

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW022619\
 Data File : VW008836.D
 Acq On : 26 Feb 2019 17:44
 Operator : SY/VA
 Sample : K1594-24
 Misc : 6.77G/5ML/MSVOA W/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 B-2(8-9)

Manual Integrations
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 2/27/2019 5:20:59 PM

Quant Time: Feb 27 06:57:58 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W022119S.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 22 00:38:32 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	350533	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	521594	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	460776	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	256871	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	173905	52.90	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.80%	
35) Dibromofluoromethane	7.88	113	154817	49.44	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.88%	
50) Toluene-d8	10.32	98	660195	54.61	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.22%	
62) 4-Bromofluorobenzene	12.62	95	275463	58.19	ug/l	0.00
Spiked Amount 50.000			Recovery	=	116.38%	
Target Compounds						
16) Acetone	4.12	43	108441	142.300	ug/l	92
31) Cyclohexane	7.93	56	256713	41.418	ug/l #	45
39) Methylcyclohexane	9.34	83	327751m	51.752	ug/l	
73) Isopropylbenzene	12.46	105	33851	1.922	ug/l	99
78) n-propylbenzene	12.80	91	188822	8.766	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	23610	1.490	ug/l	96
85) sec-Butylbenzene	13.38	105	109496	5.755	ug/l #	44
89) n-Butylbenzene	13.83	91	153626	9.402	ug/l #	78

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

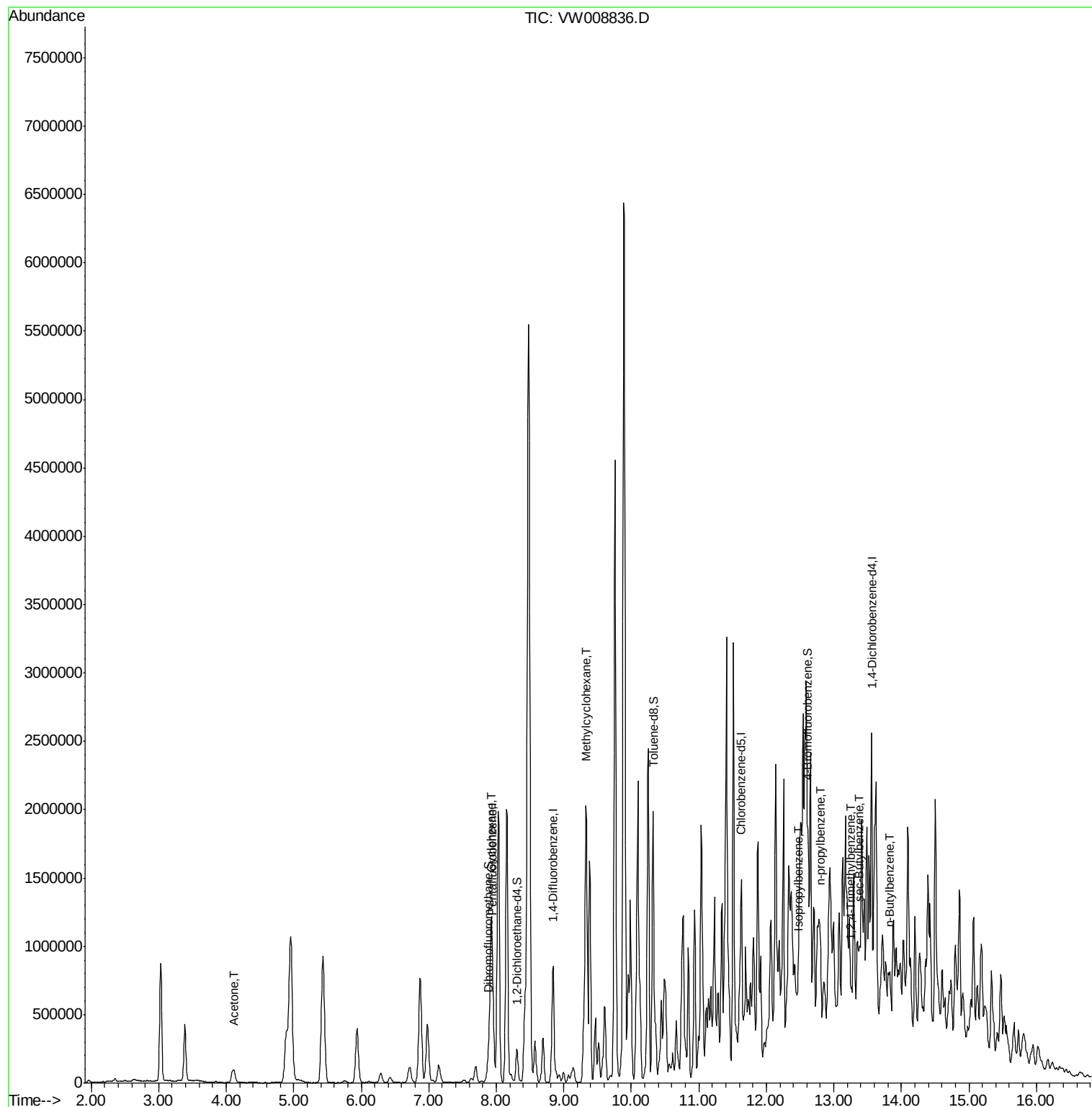
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW022619\
Data File : VW008836.D
Acq On : 26 Feb 2019 17:44
Operator : SY/VA
Sample : K1594-24
Misc : 6.77G/5ML/MSVOA W/SOIL
ALS Vial : 17 Sample Multiplier: 1

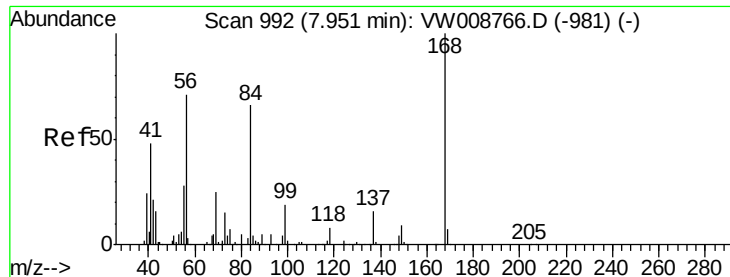
Instrument :
MSVOA_W
ClientSampleId :
B-2(8-9)

Manual Integrations
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Quant Time: Feb 27 06:57:58 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W022119S.M
Quant Title : SW846 8260
QLast Update : Fri Feb 22 00:38:32 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

