

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW022819\
 Data File : VW008884.D
 Acq On : 28 Feb 2019 13:47
 Operator : SY/VA
 Sample : K1594-38RE
 Misc : 6.73G/5ML/MSVOA W/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 B-8(7.5-8.5)RE

Manual Integrations
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MMDadoda
 3/1/2019 2:57:08 PM

Quant Time: Mar 07 15:58:56 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	398885	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	749643	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	738559	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	349535	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	196574	52.54	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.08%	
35) Dibromofluoromethane	7.88	113	165204	36.70	ug/l	0.00
Spiked Amount 50.000			Recovery	=	73.40%	
50) Toluene-d8	10.32	98	2077488	119.57	ug/l	0.00
Spiked Amount 50.000			Recovery	=	239.14%	
62) 4-Bromofluorobenzene	12.62	95	596482	87.68	ug/l	0.00
Spiked Amount 50.000			Recovery	=	175.36%	
Target Compounds						
67) Ethyl Benzene	11.73	91	9757005	351.453	ug/l	99
68) m/p-Xylenes	11.85	106	3075320	277.248	ug/l	99
73) Isopropylbenzene	12.47	105	11569290	482.817	ug/l	98
78) n-propylbenzene	12.80	91	22356226m	762.721	ug/l	
80) 1,3,5-Trimethylbenzene	12.95	105	10532920	505.819	ug/l	98
84) 1,2,4-Trimethylbenzene	13.24	105	24291928m	1126.936	ug/l	
85) sec-Butylbenzene	13.39	105	5792652	223.742	ug/l #	61
86) p-Isopropyltoluene	13.51	119	2737637	115.346	ug/l	98
89) n-Butylbenzene	13.83	91	9776580m	439.689	ug/l	
95) Naphthalene	15.37	128	9847037	766.797	ug/l	98

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

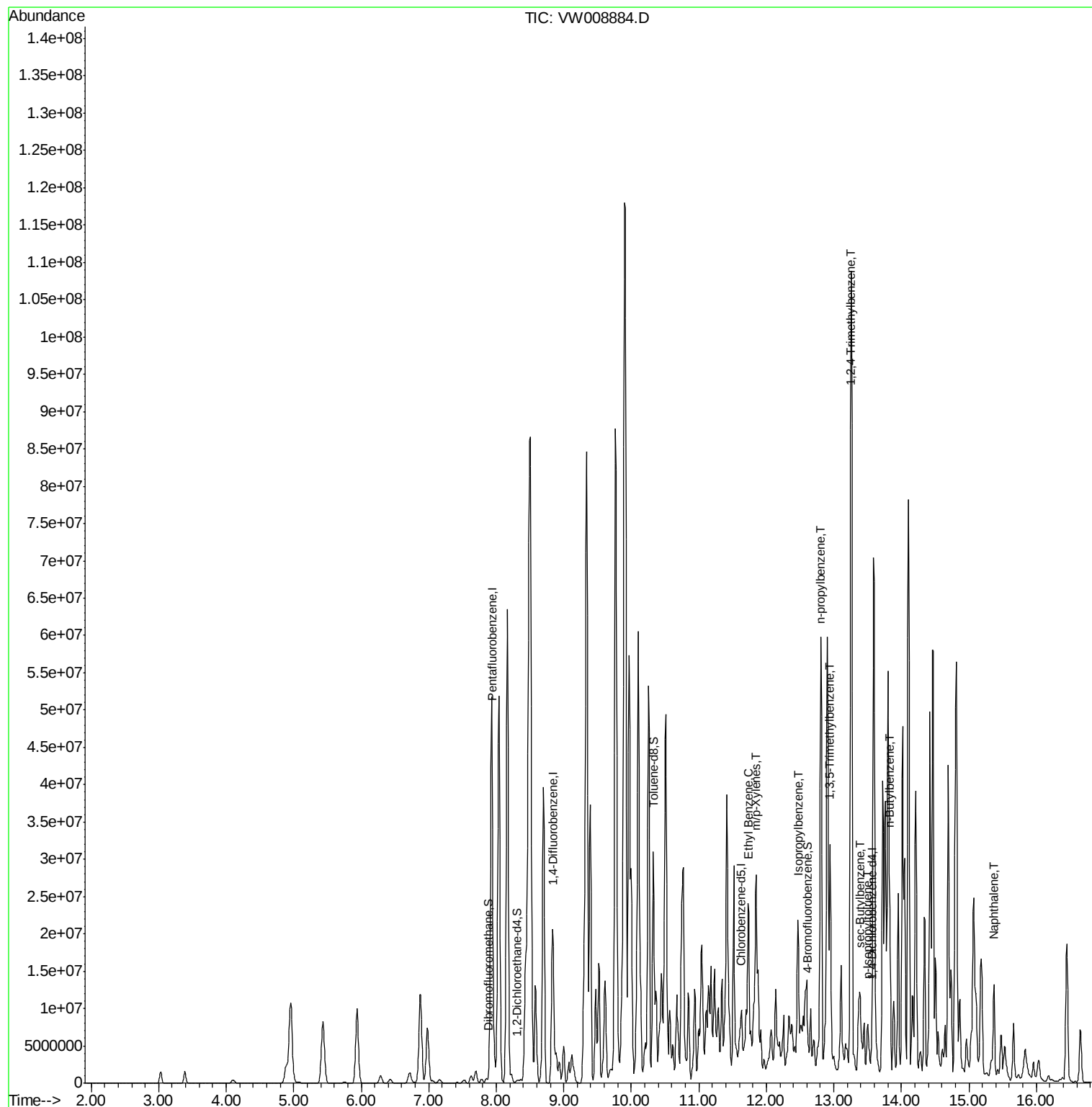
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Data File : VW008884.D
Acq On : 28 Feb 2019 13:47
Operator : SY/VA
Sample : K1594-38RE
Misc : 6.73G/5ML/MSVOA W/SOIL
ALS Vial : 8 Sample Multiplier: 1

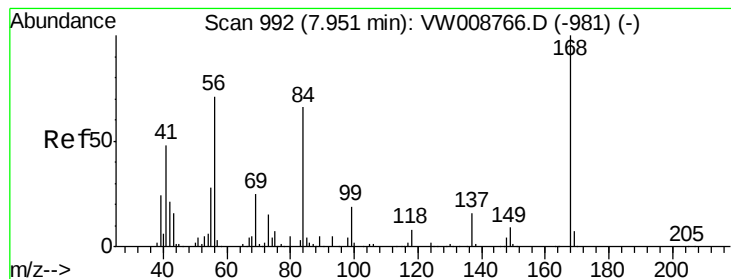
Instrument :
MSVOA_W
ClientSampleId :
B-8(7.5-8.5)RE

