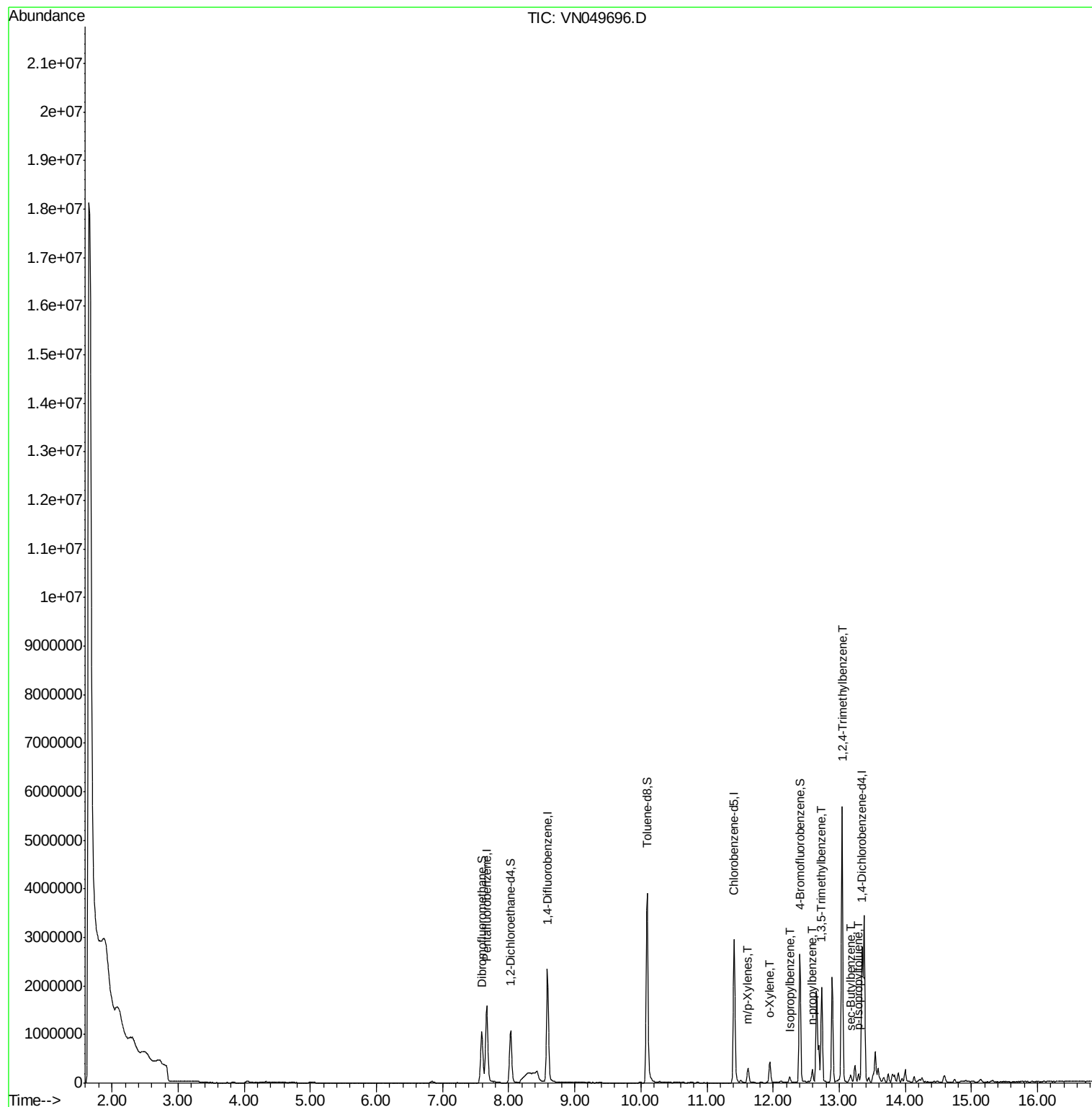
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN070318\
Data File : VN049696.D
Acq On : 3 Jul 2018 16:21
Operator : MD\SY
Sample : J3811-02DL 20X
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 13 Sample Multiplier: 1

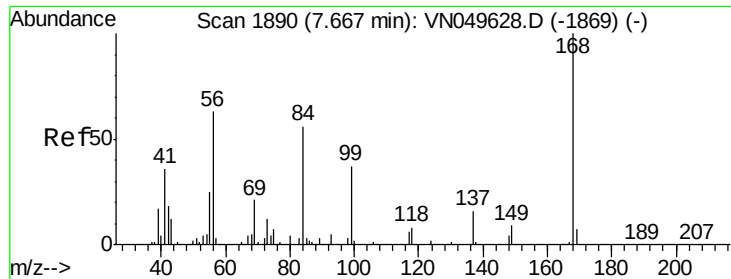
Instrument :
MSVOA_N
ClientSampleId :
MW-6DL

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Quant Time: Jul 05 09:22:55 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N062918W.M
Quant Title : SW846 8260
QLast Update : Sat Jun 30 00:55:30 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1891

Delta R.T. 0.00 min

Lab File: VN049696.D

Acq: 3 Jul 2018 16:21

Instrument :

MSVOA_N

ClientSampleId :