Lab File: VW008836.D

Acq: 26 Feb 2019 17:44

Instrument :

MSVOA_W

ClientSampleId :

B-2(8-9)

Tot Ion:168 Resp: 350533

Ion Ratio Lower Upper

168 100

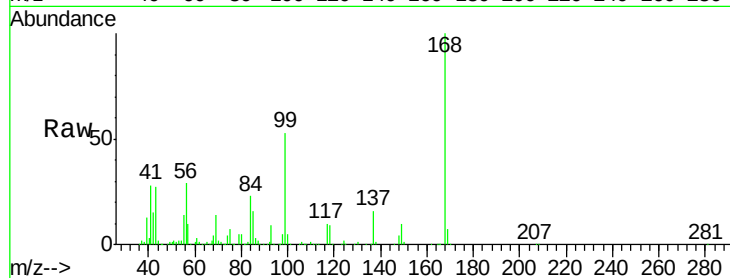
99 53.4 42.2 63.2

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

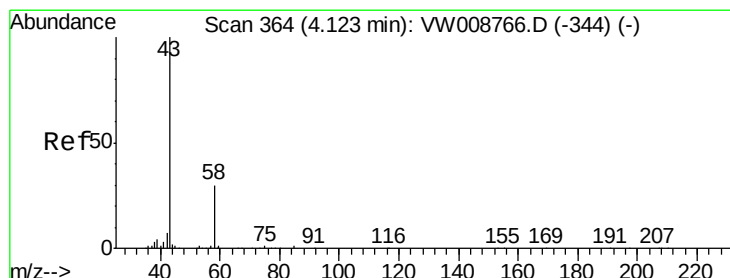
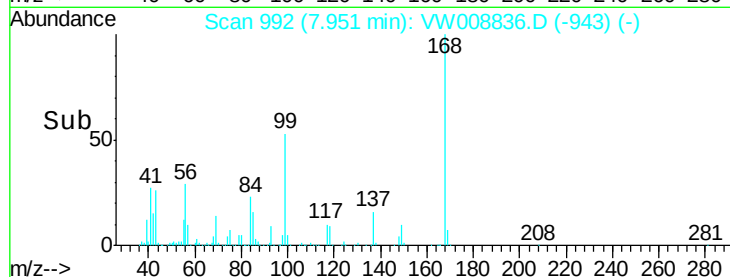
150000

100000

50000

0

Time--> 7.80 7.90 8.00 8.10



#16

Acetone

Concen: 142.300 ug/l

RT: 4.12 min Scan# 364

Delta R.T. 0.00 min

Lab File: VW008836.D

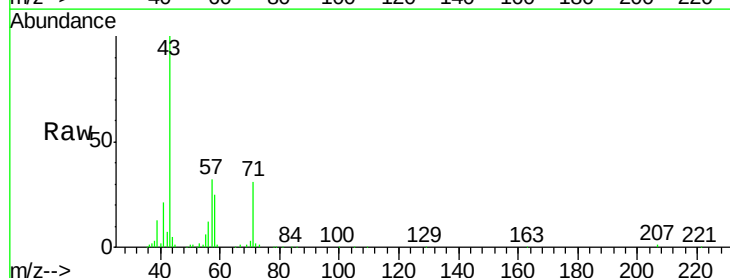
Acq: 26 Feb 2019 17:44

Tgt Ion: 43 Resp: 108441

Ion Ratio Lower Upper

43 100

58 25.1 23.8 35.6



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.12

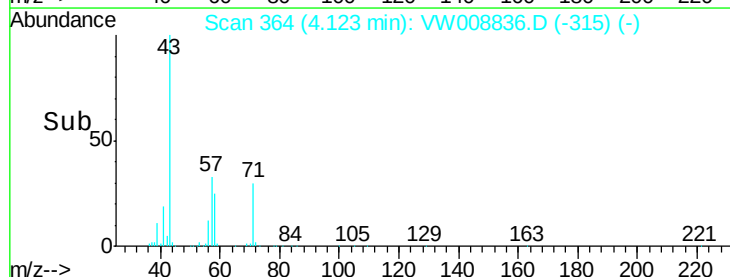
30000

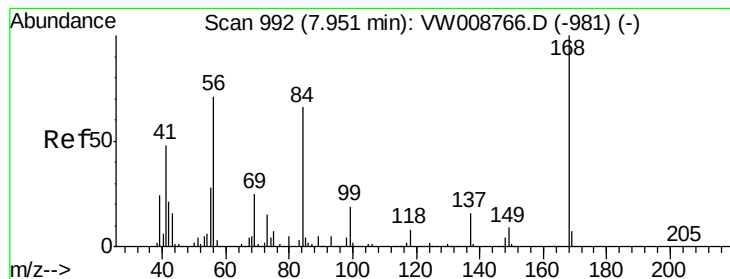
20000

10000

0

Time--> 4.00 4.10 4.20





#31

Cyclohexane

Concen: 41.418 ug/l

RT: 7.93 min Scan# 988

Delta R.T. -0.02 min

Lab File: VW008836.D

Acq: 26 Feb 2019 17:44

Instrument :

MSVOA_W

ClientSampled :

B-2(8-9)

