

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW022619\
 Data File : VW008843.D
 Acq On : 26 Feb 2019 20:51
 Operator : SY/VA
 Sample : K1594-39
 Misc : 5.54G/5ML/MSVOA W/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 B-9(4-5)

Manual Integrations
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 2/27/2019 5:21:14 PM

Quant Time: Feb 27 07:38:24 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	632222	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	996151	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	861229	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	378409	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	346771	58.48	ug/l	0.00
Spiked Amount 50.000			Recovery	=	116.96%	
35) Dibromofluoromethane	7.88	113	298385	49.89	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.78%	
50) Toluene-d8	10.32	98	1188436	51.47	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.94%	
62) 4-Bromofluorobenzene	12.62	95	414285	45.83	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.66%	
Target Compounds						
16) Acetone	4.13	43	97952	71.266	ug/l	99
39) Methylcyclohexane	9.33	83	12101	1.000	ug/l #	86
51) 4-Methyl-2-Pentanone	10.21	43	9204	2.014	ug/l	96
78) n-propylbenzene	12.80	91	72014	2.269	ug/l	98
84) 1,2,4-Trimethylbenzene	13.26	105	71867	3.080	ug/l	97
89) n-Butylbenzene	13.83	91	29592m	1.229	ug/l	
95) Naphthalene	15.37	128	38170	2.746	ug/l	97

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

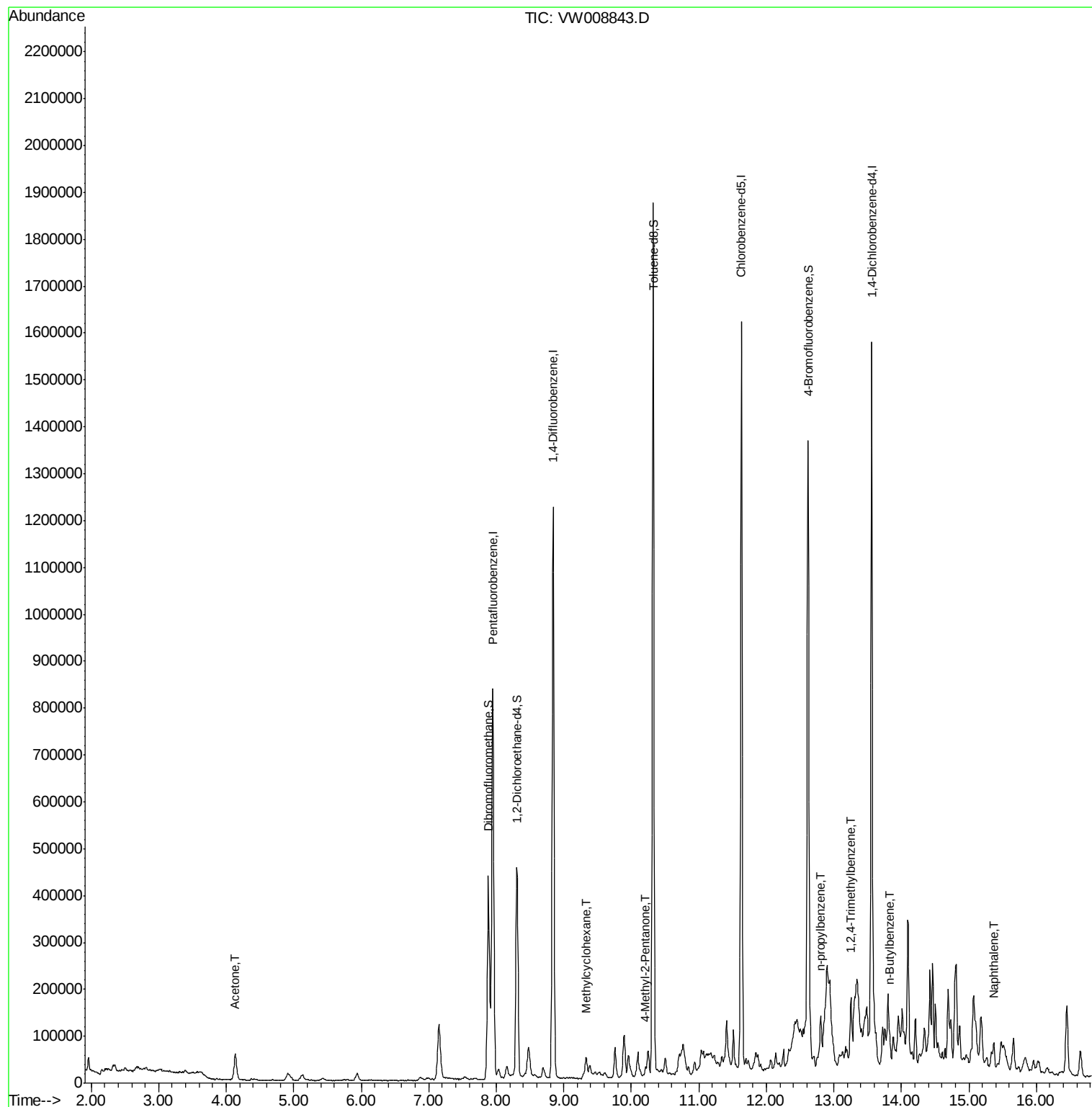
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW022619\
Data File : VW008843.D
Acq On : 26 Feb 2019 20:51
Operator : SY/VA
Sample : K1594-39
Misc : 5.54G/5ML/MSVOA W/SOIL
ALS Vial : 24 Sample Multiplier: 1

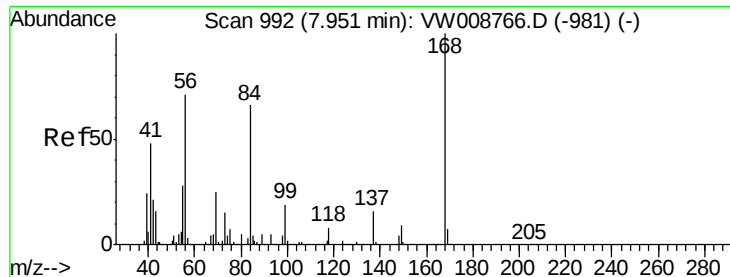
Instrument :
MSVOA_W
ClientSampleId :
B-9(4-5)