MW-6DL

Tot Ion:168 Resp: 1407354

Ion Ratio Lower Upper

168 100

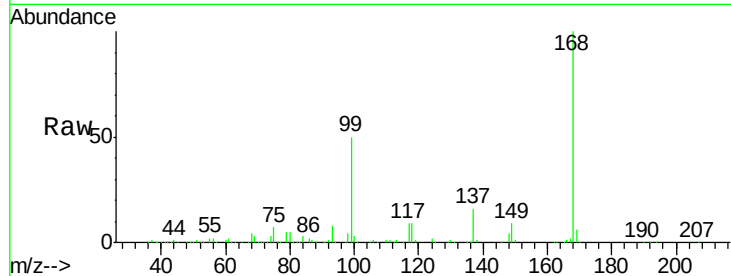
99 50.0 40.6 61.0

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

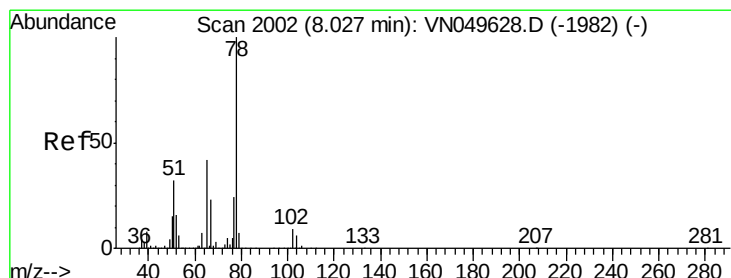
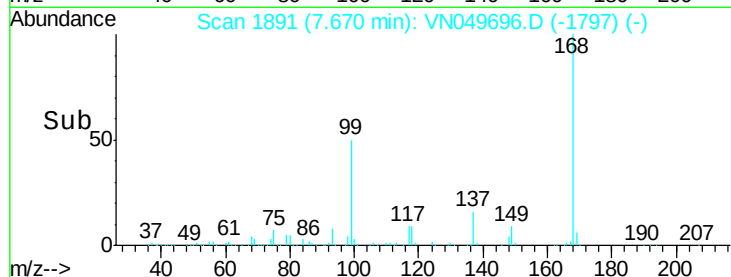
600000

400000

200000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 50.101 ug/l

RT: 8.03 min Scan# 2003

Delta R.T. 0.00 min

Lab File: VN049696.D

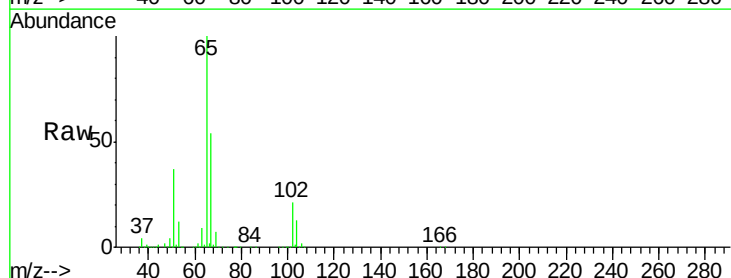
Acq: 3 Jul 2018 16:21

Tgt Ion: 65 Resp: 931142

Ion Ratio Lower Upper

65 100

67 53.9 0.0 107.2



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0

8.03

400000

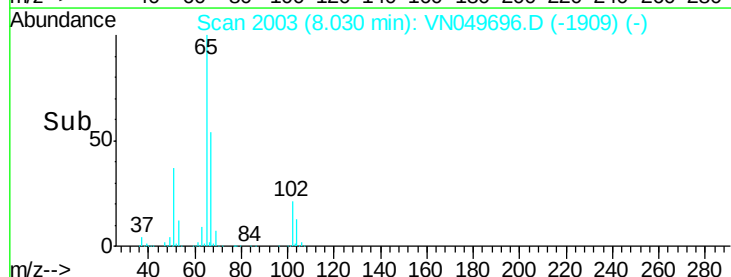
300000

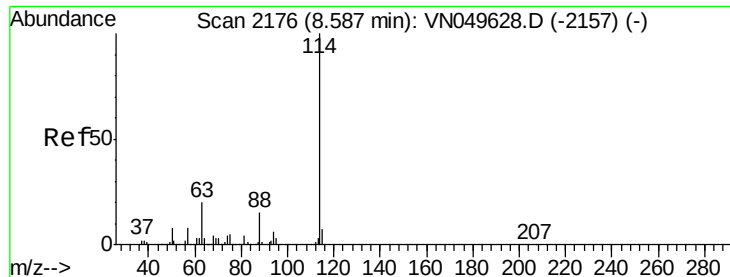
200000

100000

0

Time-->





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.59 min Scan# 2176

Delta R.T. 0.00 min

Lab File: VN049696.D

Acq: 3 Jul 2018 16:21

Instrument :

MSVOA_N

ClientSampled :

MW-6DL

Tot Ion:114 Resp: 2241958

Ion Ratio Lower Upper

114 100

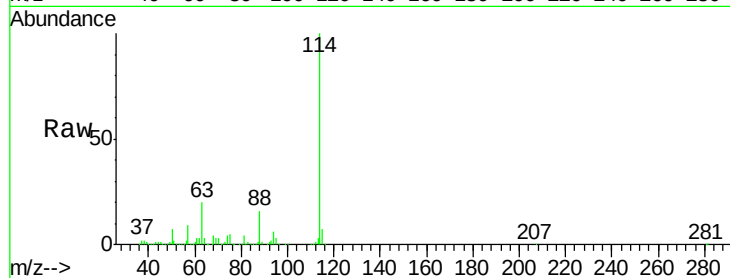
63 20.2 0.0 39.8

88 15.7 0.0 30.6

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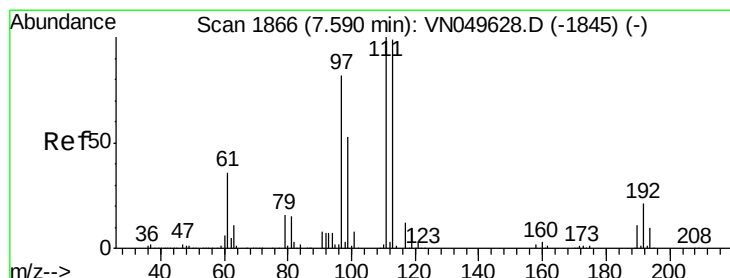
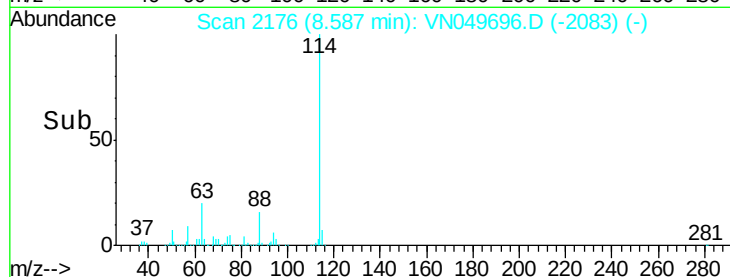
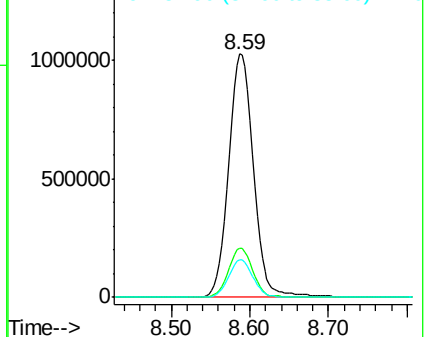
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Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN0