Tot Ion: 56 Resp: 256713
Ion Ratio Lower Upper

56 100

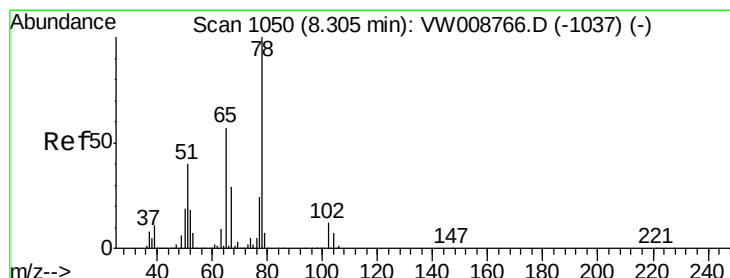
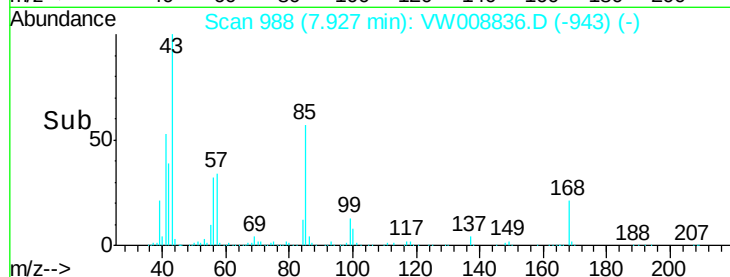
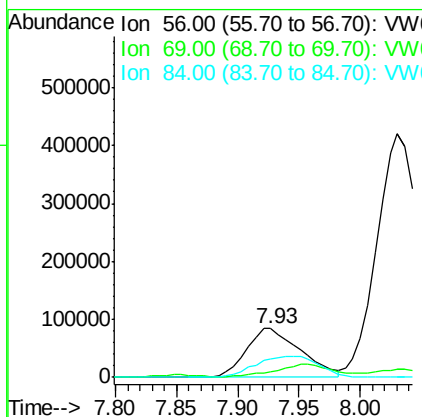
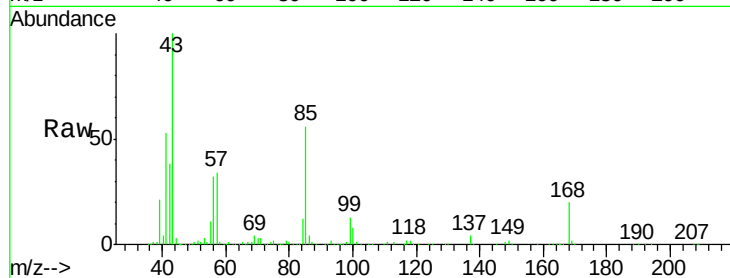
69 6.9 28.2 42.4#

84 38.1 74.1 111.1#

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#33

1,2-Dichloroethane-d4

Concen: 52.896 ug/l

RT: 8.30 min Scan# 1050

Delta R.T. 0.00 min

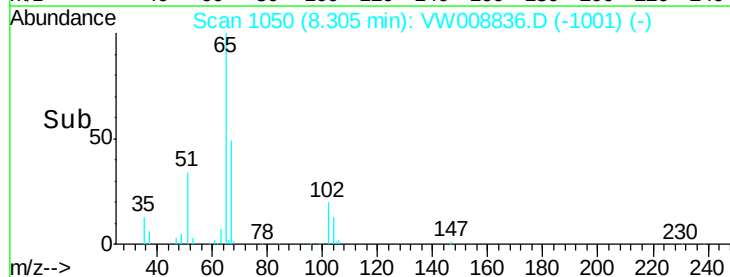
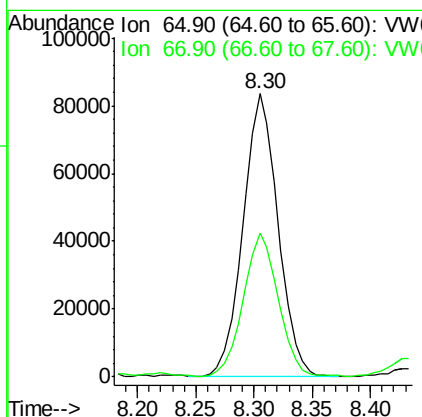
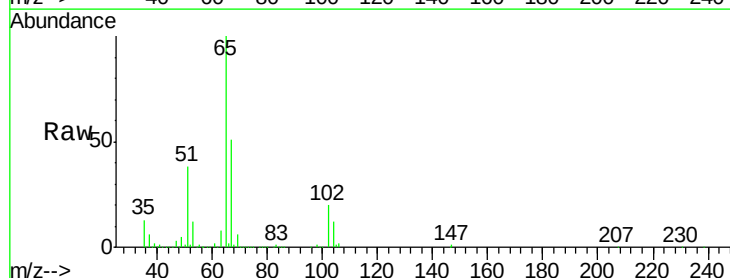
Lab File: VW008836.D

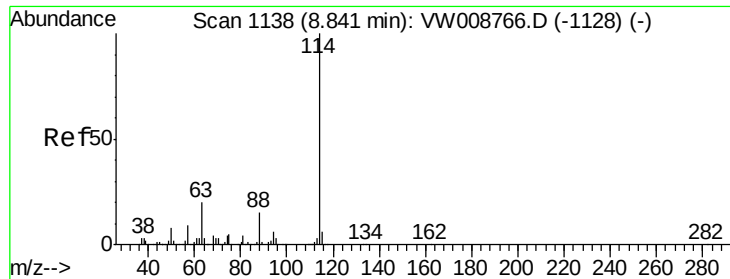
Acq: 26 Feb 2019 17:44

Tgt Ion: 65 Resp: 173905
Ion Ratio Lower Upper

65 100

67 51.0 0.0 101.4





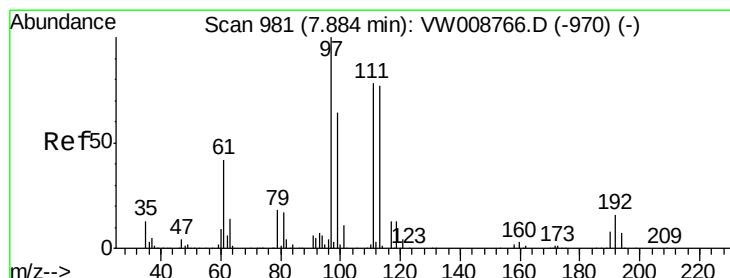
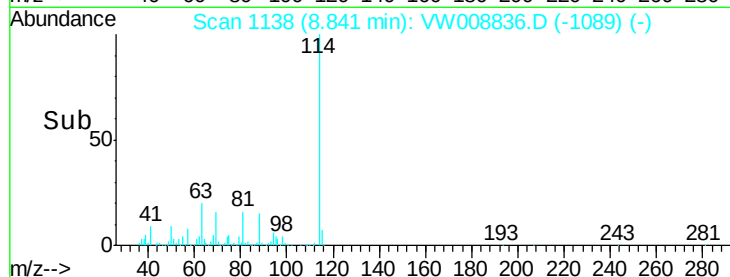
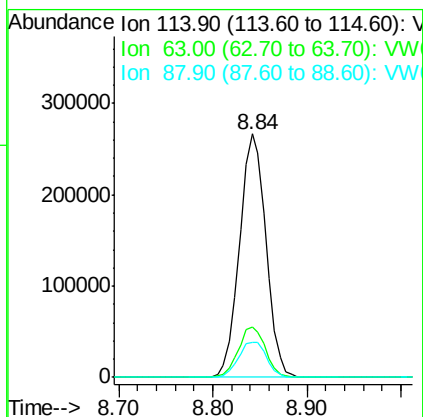
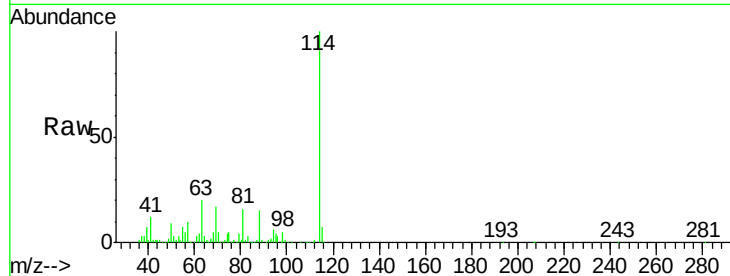
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW008836.D
 Acq: 26 Feb 2019 17:44