Manual Integrations
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Quant Time: Feb 27 07:38:24 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: VW008843.D

Acq: 26 Feb 2019 20:51

Instrument :

MSVOA_W

ClientSampleId :

B-9(4-5)

Tot Ion:168 Resp: 632222

Ion Ratio Lower Upper

168 100

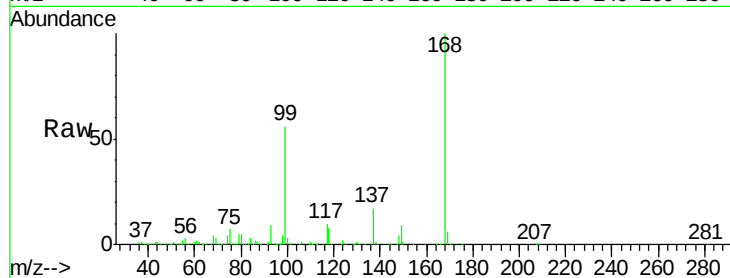
99 56.3 42.2 63.2

Manual Integrations

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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

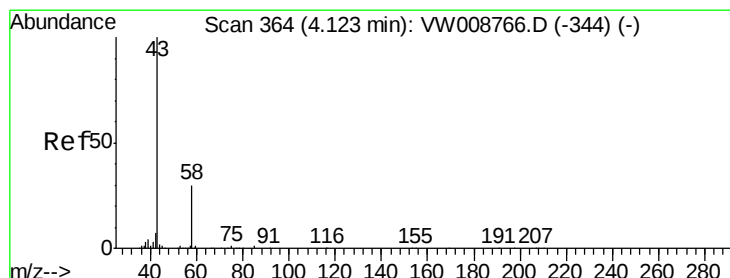
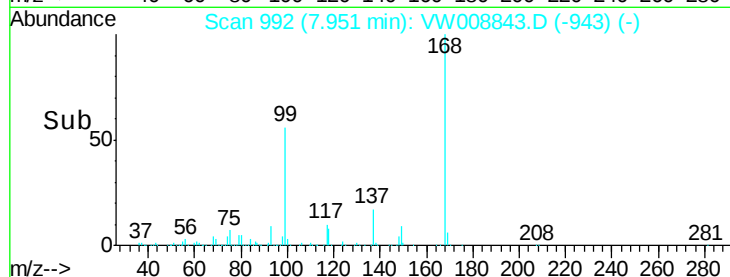
300000

200000

100000

0

Time--> 7.80 7.90 8.00 8.10



#16

Acetone

Concen: 71.266 ug/l

RT: 4.13 min Scan# 365

Delta R.T. 0.01 min

Lab File: VW008843.D

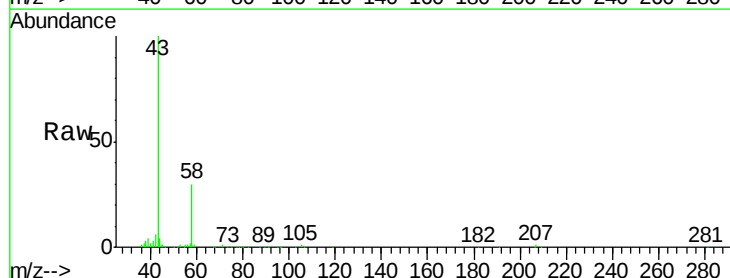
Acq: 26 Feb 2019 20:51

Tgt Ion: 43 Resp: 97952

Ion Ratio Lower Upper

43 100

58 30.1 23.8 35.6



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.13

40000

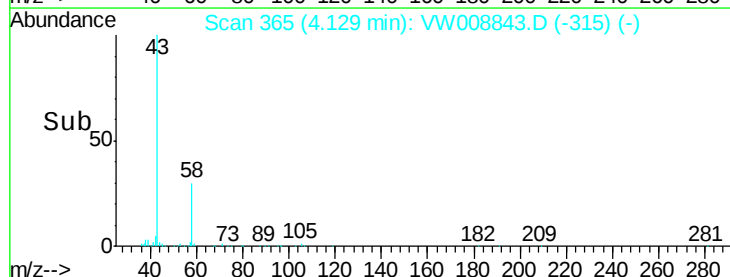
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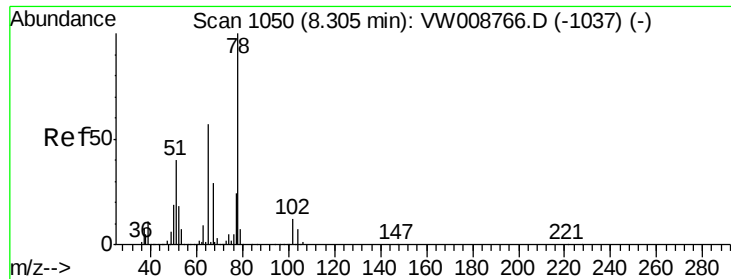
20000