Ion 87.90 (87.60 to 88.60): VN0



#35

Dibromofluoromethane

Concen: 47.405 ug/l

RT: 7.59 min Scan# 1867

Delta R.T. 0.00 min

Lab File: VN049696.D

Acq: 3 Jul 2018 16:21

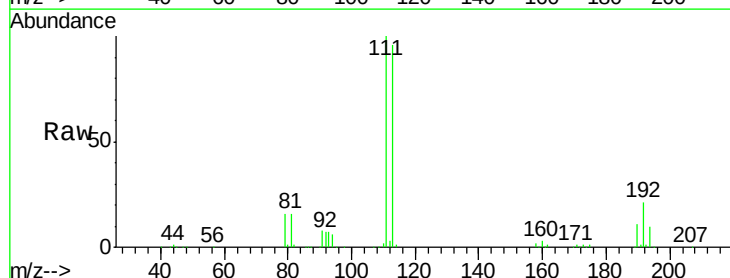
Tgt Ion:113 Resp: 794550

Ion Ratio Lower Upper

113 100

111 103.8 81.8 122.8

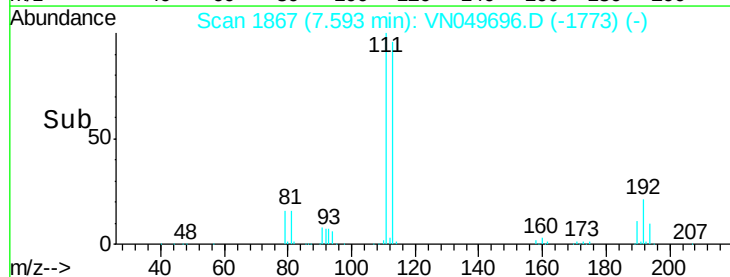
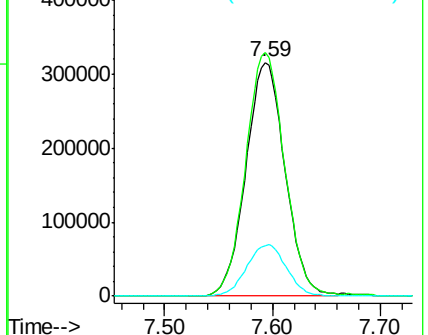
192 22.4 17.8 26.6

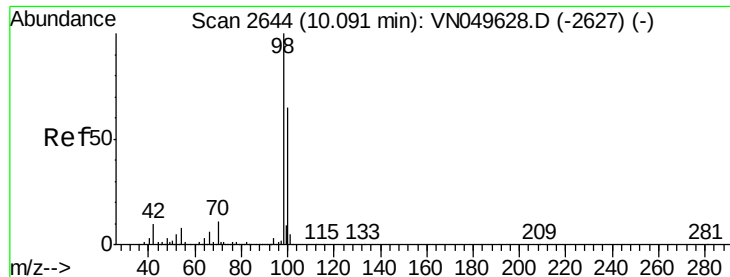


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





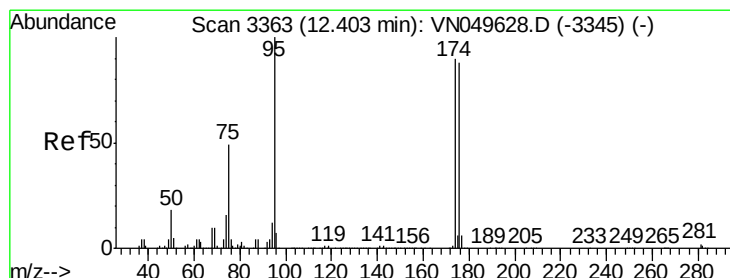
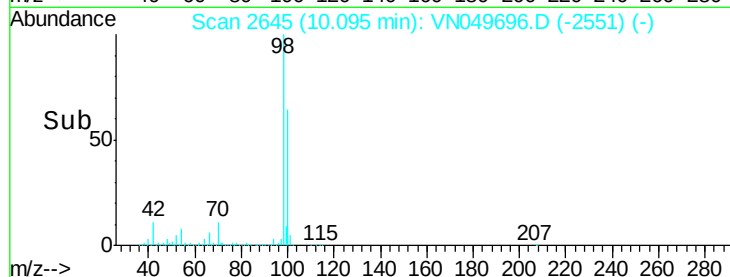
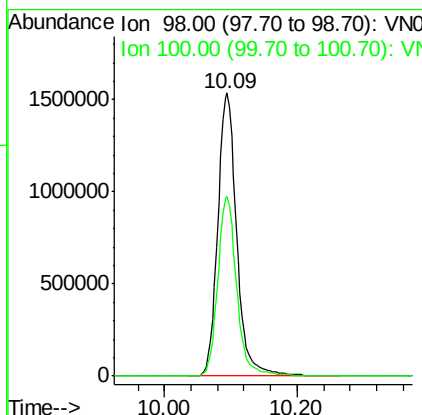
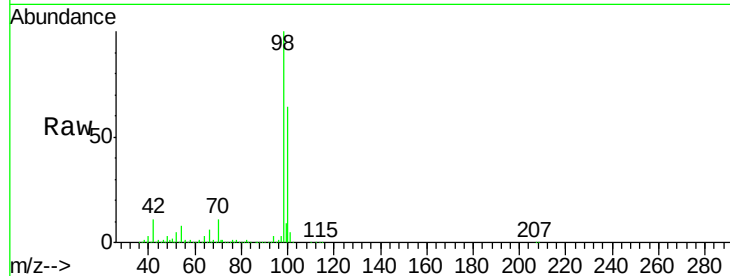
#50
Toluene-d8
Concen: 46.468 ug/l
RT: 10.09 min Scan# 2645
Delta R.T. 0.00 min
Lab File: VN049696.D
Acq: 3 Jul 2018 16:21