Manual Integrations
APPROVED

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3/1/2019 2:57:08 PM

Quant Time: Mar 07 15:58:56 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# 991

Delta R.T. -0.01 min

Lab File: VW008884.D

Acq: 28 Feb 2019 13:47

Instrument :

MSVOA_W

ClientSampleId :

B-8(7.5-8.5)RE

Tot Ion:168 Resp: 398885

Ion Ratio Lower Upper

168 100

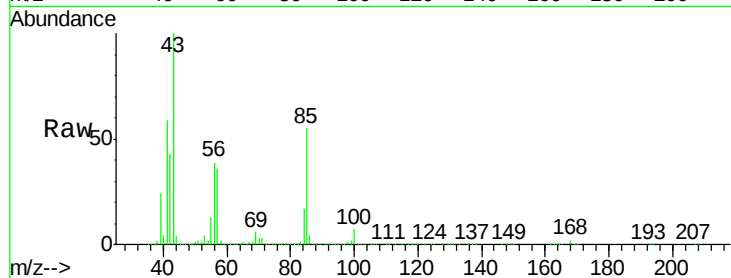
99 70.5 42.2 63.2#

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

200000

150000

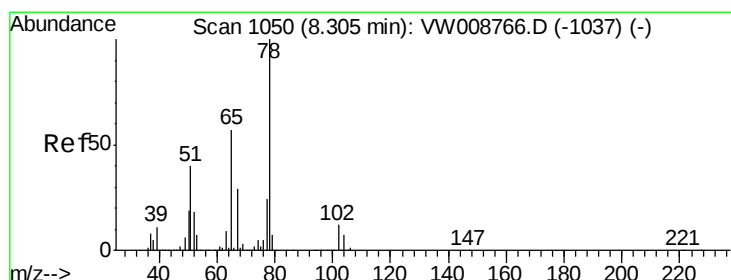
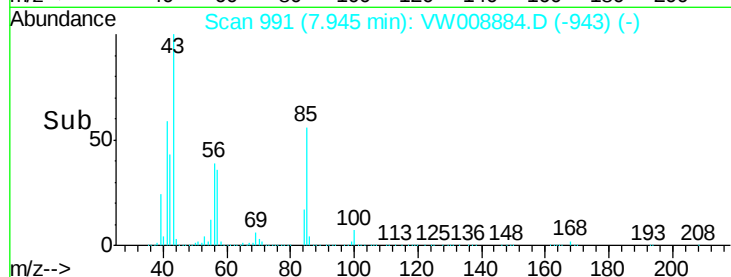
100000

50000

0

7.90 8.00

Time-->



#33

1,2-Dichloroethane-d4

Concen: 52.543 ug/l

RT: 8.30 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VW008884.D

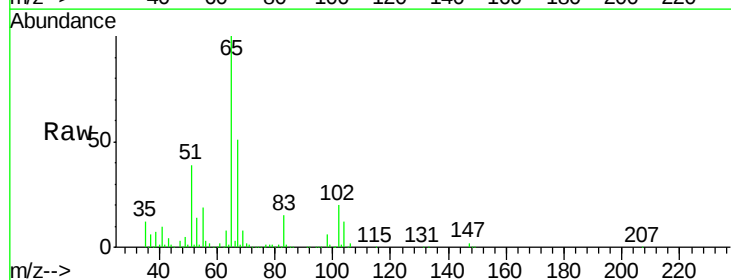
Acq: 28 Feb 2019 13:47

Tgt Ion: 65 Resp: 196574

Ion Ratio Lower Upper

65 100

67 59.2 0.0 101.4



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW

8.30

150000

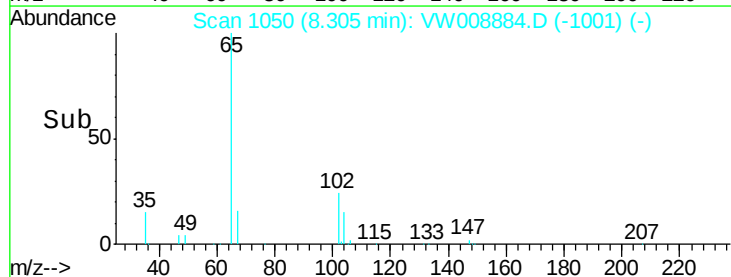
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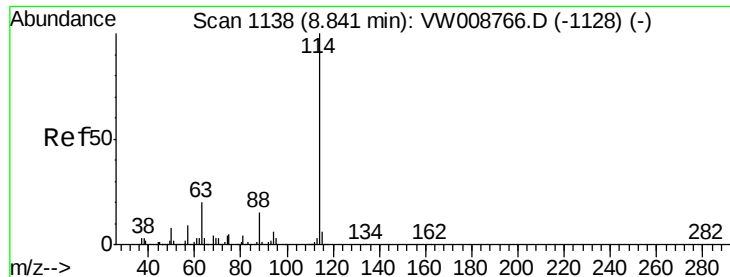
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0