10000

0

Time--> 4.00 4.10 4.20





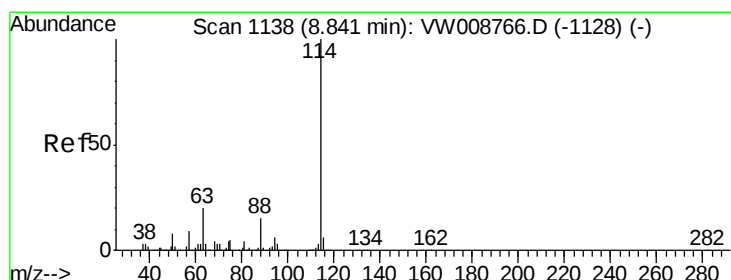
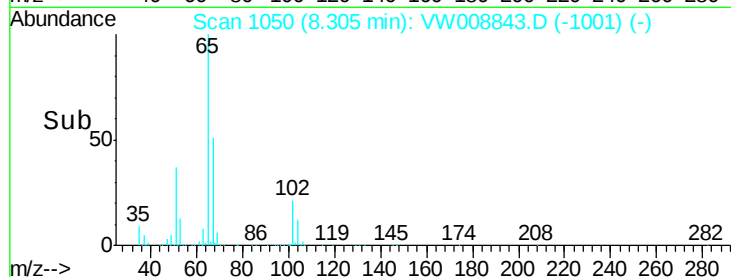
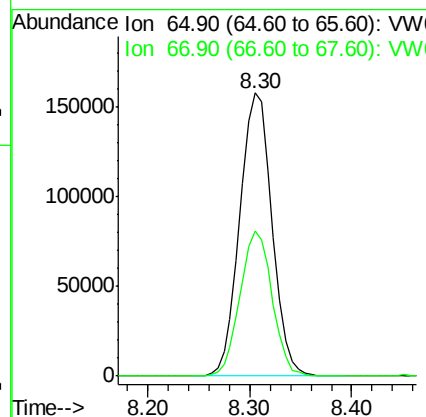
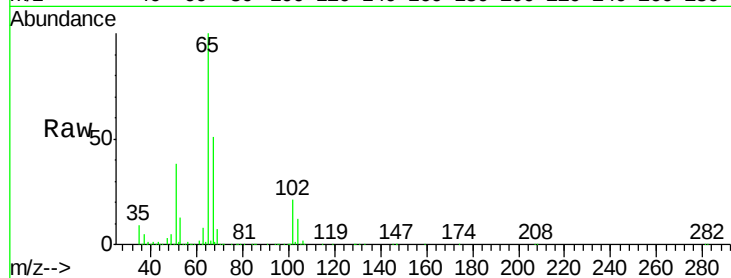
#33
 1,2-Dichloroethane-d4
 Concen: 58.481 ug/l
 RT: 8.30 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW008843.D
 Acq: 26 Feb 2019 20:51

Instrument :
 MSVOA_W
 ClientSampleId :
 B-9(4-5)

Tot Ion	Ratio	Resp	Lower	Upper
65	100			
67	51.0	0.0	101.4	

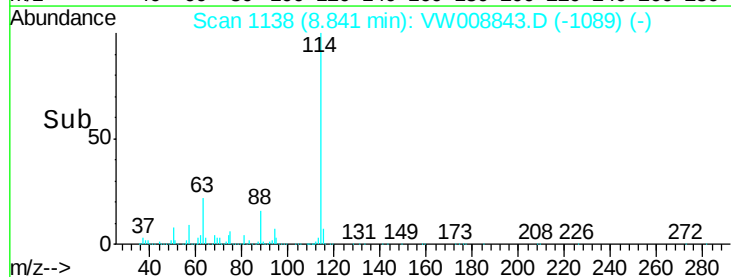
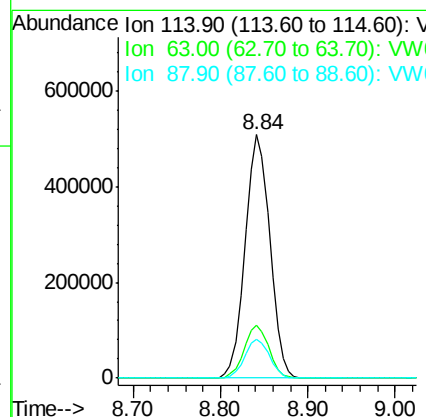
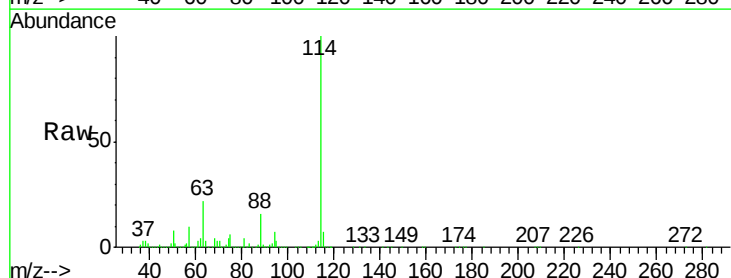
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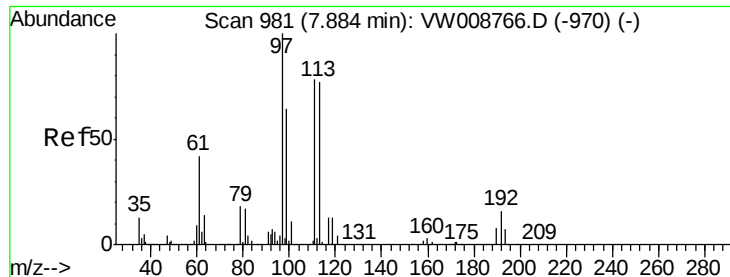
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW008843.D
 Acq: 26 Feb 2019 20:51

Tgt Ion	Ratio	Resp	Lower	Upper
114	100			
63	21.9	0.0	40.8	
88	15.9	0.0	30.4	





#35

Dibromofluoromethane

Concen: 49.889 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.00 min

Lab File: VW008843.D

Acq: 26 Feb 2019 20:51

Instrument :