Instrument :
MSVOA_N
ClientSampleId :
MW-6DL

Tot Ion: 98 Resp: 3048590
Ion Ratio Lower Upper
98 100
100 63.2 51.7 77.5

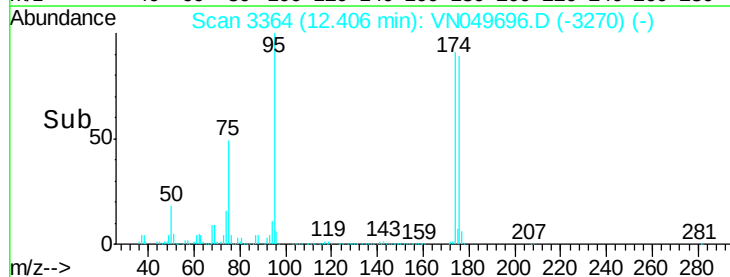
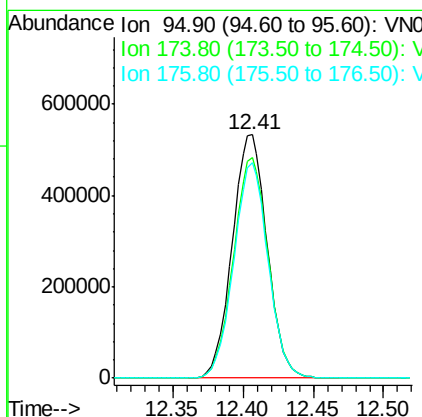
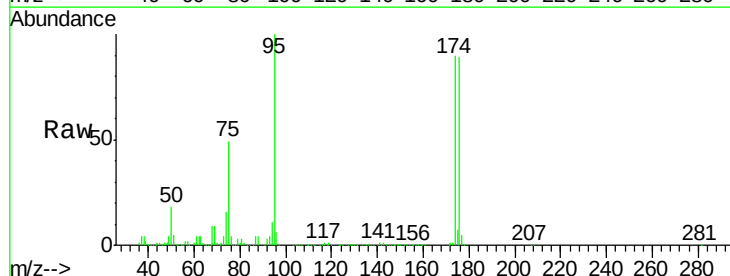
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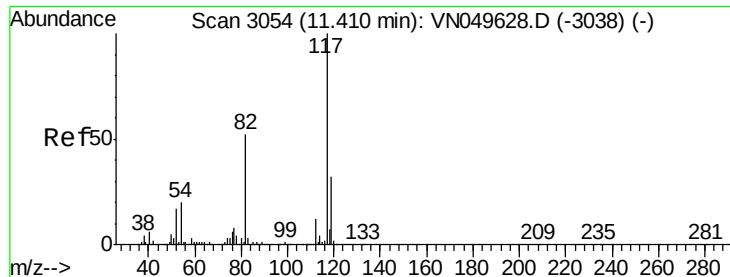
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#62
4-Bromofluorobenzene
Concen: 41.096 ug/l
RT: 12.41 min Scan# 3364
Delta R.T. 0.00 min
Lab File: VN049696.D
Acq: 3 Jul 2018 16:21

Tgt Ion: 95 Resp: 920502
Ion Ratio Lower Upper
95 100
174 90.7 0.0 179.6
176 87.3 0.0 174.0





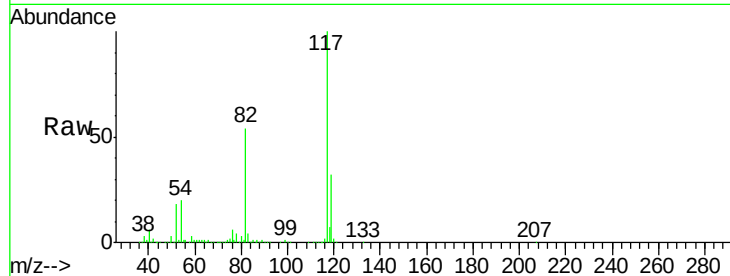
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 3054
Delta R.T. 0.00 min
Lab File: VN049696.D
Acq: 3 Jul 2018 16:21

Instrument :
MSVOA_N
ClientSampled :
MW-6DL

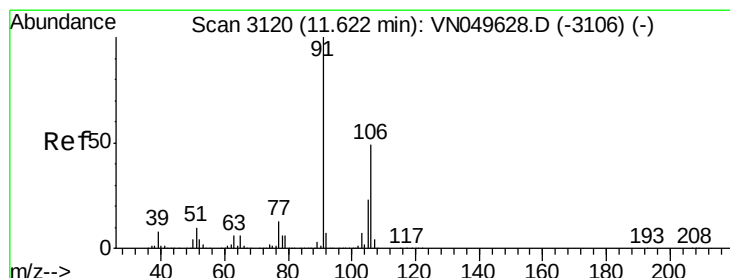
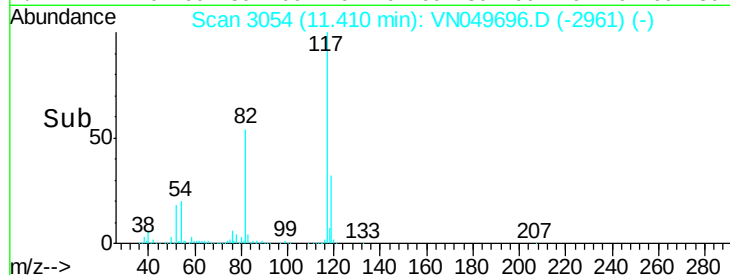
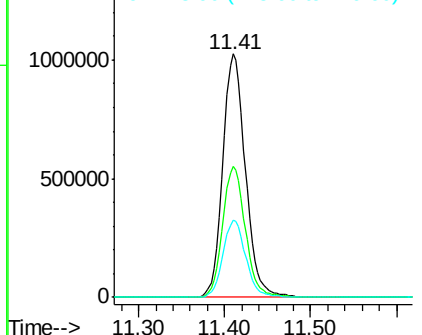
Tot Ion:117 Resp: 1874920
Ion Ratio Lower Upper
117 100
82 53.6 41.9 62.9
119 31.7 25.4 38.2