8.20 8.25 8.30 8.35 8.40

Time-->





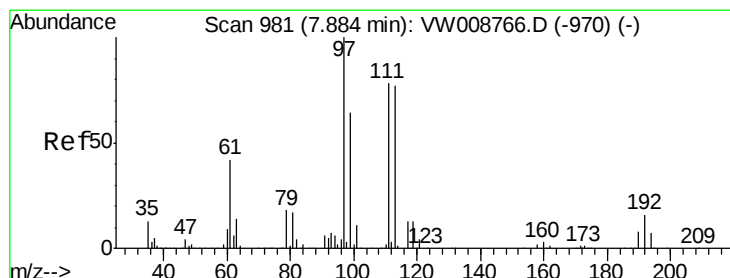
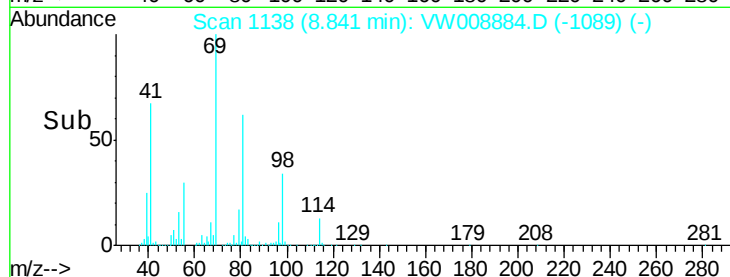
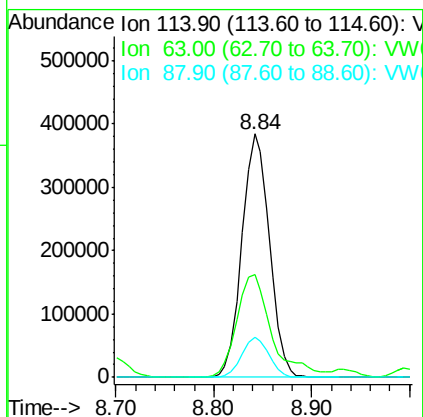
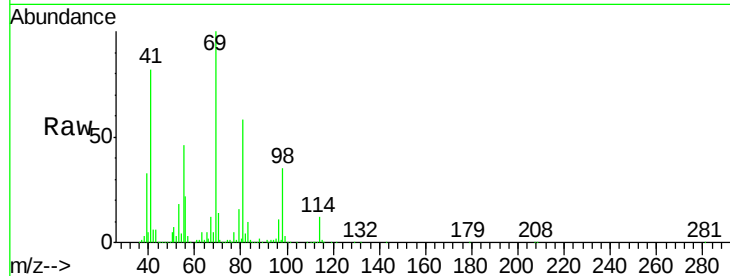
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW008884.D
 Acq: 28 Feb 2019 13:47

Instrument :
 MSVOA_W
 ClientSampleId :
 B-8(7.5-8.5)RE

Tot Ion	Ratio	Resp	Lower	Upper
114	100	749643		
63	42.0	0.0	40.8	
88	16.4	0.0	30.4	

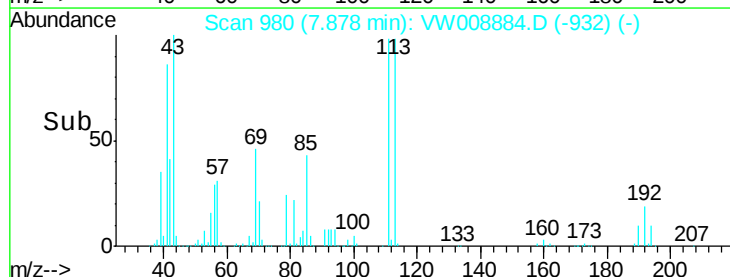
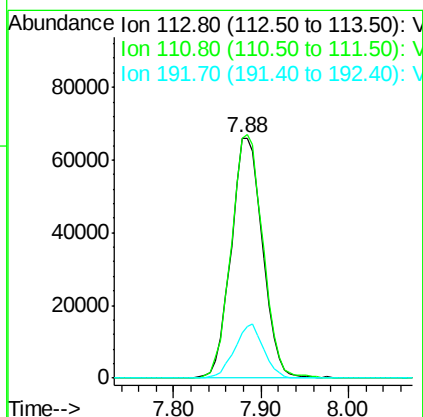
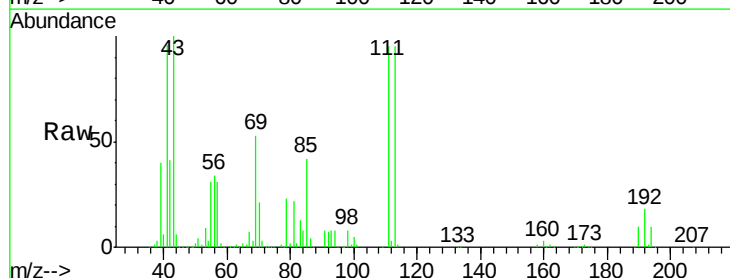
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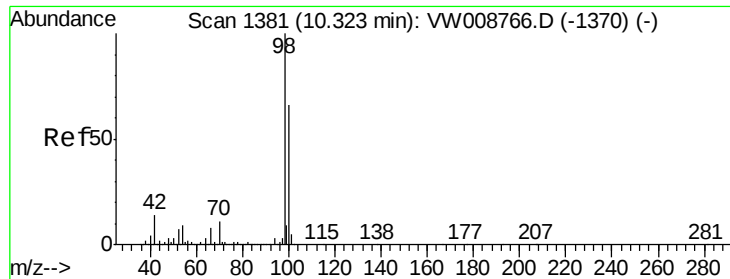
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#35
 Dibromofluoromethane
 Concen: 36.704 ug/l
 RT: 7.88 min Scan# 980
 Delta R.T. -0.01 min
 Lab File: VW008884.D
 Acq: 28 Feb 2019 13:47

Tgt Ion	Ratio	Resp	Lower	Upper
113	100	165204		
111	102.0	81.9	122.9	
192	20.6	17.1	25.7	