MSVOA_W

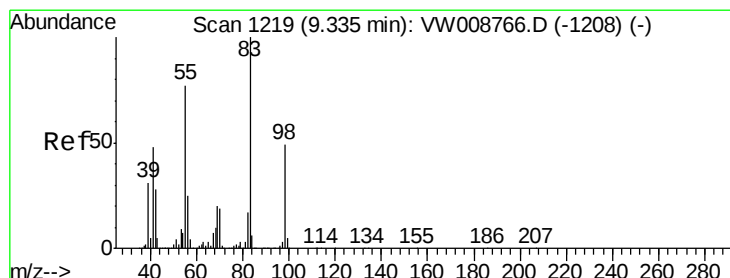
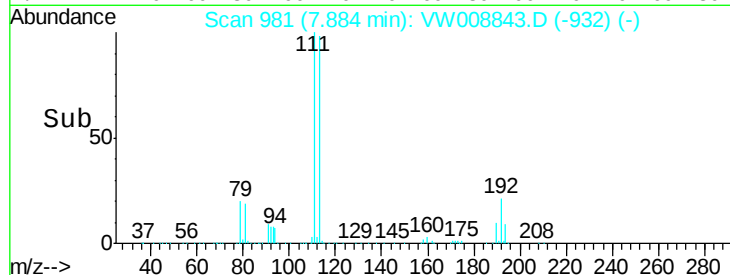
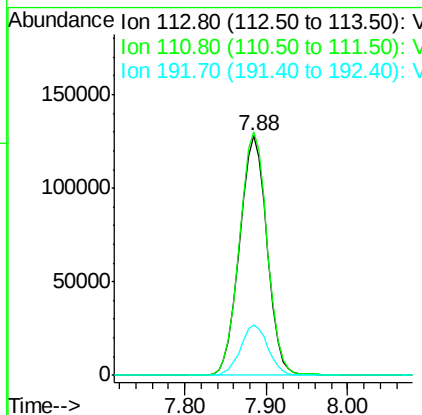
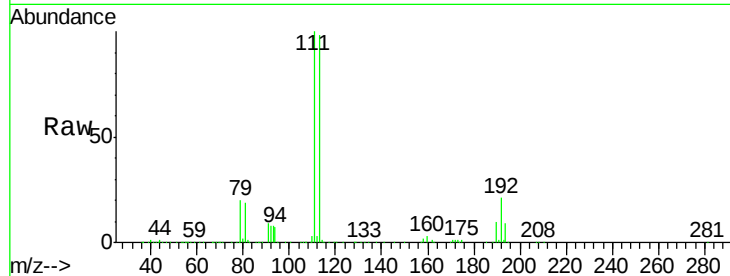
ClientSampleId :

B-9(4-5)

Tot Ion:	113	Resp:	298385
Ion Ratio	Lower	Upper	
113	100		
111	102.5	81.9	122.9
192	20.9	17.1	25.7

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#39

Methylcyclohexane

Concen: 1.000 ug/l

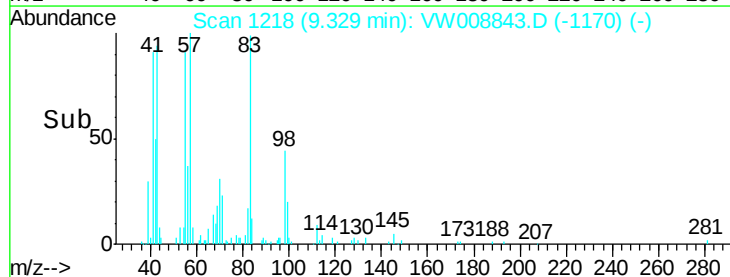
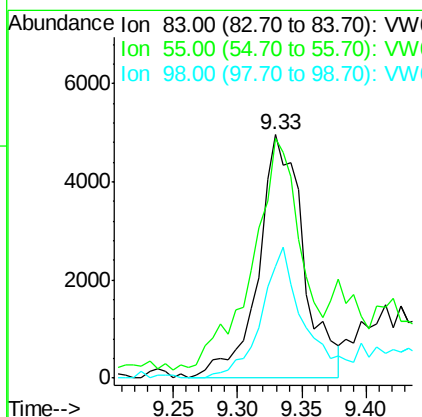
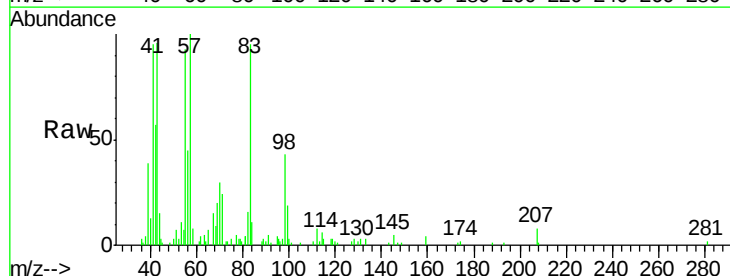
RT: 9.33 min Scan# 1218

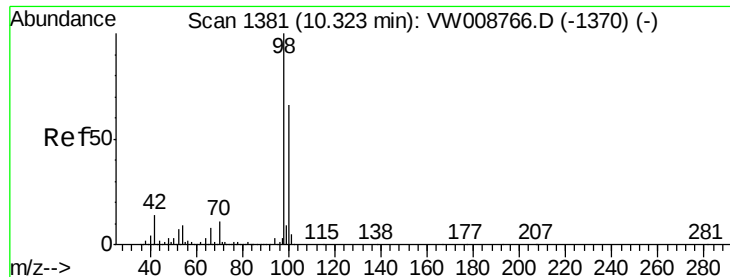
Delta R.T. -0.01 min

Lab File: VW008843.D

Acq: 26 Feb 2019 20:51

Tgt Ion:	83	Resp:	12101
Ion Ratio	Lower	Upper	
83	100		
55	93.6	61.2	91.8#
98	45.7	39.4	59.2





#50

Toluene-d8

Concen: 51.473 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW008843.D

Acq: 26 Feb 2019 20:51

Instrument :

MSVOA_W

ClientSampleId :

B-9(4-5)