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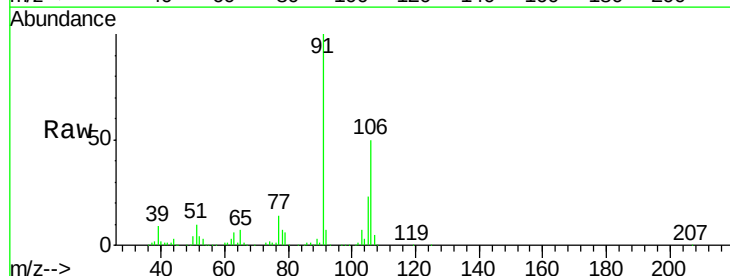


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VN
Ion 118.90 (118.60 to 119.60): V

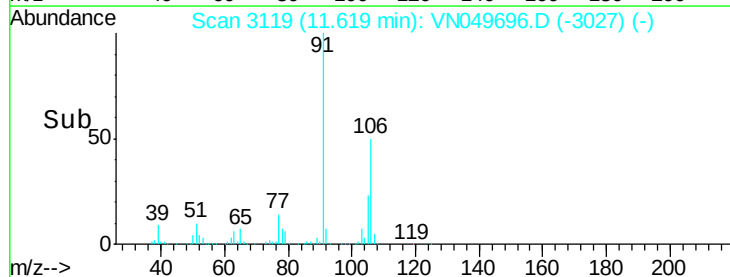
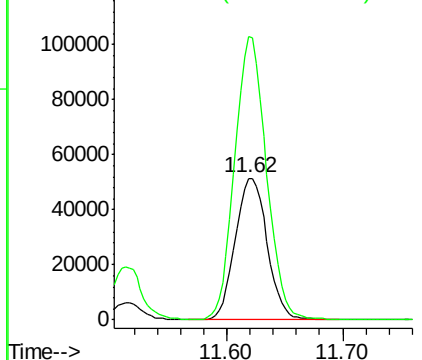


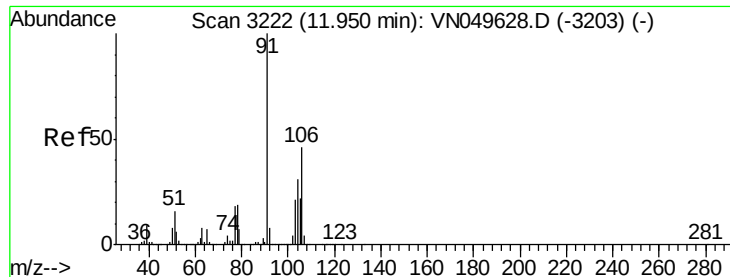
#68
m/p-Xylenes
Concen: 3.189 ug/l
RT: 11.62 min Scan# 3119
Delta R.T. -0.00 min
Lab File: VN049696.D
Acq: 3 Jul 2018 16:21

Tgt Ion:106 Resp: 98825
Ion Ratio Lower Upper
106 100
91 197.7 163.4 245.2



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





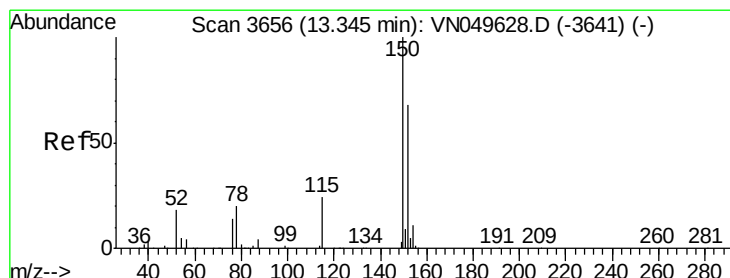
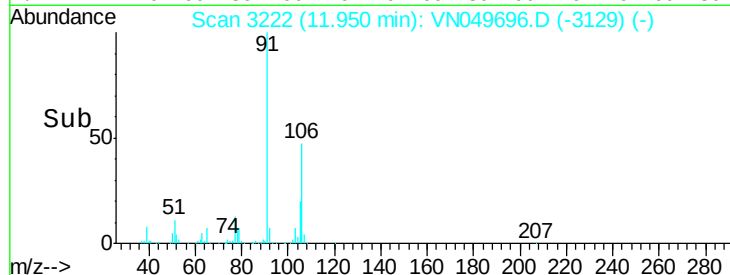
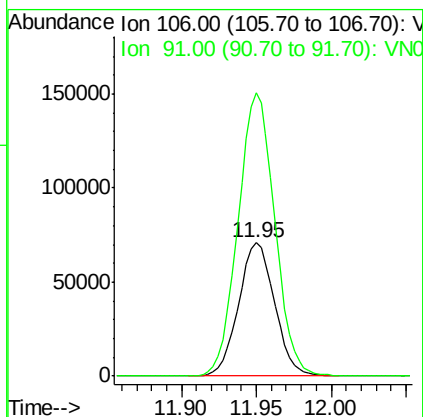
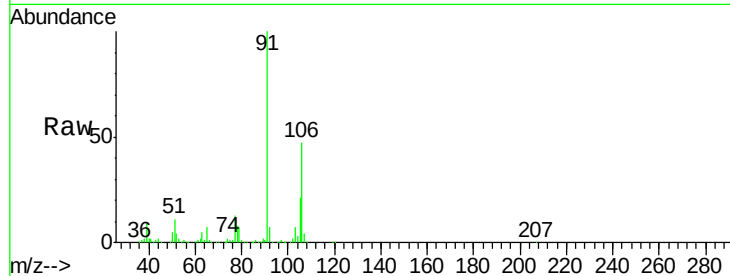
#69
o-Xylene
Concen: 4.021 ug/l
RT: 11.95 min Scan# 3222
Delta R.T. 0.00 min
Lab File: VN049696.D
Acq: 3 Jul 2018 16:21