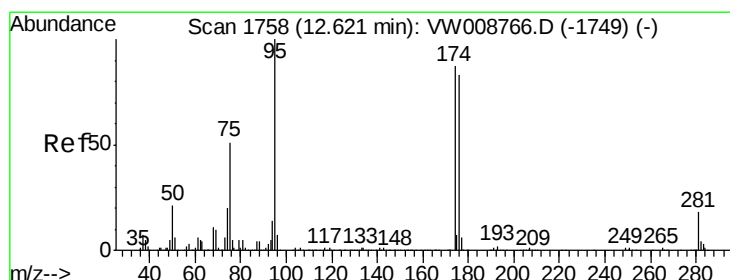
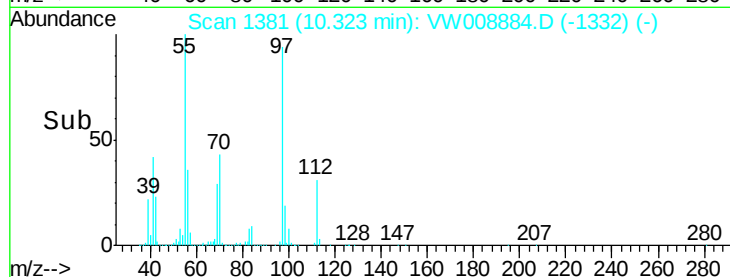
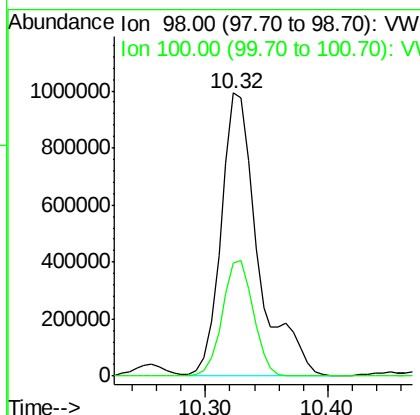
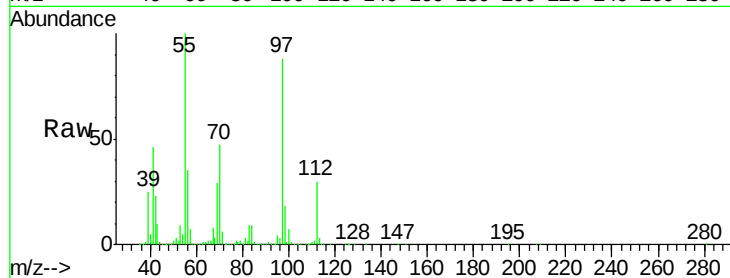
#50
Toluene-d8
Concen: 119.568 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW008884.D
Acq: 28 Feb 2019 13:47

Instrument :
MSVOA_W
ClientSampleId :
B-8(7.5-8.5)RE

Tot Ion: 98 Resp: 2077488
Ion Ratio Lower Upper
98 100
100 34.1 52.4 78.6#

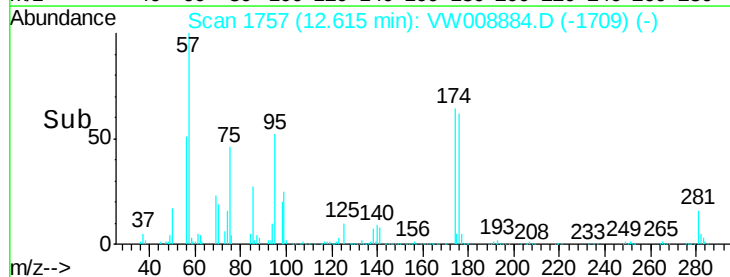
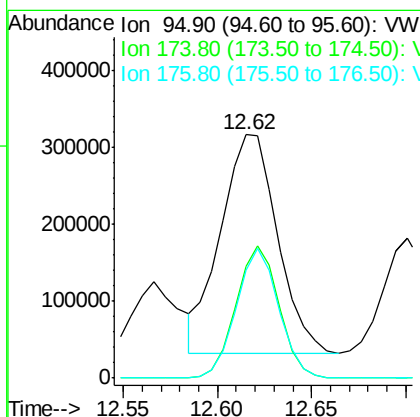
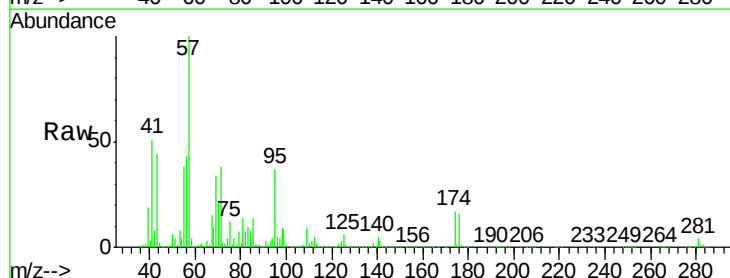
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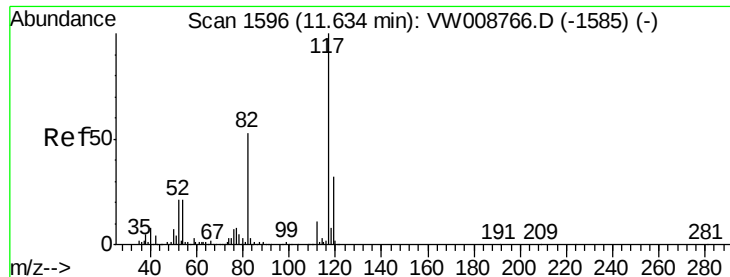
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#62
4-Bromofluorobenzene
Concen: 87.679 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. -0.01 min
Lab File: VW008884.D
Acq: 28 Feb 2019 13:47

Tgt Ion: 95 Resp: 596482
Ion Ratio Lower Upper
95 100
174 45.7 0.0 169.2
176 44.1 0.0 163.6





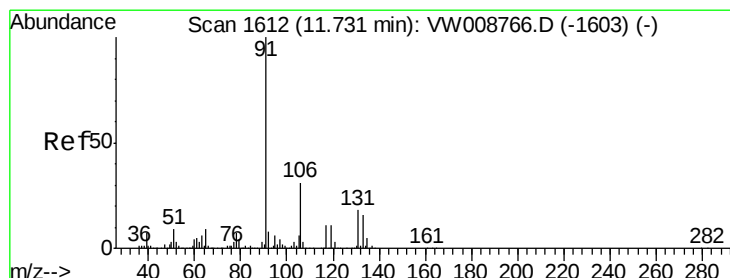
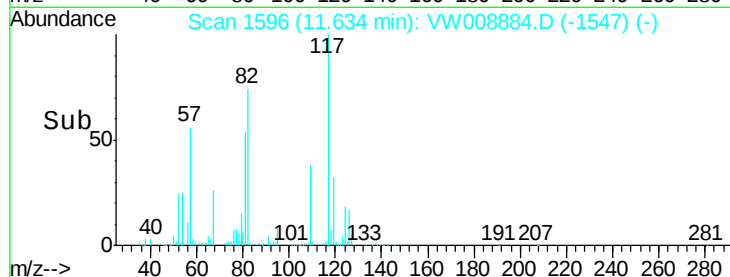
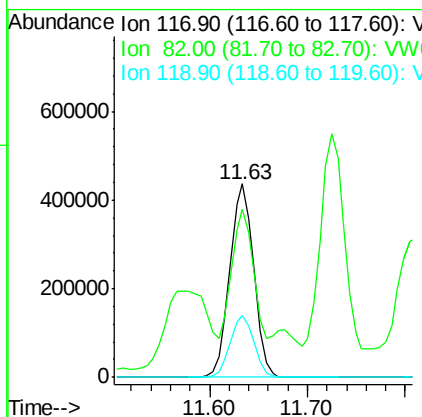
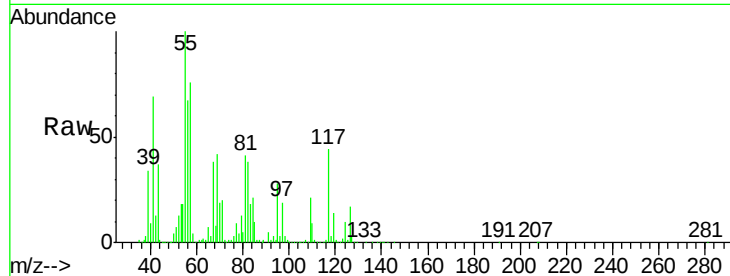
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW008884.D
Acq: 28 Feb 2019 13:47