Tot Ion: 98 Resp: 1188436

Ion Ratio Lower Upper

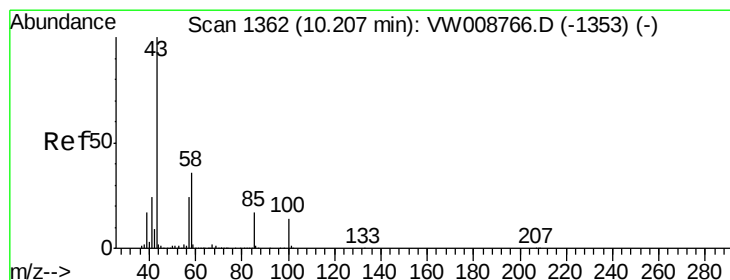
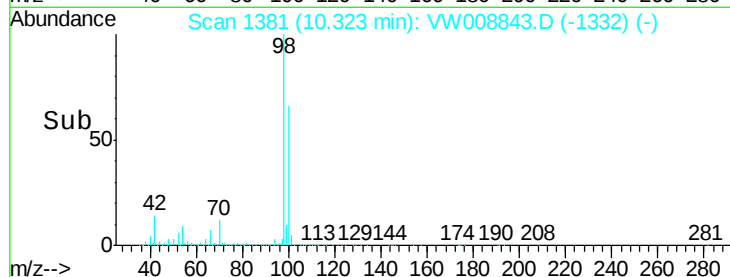
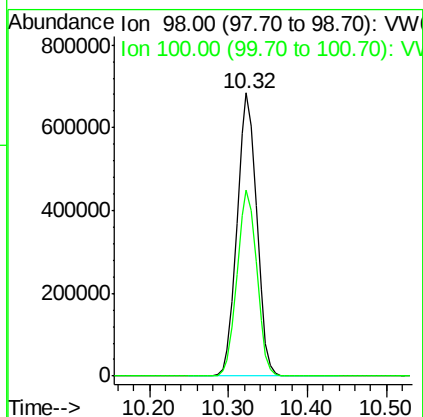
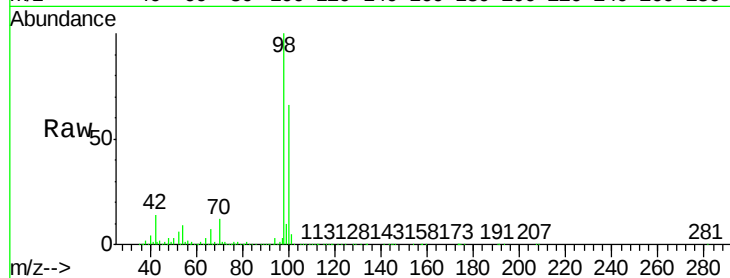
98 100

100 65.9 52.4 78.6

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2/27/2019 5:21:14 PM



#51

4-Methyl-2-Pentanone

Concen: 2.014 ug/l

RT: 10.21 min Scan# 1363

Delta R.T. 0.01 min

Lab File: VW008843.D

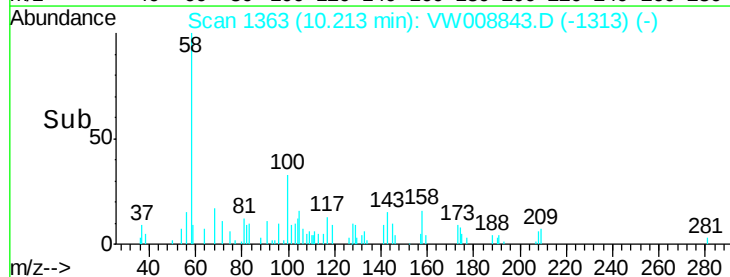
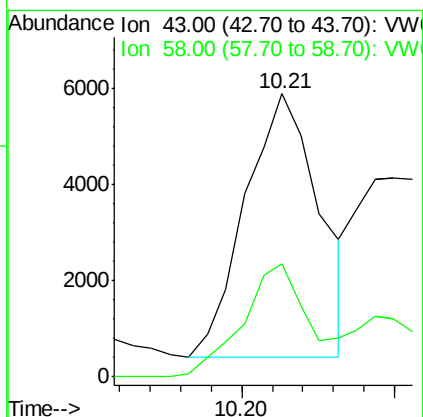
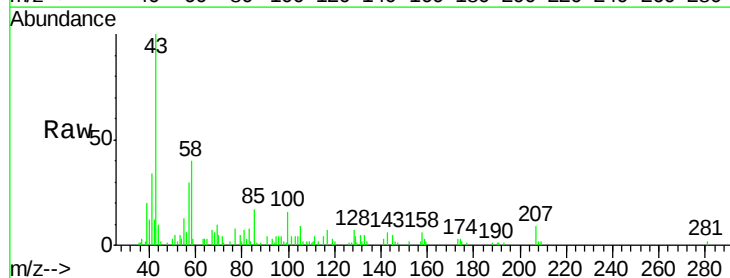
Acq: 26 Feb 2019 20:51

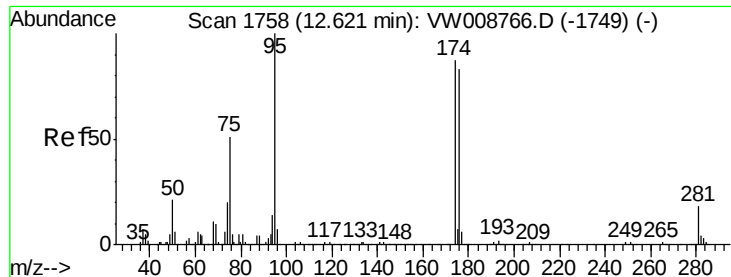
Tgt Ion: 43 Resp: 9204

Ion Ratio Lower Upper

43 100

58 38.8 29.1 43.7





#62

4-Bromofluorobenzene

Concen: 45.827 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW008843.D

Acq: 26 Feb 2019 20:51

Instrument :