Instrument :
MSVOA_N
ClientSampled :
MW-6DL

Tot Ion:106 Resp: 119281
Ion Ratio Lower Upper
106 100
91 215.4 108.7 326.1

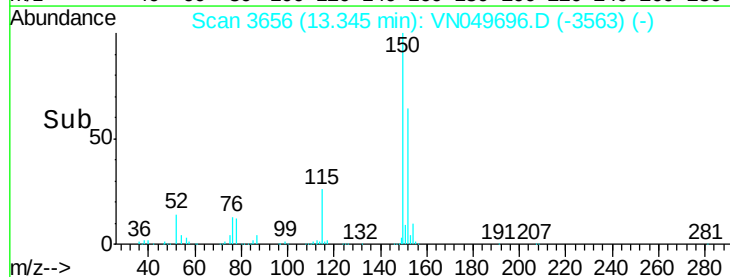
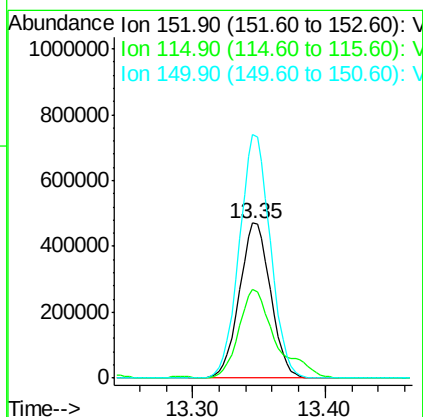
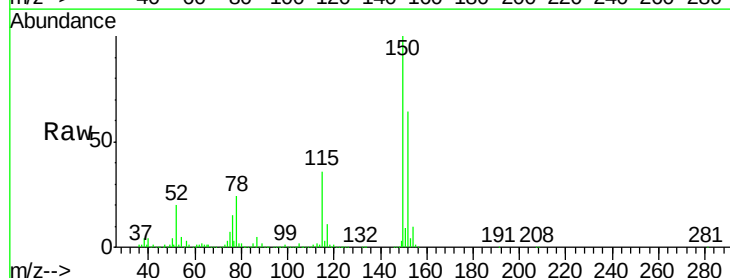
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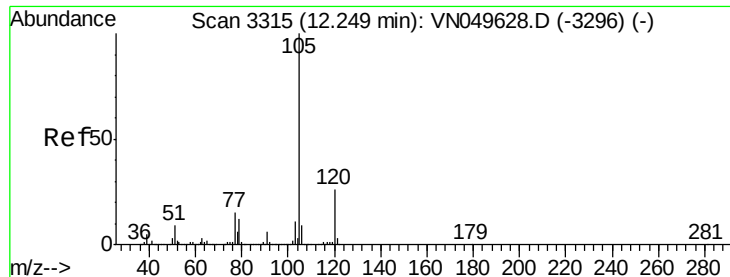
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3656
Delta R.T. 0.00 min
Lab File: VN049696.D
Acq: 3 Jul 2018 16:21

Tgt Ion:152 Resp: 769494
Ion Ratio Lower Upper
152 100
115 66.8 28.1 84.2
150 155.7 0.0 347.6





#73

Isopropylbenzene

Concen: 1.234 ug/l

RT: 12.25 min Scan# 3316

Delta R.T. 0.00 min

Lab File: VN049696.D

Acq: 3 Jul 2018 16:21

Instrument :

MSVOA_N

ClientSampled :

MW-6DL

Tot Ion:105 Resp: 75617

Ion Ratio Lower Upper

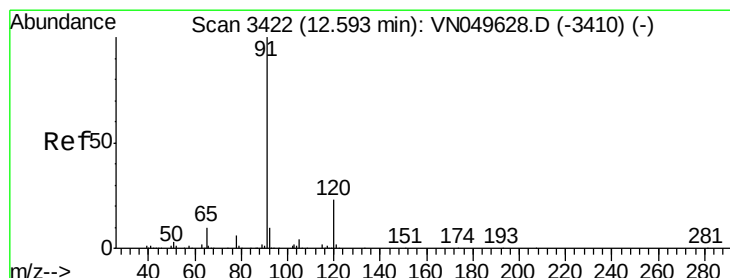
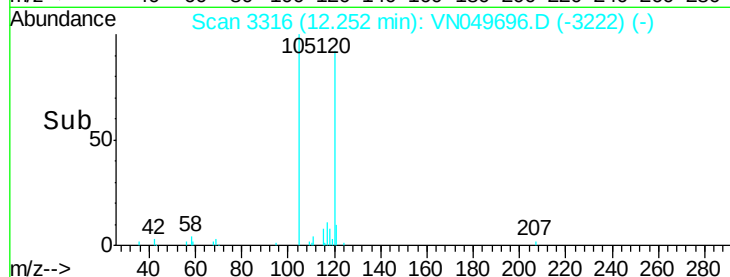
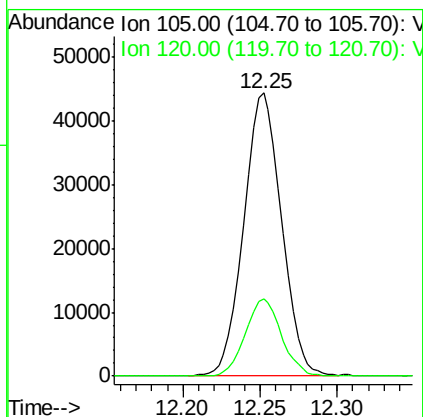
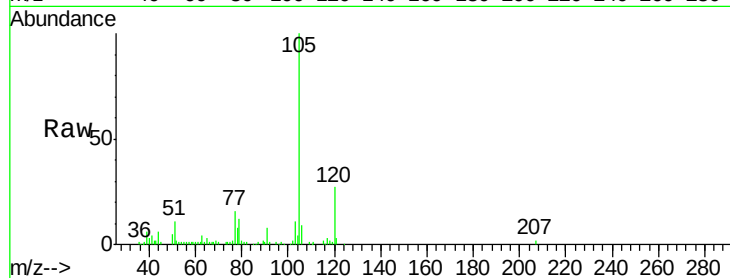
105 100