Instrument :
MSVOA_W
ClientSampleId :
B-8(7.5-8.5)RE

Tot Ion	Ratio	Lower	Upper
117	100		
82	42.5	42.2	63.4
119	32.1	25.9	38.9

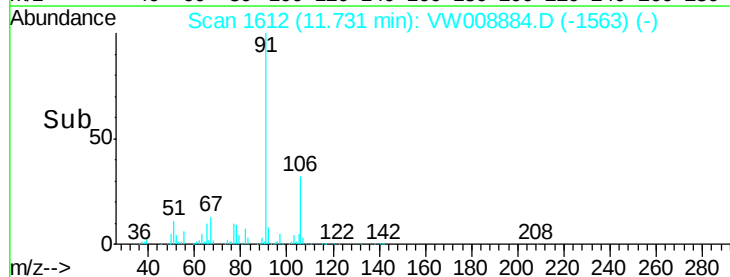
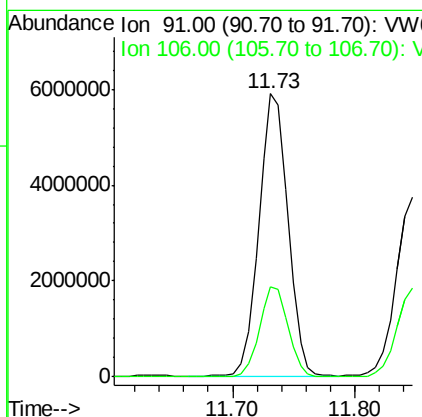
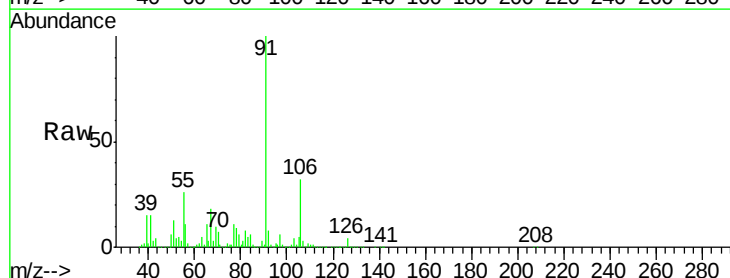
Manual Integrations
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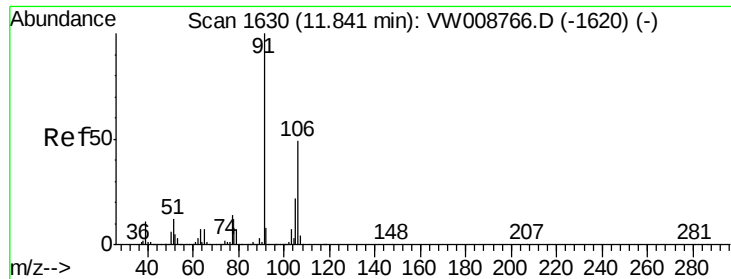
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#67
Ethyl Benzene
Concen: 351.453 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW008884.D
Acq: 28 Feb 2019 13:47

Tgt Ion	Ratio	Lower	Upper
91	100		
106	31.8	25.0	37.6





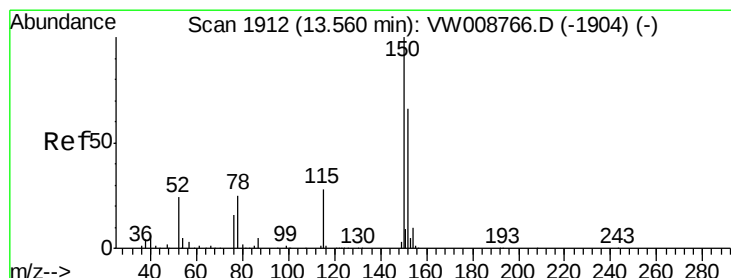
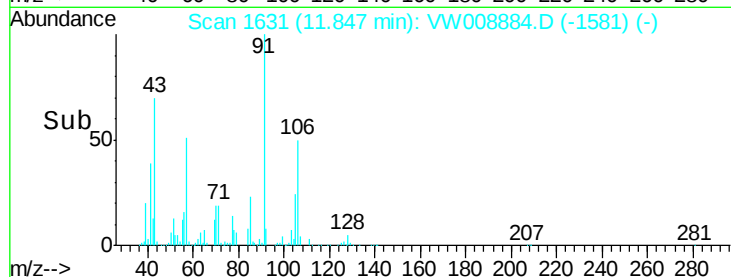
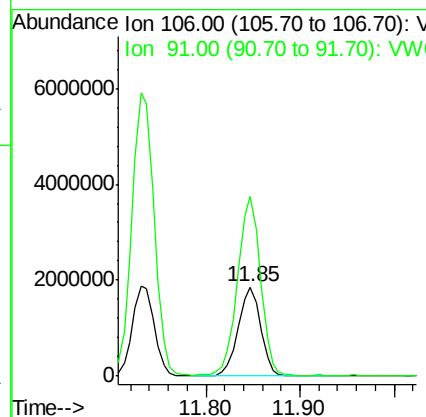
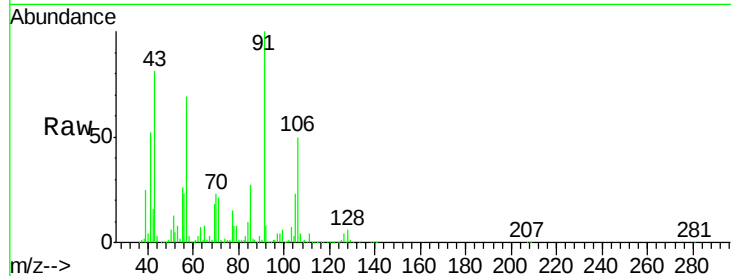
#68
m/p-Xvlenes
Concen: 277.248 ug/l
RT: 11.85 min Scan# 1631
Delta R.T. 0.01 min
Lab File: VW008884.D
Acq: 28 Feb 2019 13:47