Instrument :
 MSVOA_W
 ClientSampleId :
 B-2(8-9)

Tot Ion	Ratio	Resp Lower	Upper
114	100		
63	20.4	0.0	40.8
88	14.6	0.0	30.4

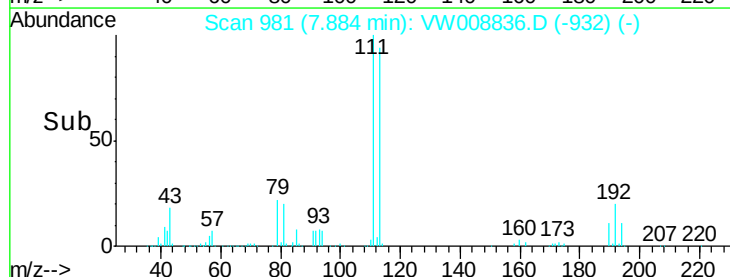
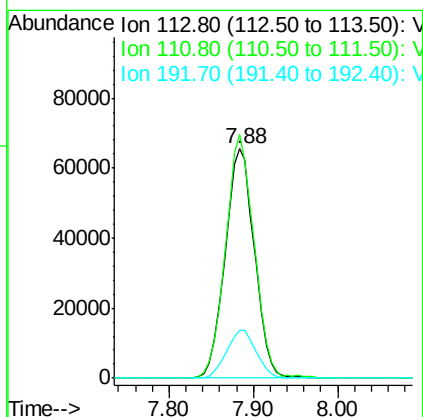
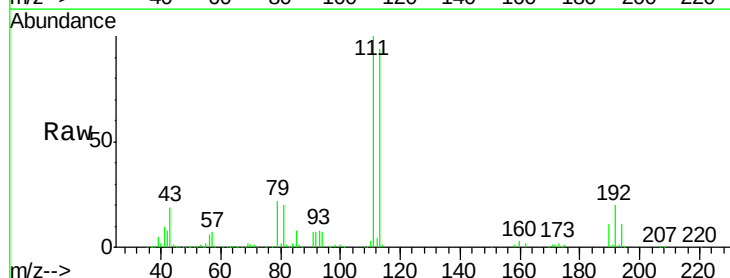
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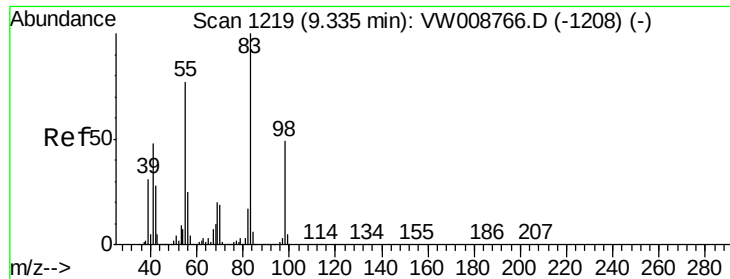
MMDadoda
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#35
 Dibromofluoromethane
 Concen: 49.435 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW008836.D
 Acq: 26 Feb 2019 17:44

Tgt Ion	Ratio	Resp Lower	Upper
113	100		
111	103.6	81.9	122.9
192	21.1	17.1	25.7





#39

Methylvlcyclohexane

Concen: 51.752 ug/l m

RT: 9.34 min Scan# 1219

Delta R.T. 0.00 min

Lab File: VW008836.D

Acq: 26 Feb 2019 17:44

Instrument :

MSVOA_W

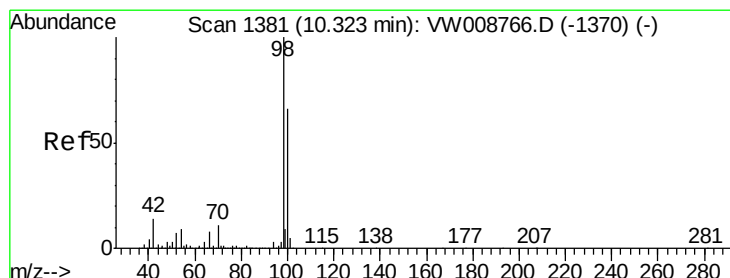
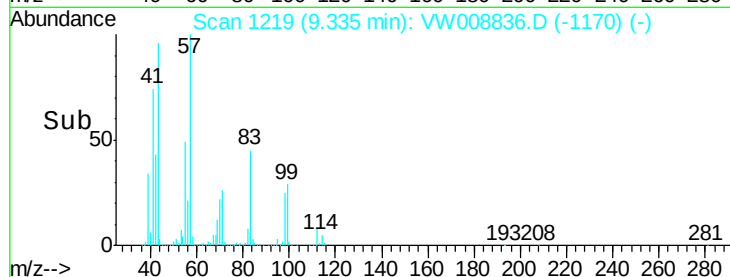
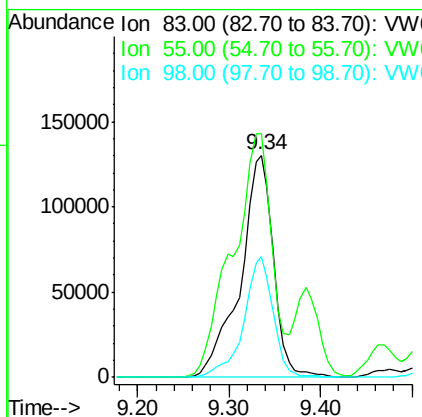
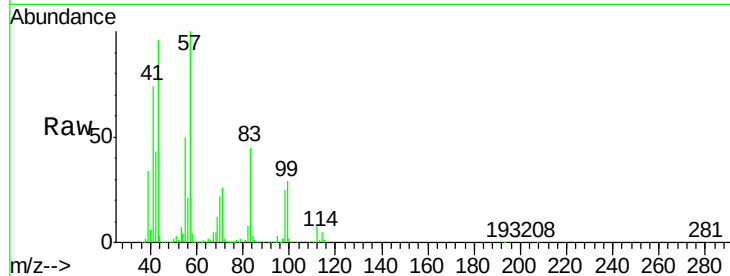
ClientSampleId :