MSVOA_W

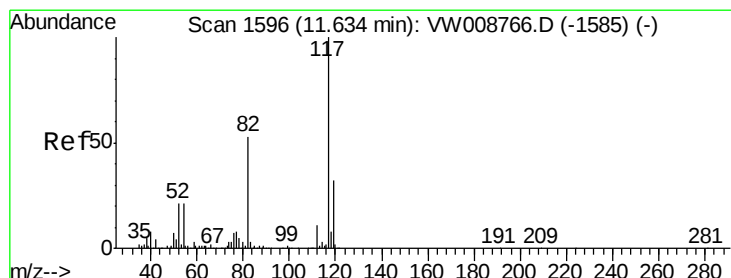
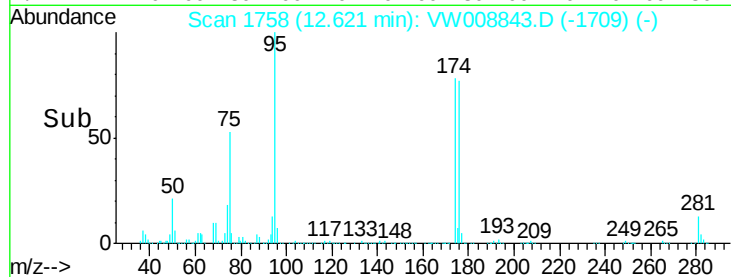
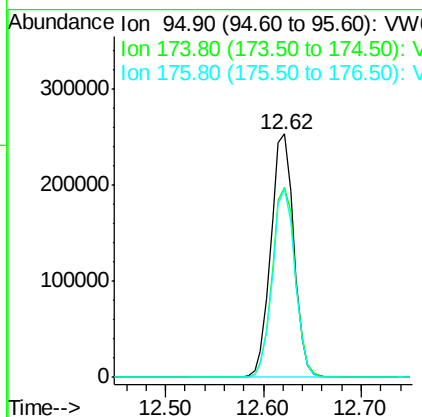
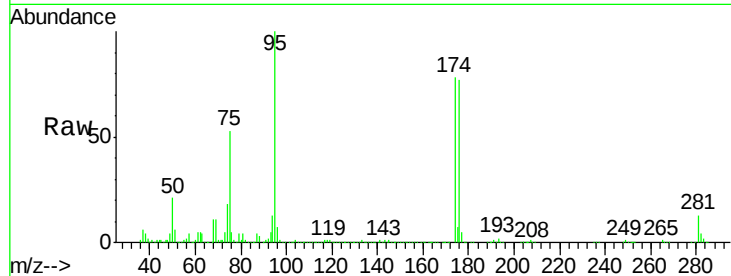
ClientSampleId :

B-9(4-5)

Tot Ion:	95	Resp:	414285
Ion Ratio	Lower	Upper	
95	100		
174	79.0	0.0	169.2
176	76.3	0.0	163.6

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#63

Chlorobenzene-d5

Concen: 50.000 ug/l

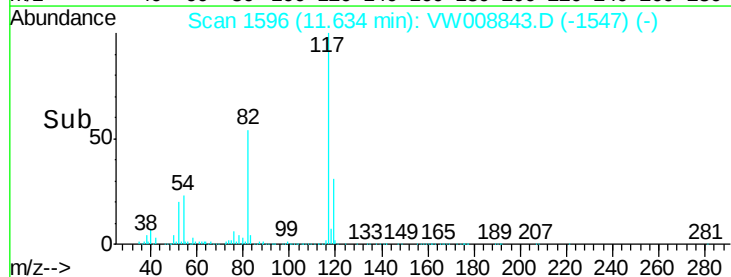
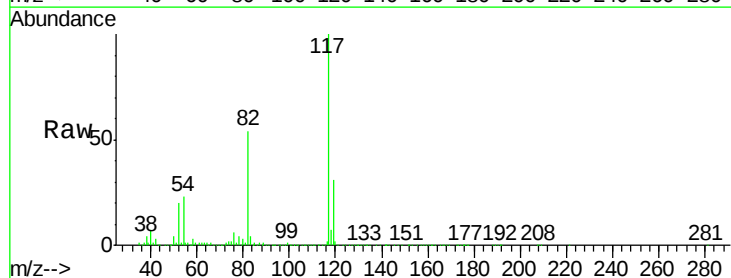
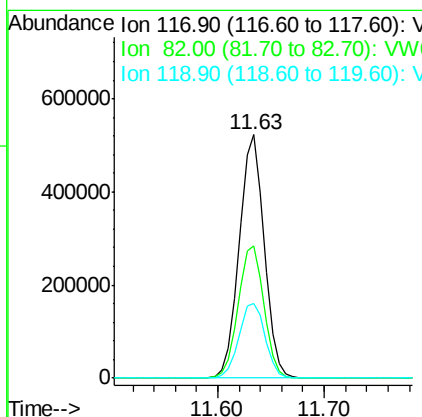
RT: 11.63 min Scan# 1596

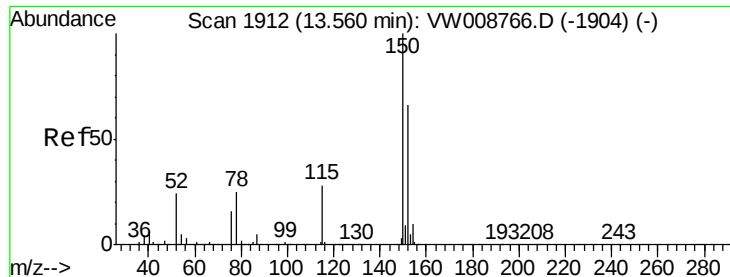
Delta R.T. -0.00 min

Lab File: VW008843.D

Acq: 26 Feb 2019 20:51

Tgt Ion:	117	Resp:	861229
Ion Ratio	Lower	Upper	
117	100		
82	54.4	42.2	63.4
119	30.6	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: VW008843.D

Acq: 26 Feb 2019 20:51

Instrument :