Instrument :
MSVOA_W
ClientSampleId :
B-8(7.5-8.5)RE

Tot Ion:106 Resp: 3075320
Ion Ratio Lower Upper
106 100
91 204.2 161.5 242.3

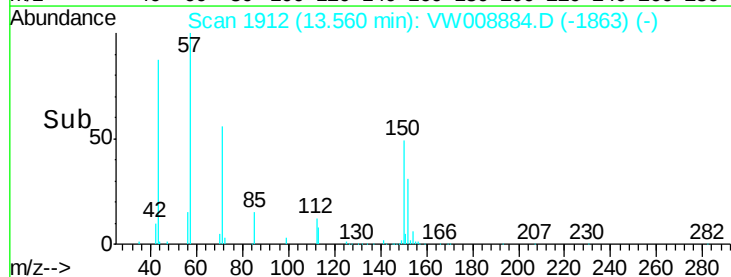
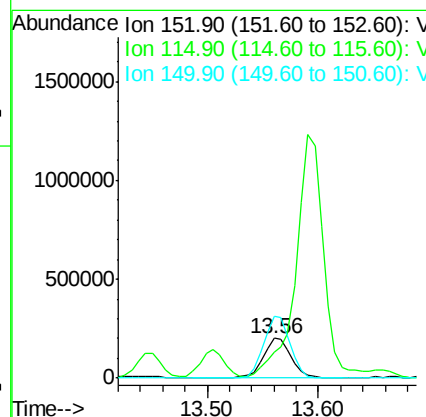
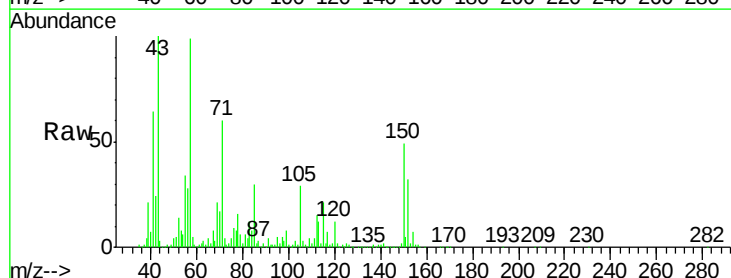
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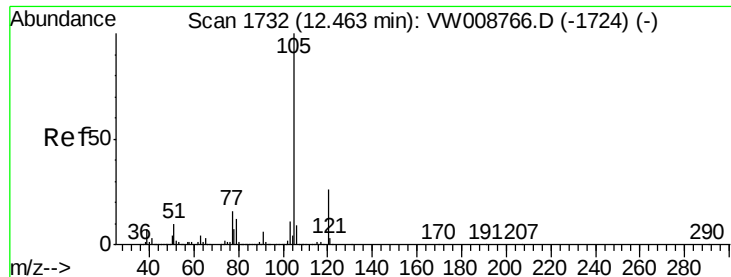
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3/1/2019 2:57:08 PM



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW008884.D
Acq: 28 Feb 2019 13:47

Tgt Ion:152 Resp: 349535
Ion Ratio Lower Upper
152 100
115 0.0 28.6 85.8#
150 147.9 0.0 348.0





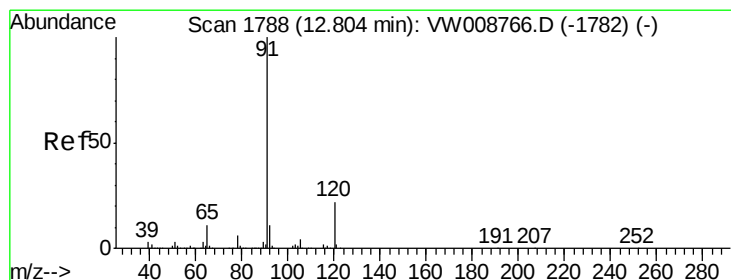
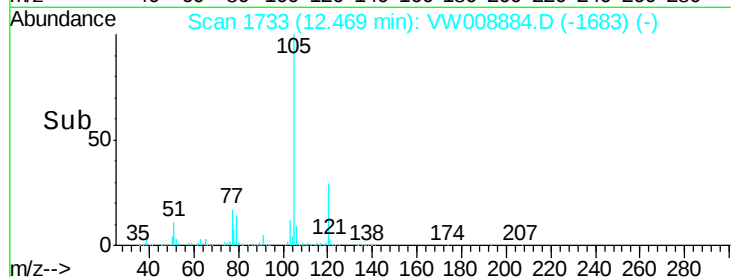
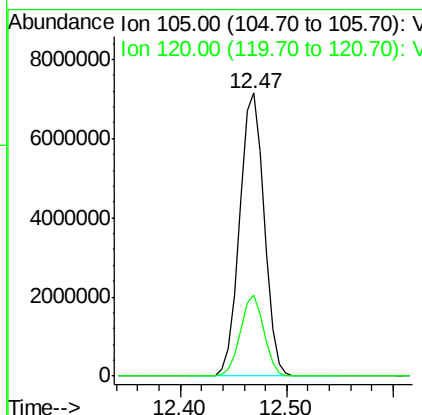
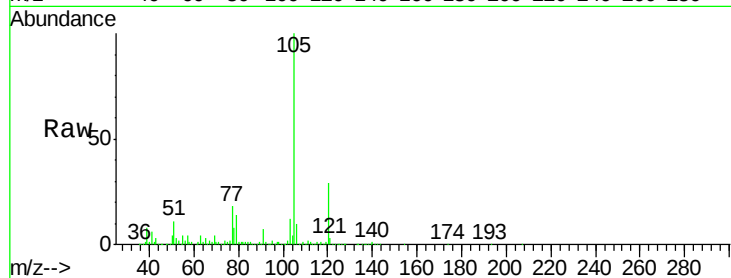
#73
Isopropylbenzene
Concen: 482.817 ug/l
RT: 12.47 min Scan# 1733
Delta R.T. 0.01 min
Lab File: VW008884.D
Acq: 28 Feb 2019 13:47