B-2(8-9)

Tot Ion:	83	Resp:	327751
Ion Ratio	Lower	Upper	
83	100		
55	109.5	61.2	91.8#
98	54.5	39.4	59.2

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#50

Toluene-d8

Concen: 54.610 ug/l

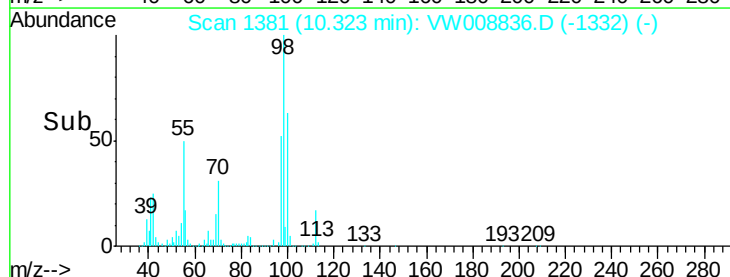
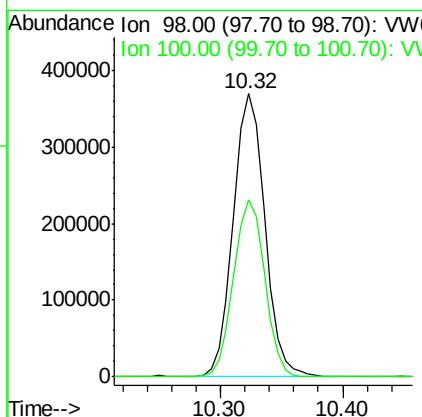
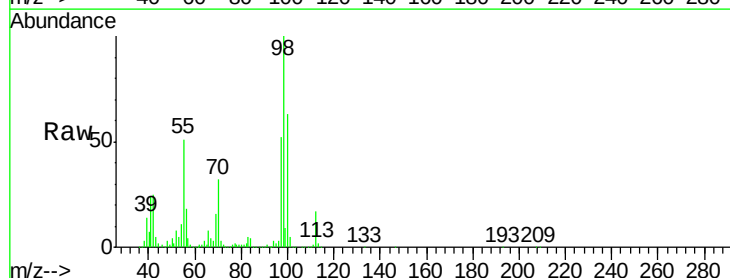
RT: 10.32 min Scan# 1381

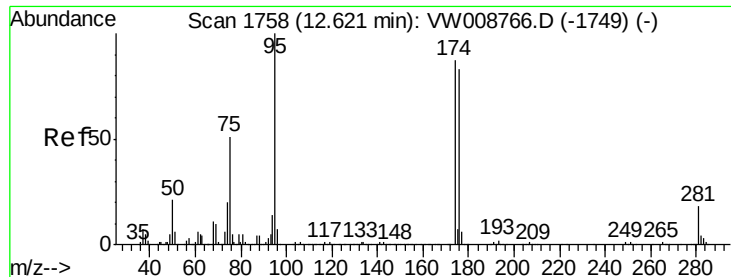
Delta R.T. -0.00 min

Lab File: VW008836.D

Acq: 26 Feb 2019 17:44

Tgt Ion:	98	Resp:	660195
Ion Ratio	Lower	Upper	
98	100		
100	61.9	52.4	78.6





#62

4-Bromofluorobenzene

Concen: 58.195 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.01 min

Lab File: VW008836.D

Acq: 26 Feb 2019 17:44

Instrument :

MSVOA_W

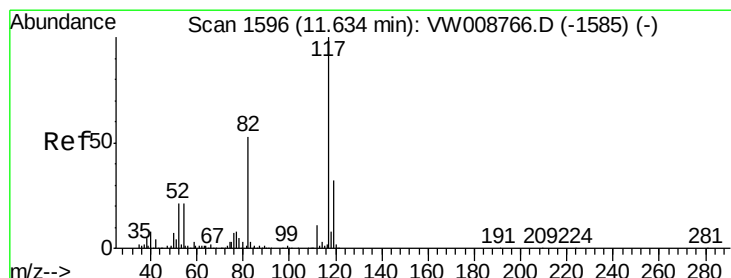
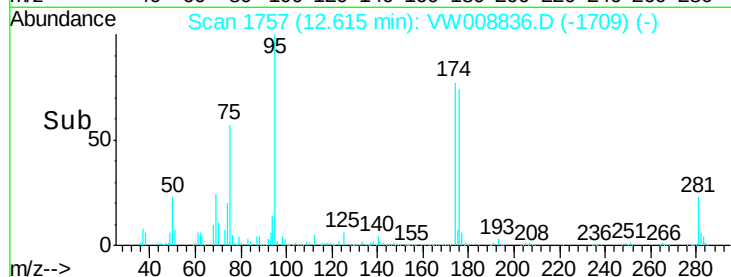
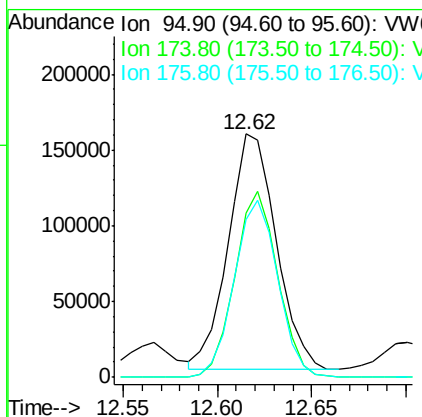
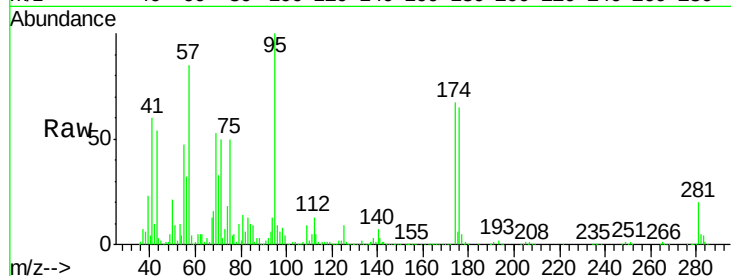
ClientSampleId :