MSVOA_W

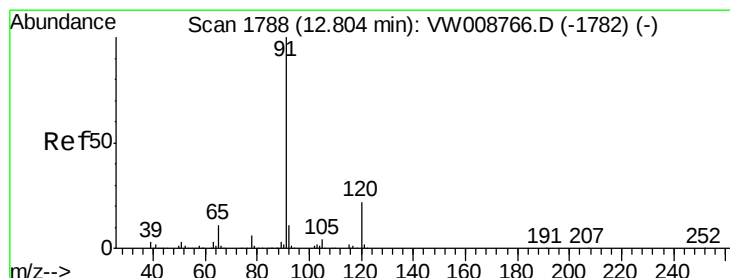
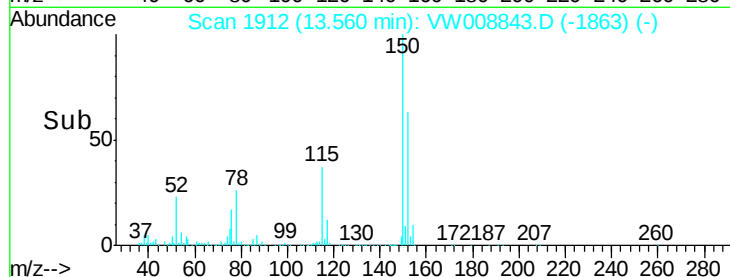
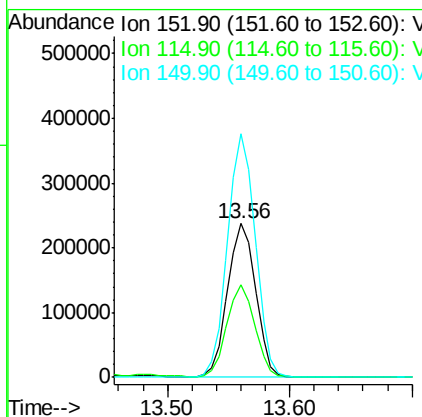
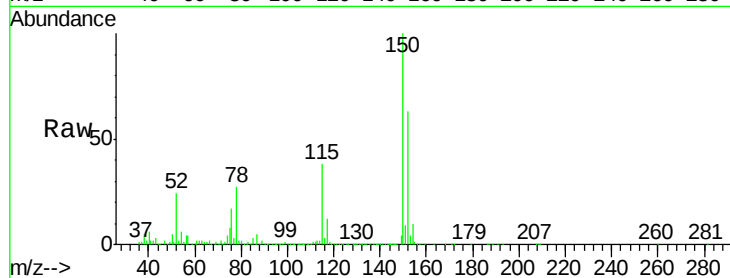
ClientSampleId :

B-9(4-5)

Tot Ion:	152	Resp:	378409
Ion	Ratio	Lower	Upper
152	100		
115	59.6	28.6	85.8
150	156.1	0.0	348.0

Manual Integrations
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#78

n-propylbenzene

Concen: 2.269 ug/l

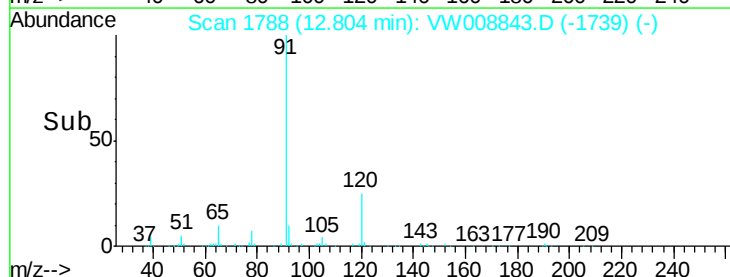
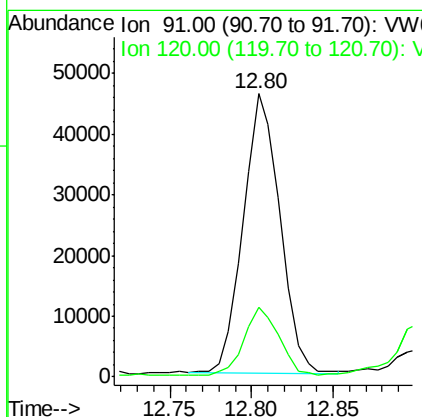
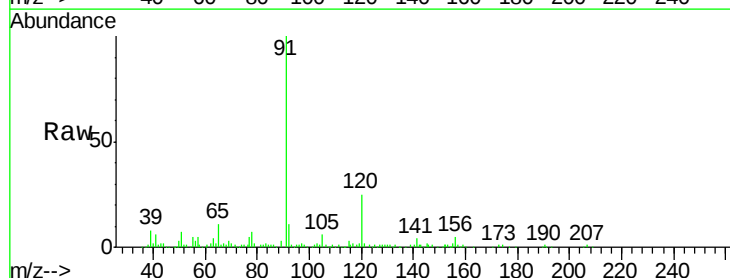
RT: 12.80 min Scan# 1788