Instrument :
MSVOA_W
ClientSampleId :
B-8(7.5-8.5)RE

Tot Ion:105 Resp:11569290
Ion Ratio Lower Upper
105 100
120 27.5 13.3 39.9

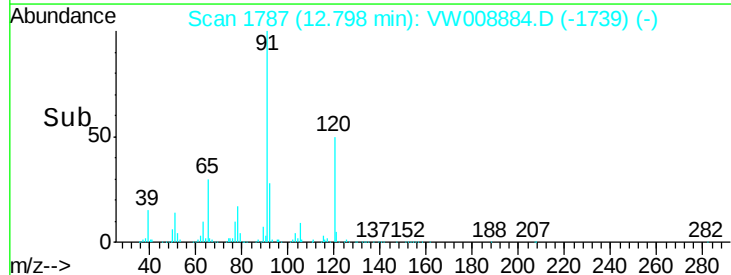
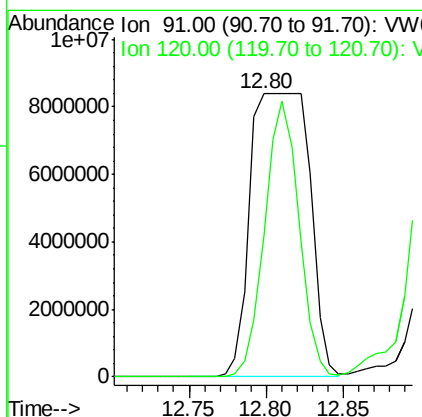
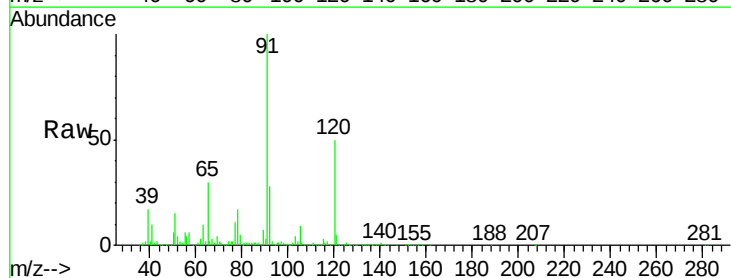
Manual Integrations
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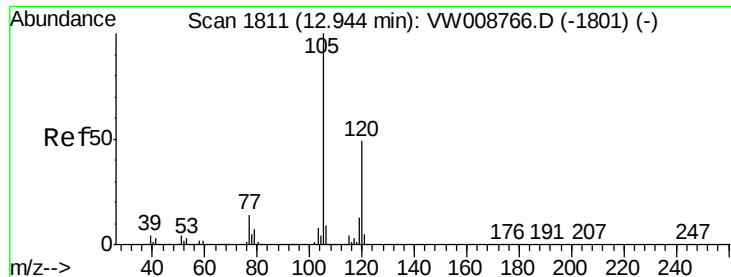
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3/1/2019 2:57:08 PM



#78
n-propylbenzene
Concen: 762.721 ug/l m
RT: 12.80 min Scan# 1787
Delta R.T. -0.01 min
Lab File: VW008884.D
Acq: 28 Feb 2019 13:47

Tgt Ion: 91 Resp:22356226
Ion Ratio Lower Upper
91 100
120 61.6 11.5 34.4#





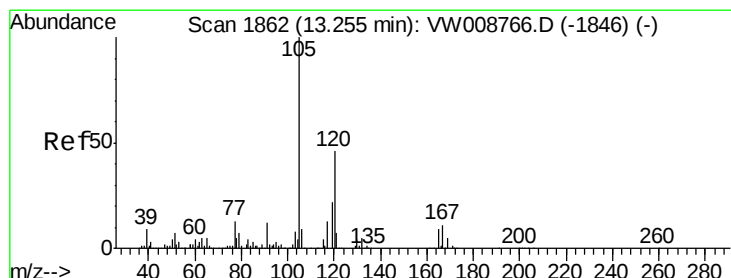
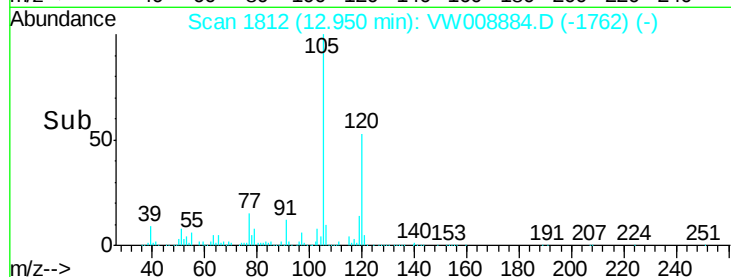
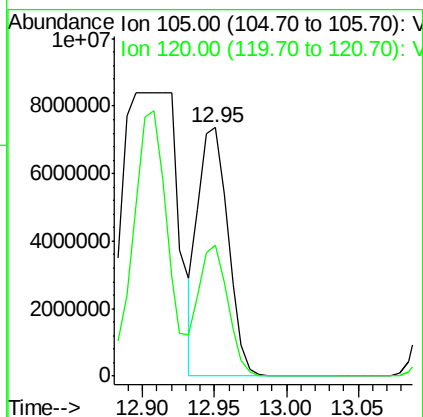
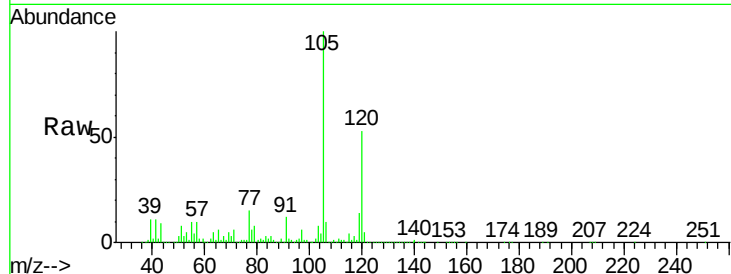
#80
 1,3,5-Trimethylbenzene
 Concen: 505.819 ug/l
 RT: 12.95 min Scan# 1812
 Delta R.T. 0.01 min
 Lab File: VW008884.D
 Acq: 28 Feb 2019 13:47