120 26.0 13.3 39.8

Manual Integrations
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#78

n-propylbenzene

Concen: 2.795 ug/l

RT: 12.59 min Scan# 3422

Delta R.T. 0.00 min

Lab File: VN049696.D

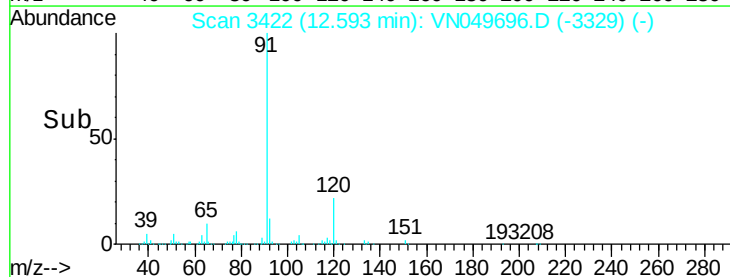
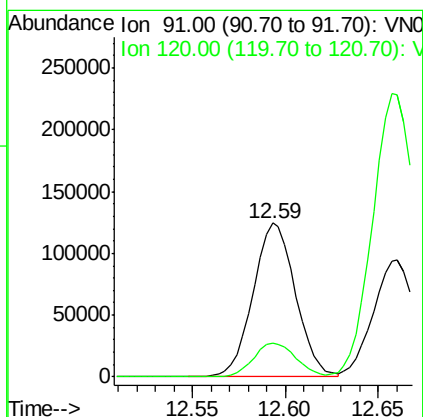
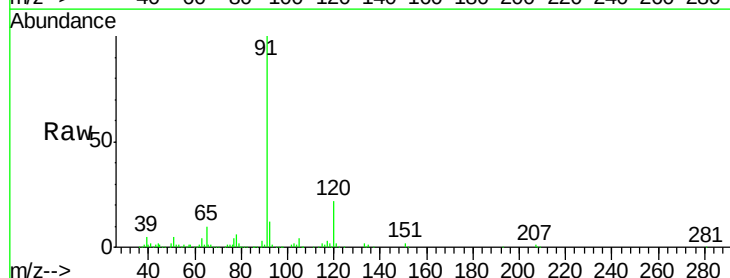
Acq: 3 Jul 2018 16:21

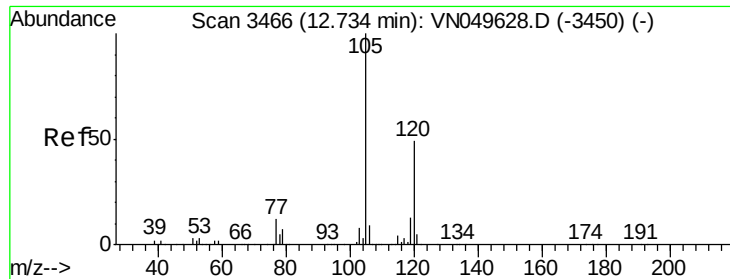
Tgt Ion: 91 Resp: 196373

Ion Ratio Lower Upper

91 100

120 22.3 11.5 34.4





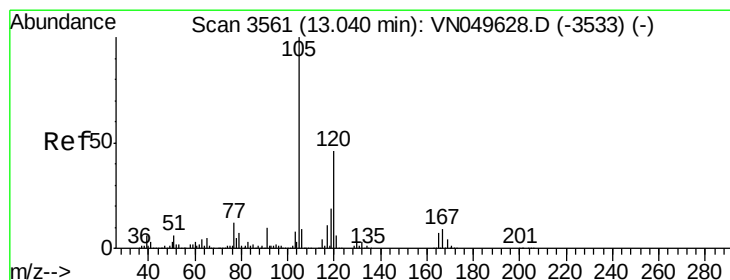
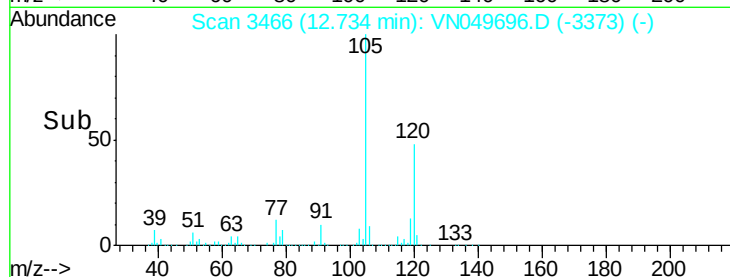
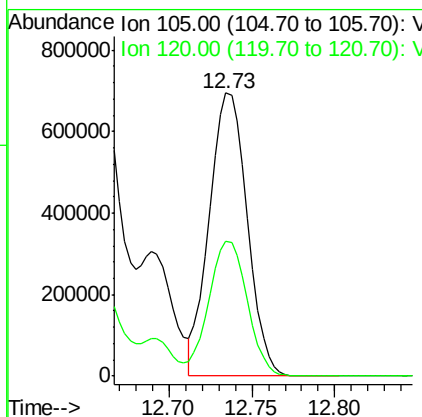
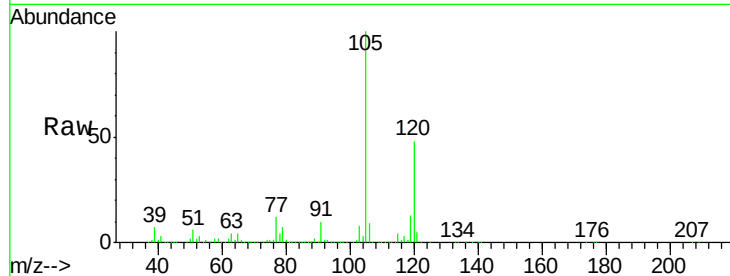
#80
 1,3,5-Trimethylbenzene
 Concen: 21.657 ug/l
 RT: 12.73 min Scan# 3466
 Delta R.T. 0.00 min
 Lab File: VN049696.D
 Acq: 3 Jul 2018 16:21