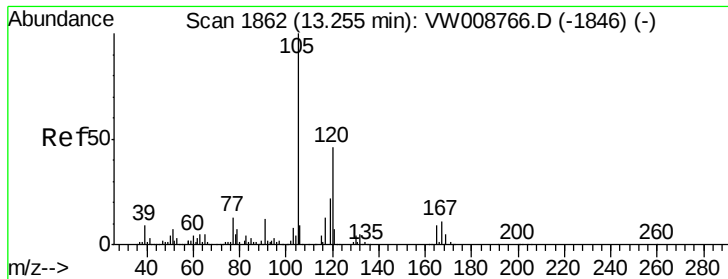
Delta R.T. -0.00 min

Lab File: VW008843.D

Acq: 26 Feb 2019 20:51

Tgt Ion:	91	Resp:	72014
Ion	Ratio	Lower	Upper
91	100		
120	23.8	11.5	34.4





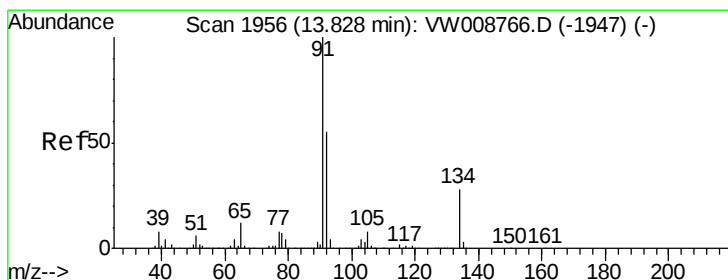
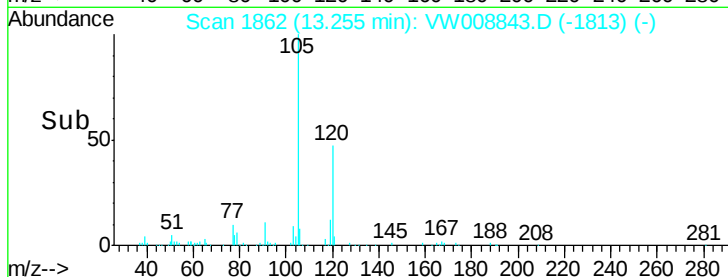
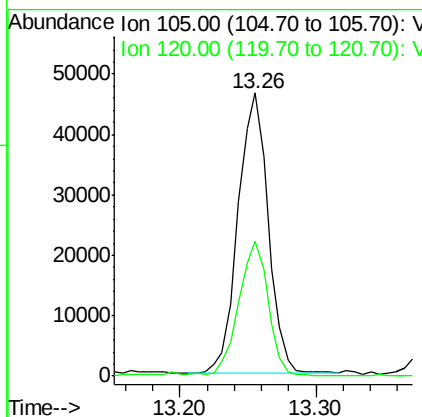
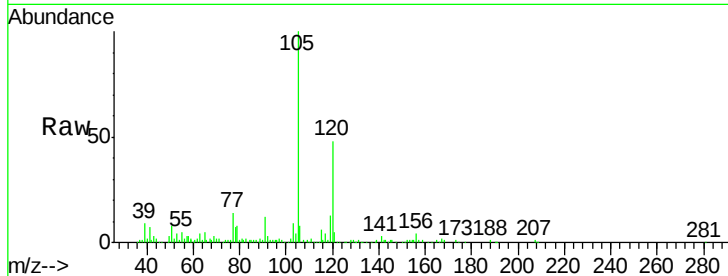
#84
 1,2,4-Trimethylbenzene
 Concen: 3.080 ug/l
 RT: 13.26 min Scan# 1862
 Delta R.T. -0.00 min
 Lab File: VW008843.D
 Acq: 26 Feb 2019 20:51

Instrument :
 MSVOA_W
 ClientSampled :
 B-9(4-5)

Tot Ion:105 Resp: 71867
 Ion Ratio Lower Upper
 105 100
 120 47.5 22.8 68.4

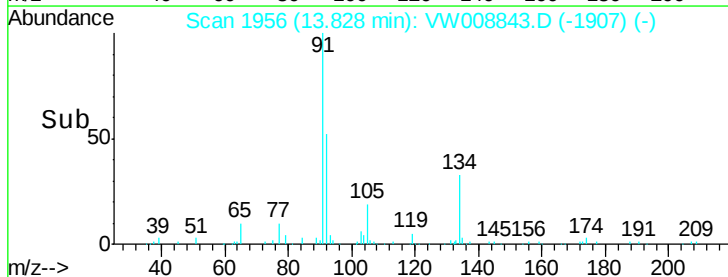
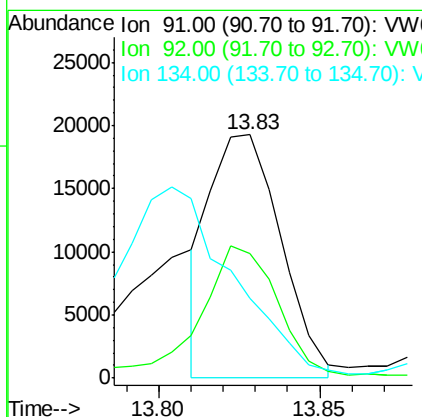
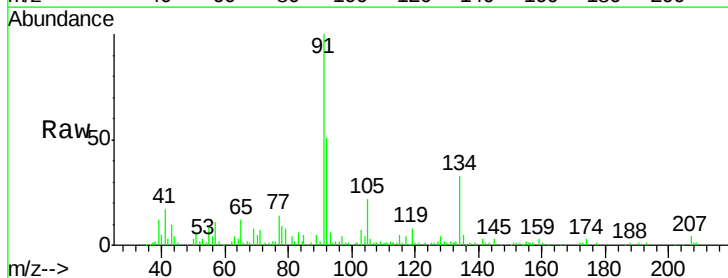
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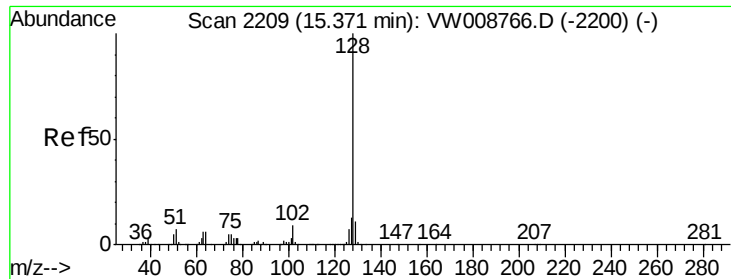
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#89
 n-Butylbenzene
 Concen: 1.229 ug/l m
 RT: 13.83 min Scan# 1956
 Delta R.T. -0.00 min
 Lab File: VW008843.D
 Acq: 26 Feb 2019 20:51

Tgt Ion: 91 Resp: 29592
 Ion Ratio Lower Upper
 91 100
 92 62.9 26.8 80.4
 134 0.0 13.5 40.4#





#95
Naphthalene
Concen: 2.746 ug/l
RT: 15.37 min Scan# 2209
Delta R.T. -0.00 min
Lab File: VW008843.D
Acq: 26 Feb 2019 20:51

Instrument :
MSVOA_W
ClientSampleId :
B-9(4-5)

Tot Ion	Ratio	Resp Lower	Upper
128	100		
127	14.6	10.8	16.2
129	12.3	8.7	13.1

Manual Integrations
APPROVED

MMDadoda
2/27/2019 5:21:14 PM