B-2(8-9)

Tot Ion:	95	Resp:	275463
Ion Ratio	Lower	Upper	
95	100		
174	70.3	0.0	169.2
176	68.1	0.0	163.6

Manual Integrations
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#63

Chlorobenzene-d5

Concen: 50.000 ug/l

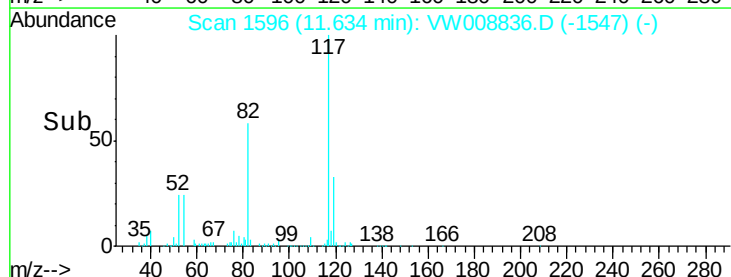
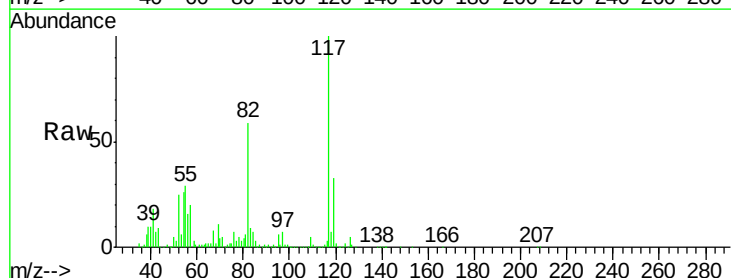
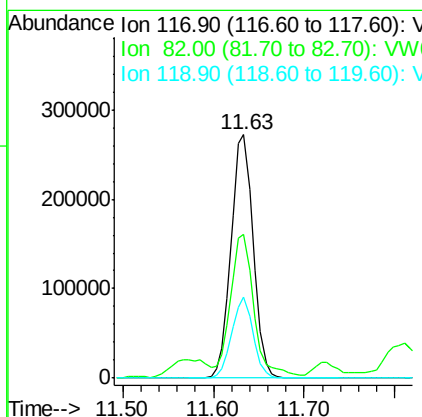
RT: 11.63 min Scan# 1596

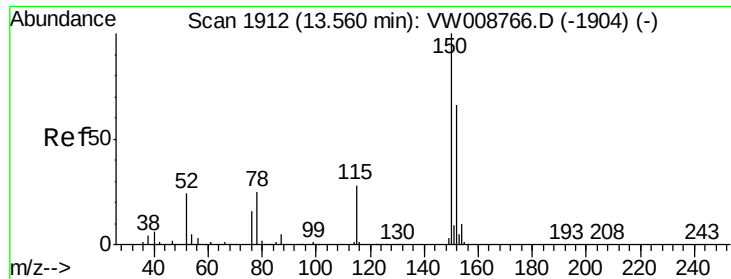
Delta R.T. 0.00 min

Lab File: VW008836.D

Acq: 26 Feb 2019 17:44

Tgt Ion:	117	Resp:	460776
Ion Ratio	Lower	Upper	
117	100		
82	55.5	42.2	63.4
119	33.0	25.9	38.9





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. 0.00 min

Lab File: VW008836.D

Acq: 26 Feb 2019 17:44

Instrument :

MSVOA_W

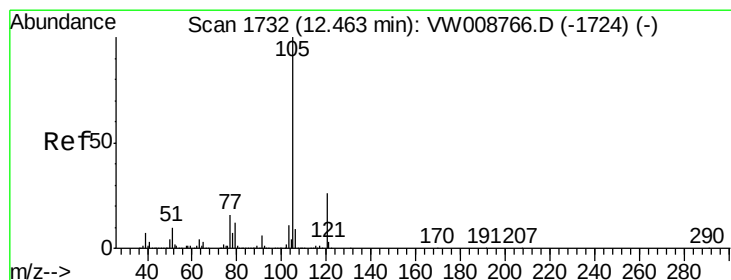
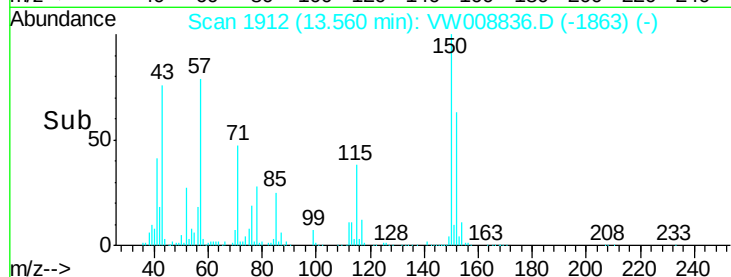
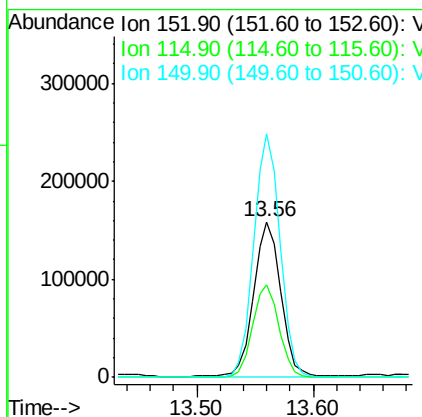
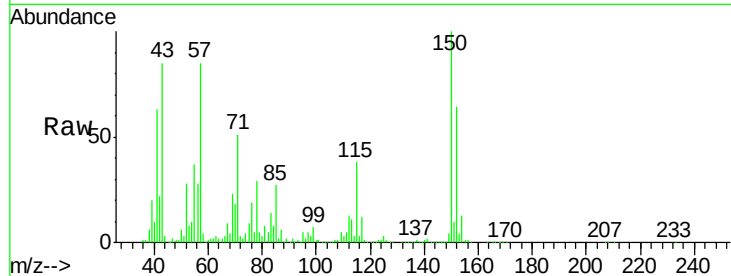
ClientSampleId :

B-2(8-9)