Instrument :
 MSVOA_N
 ClientSampled :
 MW-6DL

Tot Ion:105 Resp: 1103084
 Ion Ratio Lower Upper
 105 100
 120 48.6 24.3 72.8

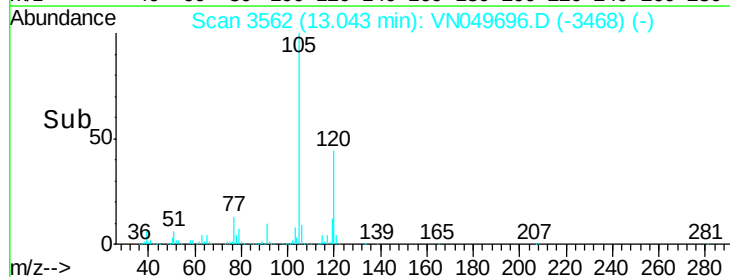
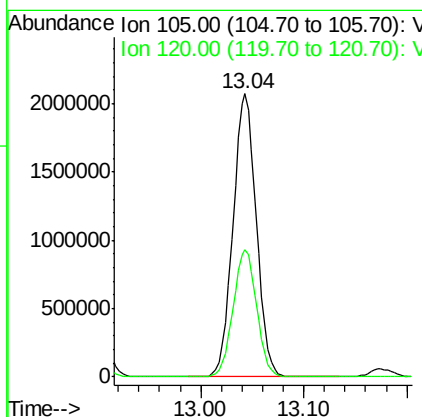
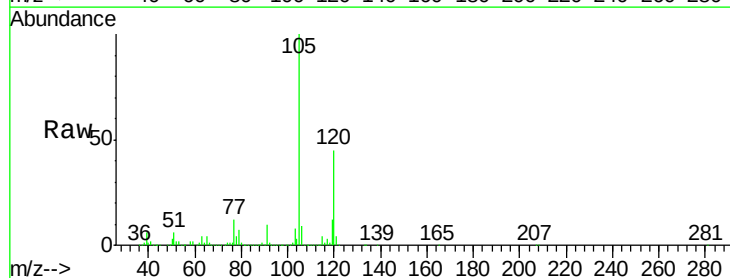
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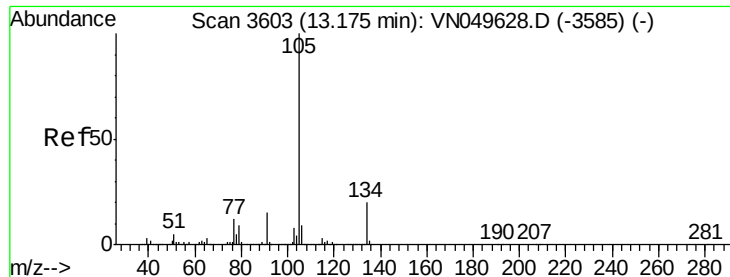
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#84
 1,2,4-Trimethylbenzene
 Concen: 62.194 ug/l
 RT: 13.04 min Scan# 3562
 Delta R.T. 0.00 min
 Lab File: VN049696.D
 Acq: 3 Jul 2018 16:21

Tgt Ion:105 Resp: 3255024
 Ion Ratio Lower Upper
 105 100
 120 45.3 22.7 68.1





#85

sec-Butylbenzene

Concen: 1.588 ug/l m

RT: 13.17 min Scan# 3603

Delta R.T. 0.00 min

Lab File: VN049696.D

Acq: 3 Jul 2018 16:21

Instrument :

MSVOA_N

ClientSampleId :

MW-6DL

Tot Ion:105 Resp: 92049

Ion Ratio Lower Upper

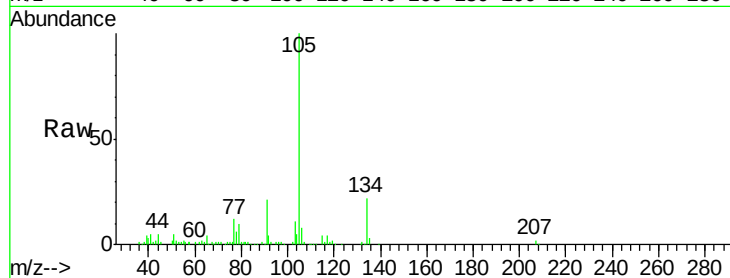
105 100

134 0.0 10.1 30.1#

Manual Integrations
APPROVED

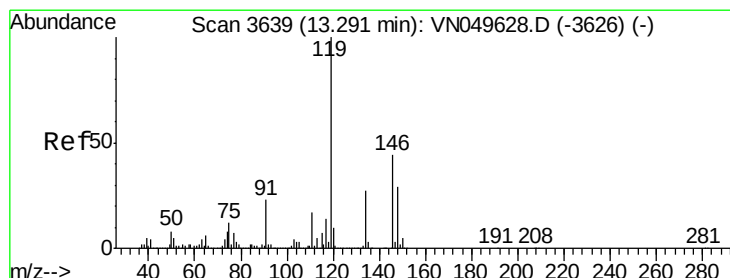
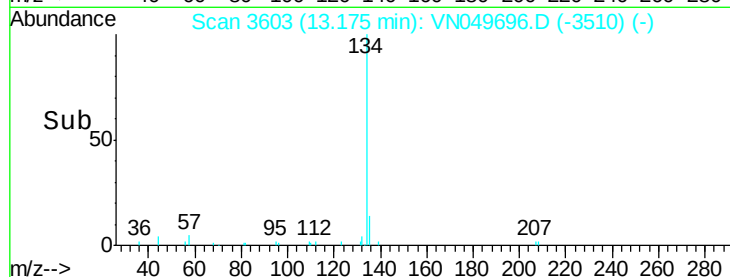
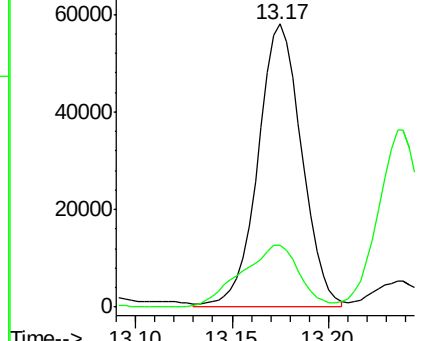
sam

7/5/2018 2:26:58 PM



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 1.733 ug/l

RT: 13.29 min Scan# 3639

Delta R.T. 0.00 min

Lab File: VN049696.D

Acq: 3 Jul 2018 16:21

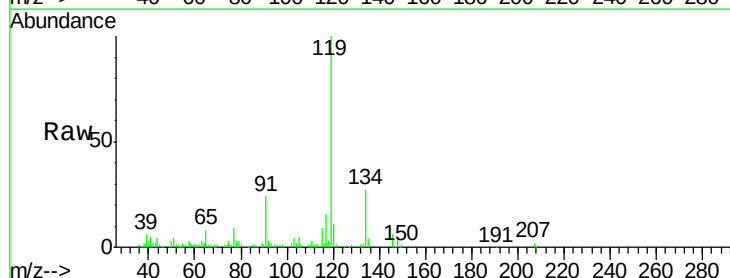
Tgt Ion:119 Resp: 87037

Ion Ratio Lower Upper

119 100

134 25.4 13.3 39.9

91 22.5 11.4 34.1



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