Tot Ion:	152	Resp:	256871
Ion Ratio	Lower	Upper	
152	100		
115	58.2	28.6	85.8
150	152.3	0.0	348.0

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#73

Isopropylbenzene

Concen: 1.922 ug/l

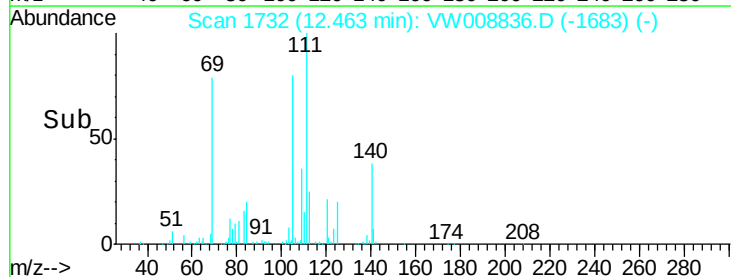
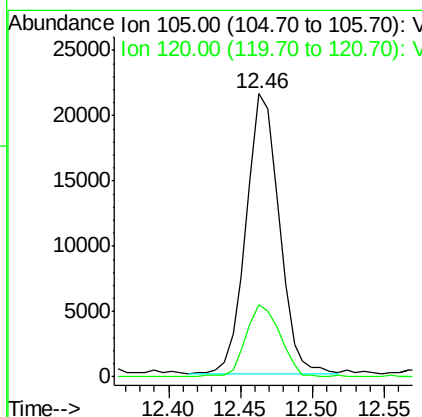
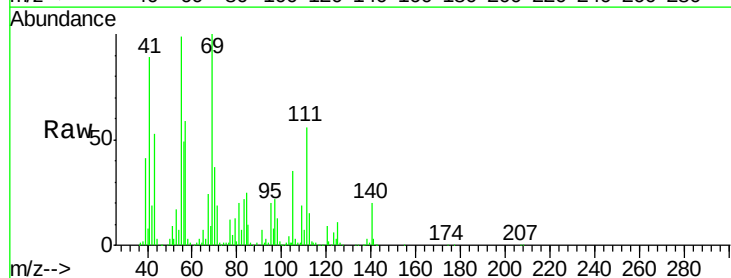
RT: 12.46 min Scan# 1732

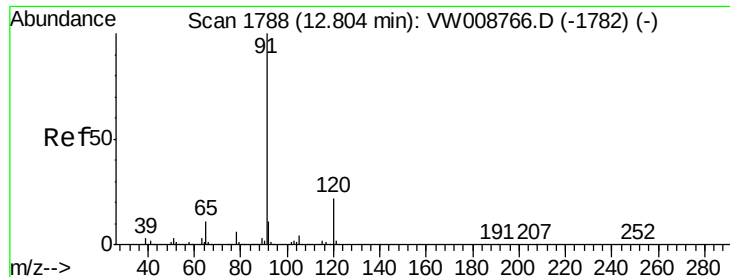
Delta R.T. 0.00 min

Lab File: VW008836.D

Acq: 26 Feb 2019 17:44

Tgt Ion:	105	Resp:	33851
Ion Ratio	Lower	Upper	
105	100		
120	27.0	13.3	39.9





#78

n-propylbenzene

Concen: 8.766 ug/l

RT: 12.80 min Scan# 1788

Delta R.T. 0.00 min

Lab File: VW008836.D

Acq: 26 Feb 2019 17:44

Instrument :

MSVOA_W

ClientSampleId :

B-2(8-9)

Tot Ion: 91 Resp: 188822

Ion Ratio Lower Upper

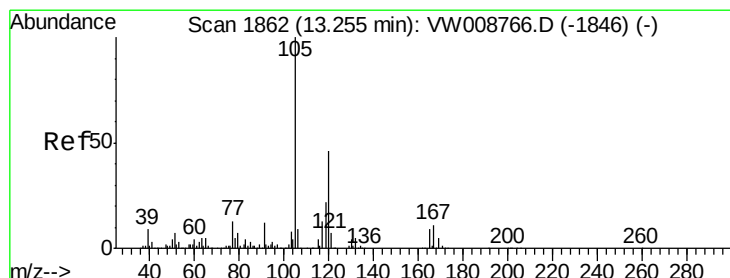
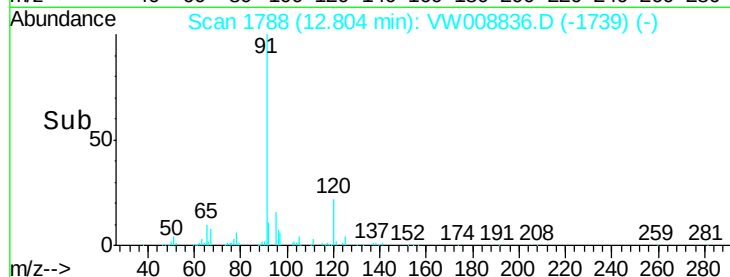
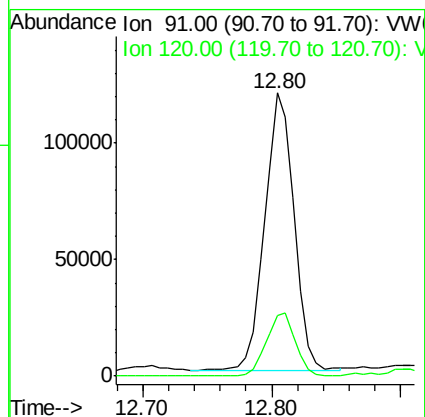
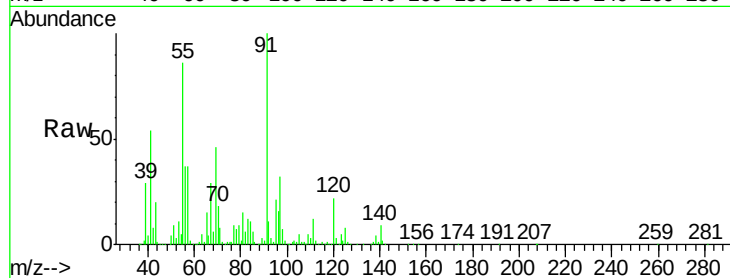
91 100

120 22.5 11.5 34.4

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#84

1,2,4-Trimethylbenzene

Concen: 1.490 ug/l

RT: 13.26 min Scan# 1862

Delta R.T. -0.00 min

Lab File: VW008836.D

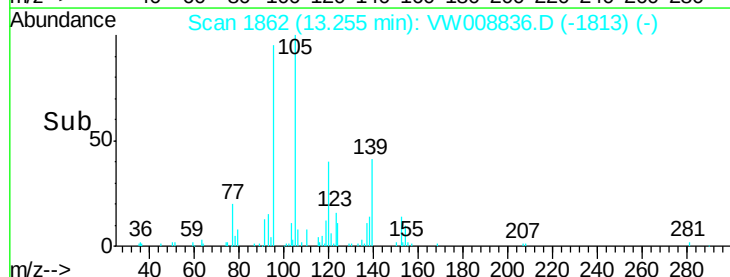
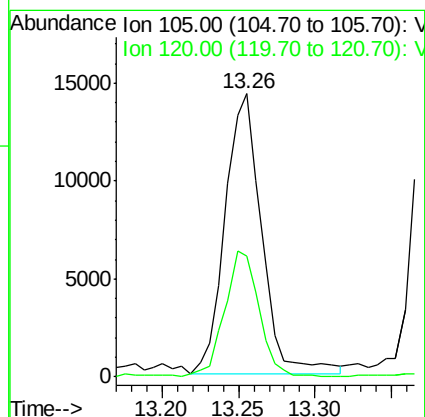
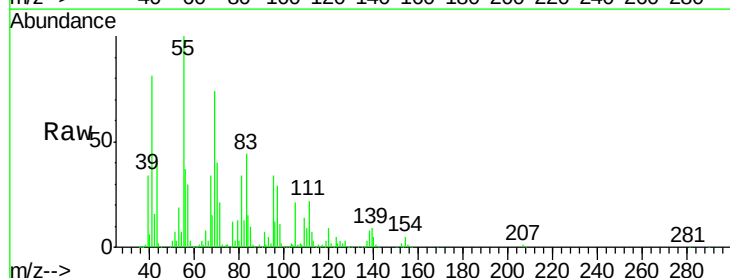
Acq: 26 Feb 2019 17:44

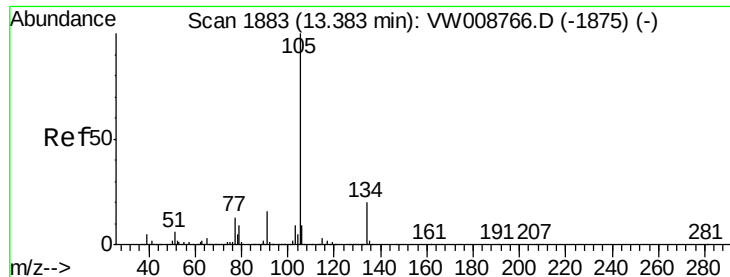
Tgt Ion: 105 Resp: 23610

Ion Ratio Lower Upper

105 100

120 42.7 22.8 68.4





#85

sec-Butylbenzene

Concen: 5.755 ug/l

RT: 13.38 min Scan# 1883

Delta R.T. 0.00 min

Lab File: VW008836.D

Acq: 26 Feb 2019 17:44

Instrument :

MSVOA_W

ClientSampleId :

B-2(8-9)

Tot Ion:105 Resp: 109496

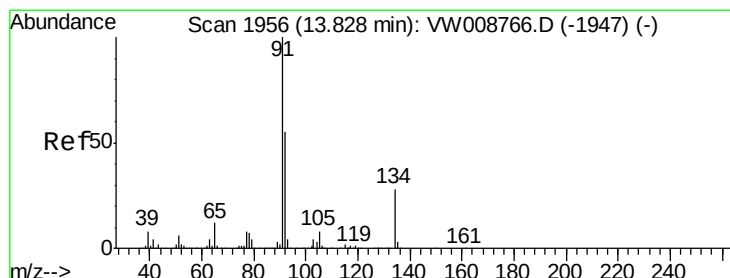
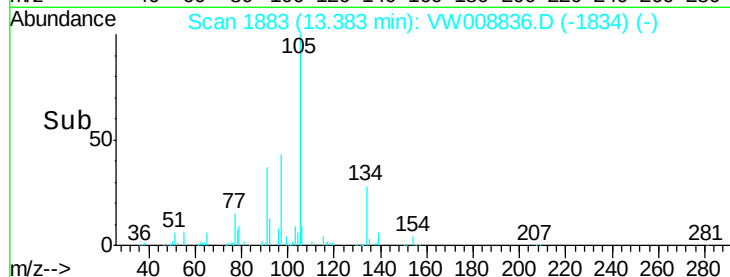
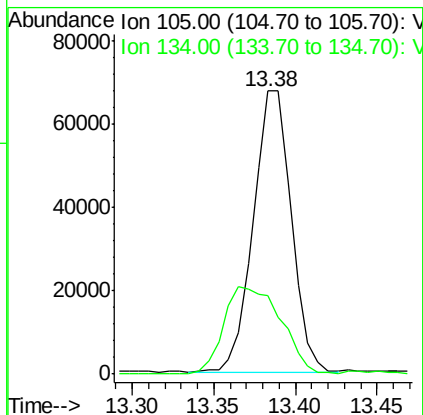
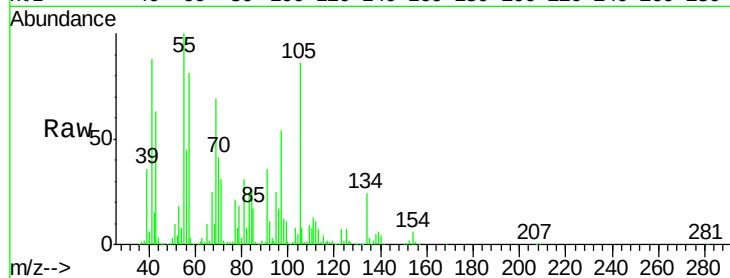
Ion Ratio Lower Upper

105 100

134 46.9 10.4 31.1#

Manual Integrations
APPROVED

MMDadoda
2/27/2019 5:20:59 PM



#89

n-Butylbenzene

Concen: 9.402 ug/l

RT: 13.83 min Scan# 1956

Delta R.T. -0.00 min

Lab File: VW008836.D

Acq: 26 Feb 2019 17:44

Tgt Ion: 91 Resp: 153626

Ion Ratio Lower Upper

91 100

92 44.8 26.8 80.4

134 47.9 13.5 40.4#