Instrument :
 MSVOA_W
 ClientSampleId :
 B-8(7.5-8.5)RE

Tot Ion:105 Resp:10532920
 Ion Ratio Lower Upper
 105 100
 120 51.2 24.8 74.4

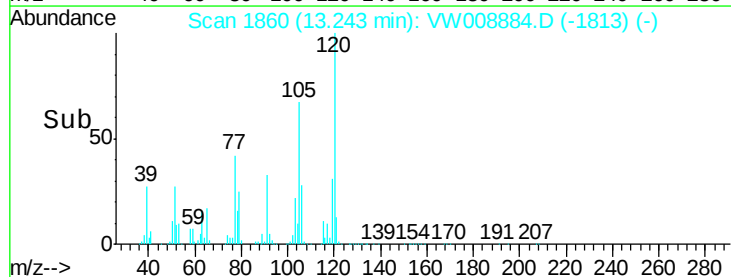
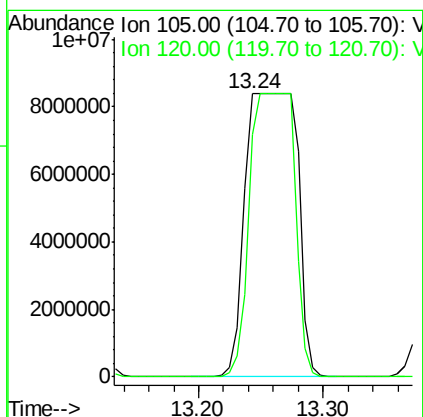
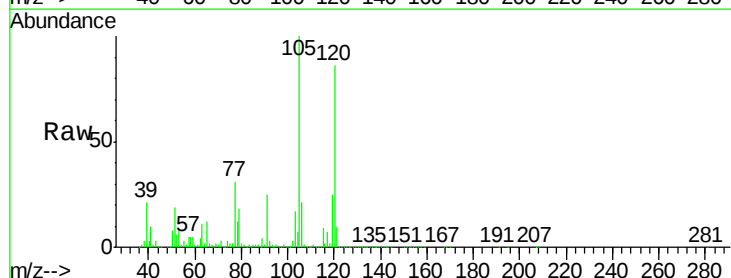
Manual Integrations
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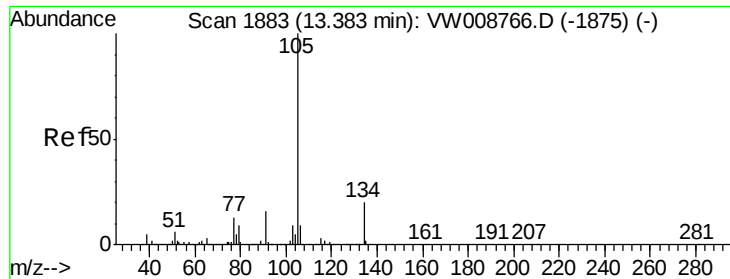
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#84
 1,2,4-Trimethylbenzene
 Concen: 1126.936 ug/l m
 RT: 13.24 min Scan# 1860
 Delta R.T. -0.01 min
 Lab File: VW008884.D
 Acq: 28 Feb 2019 13:47

Tgt Ion:105 Resp:24291928
 Ion Ratio Lower Upper
 105 100
 120 10.5 22.8 68.4#





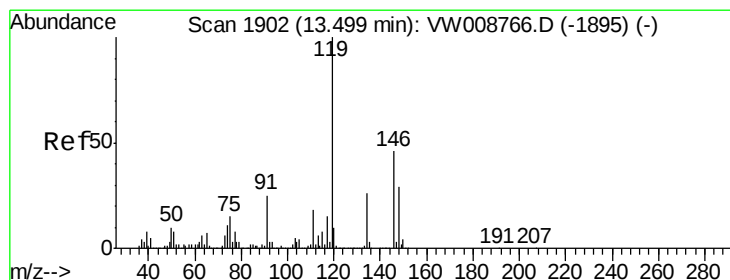
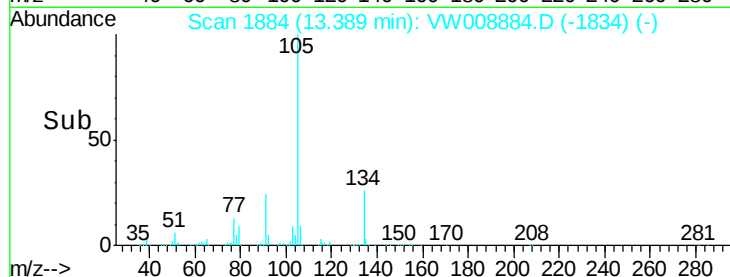
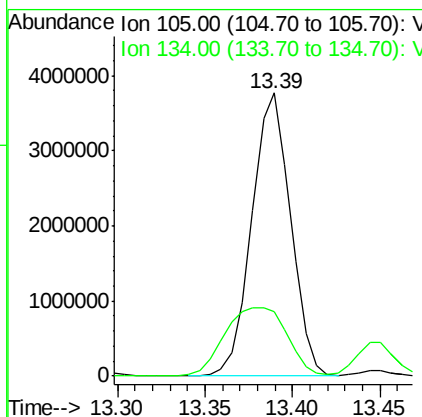
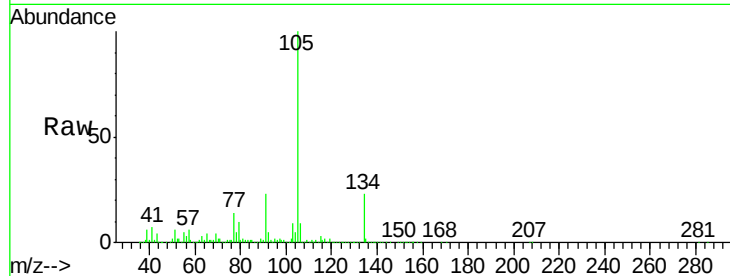
#85
 sec-Butylbenzene
 Concen: 223.742 ug/l
 RT: 13.39 min Scan# 1884
 Delta R.T. 0.01 min
 Lab File: VW008884.D
 Acq: 28 Feb 2019 13:47

Instrument :
 MSVOA_W
 ClientSampleId :
 B-8(7.5-8.5)RE

Tot Ion:105 Resp: 5792652
 Ion Ratio Lower Upper
 105 100
 134 38.9 10.4 31.1#

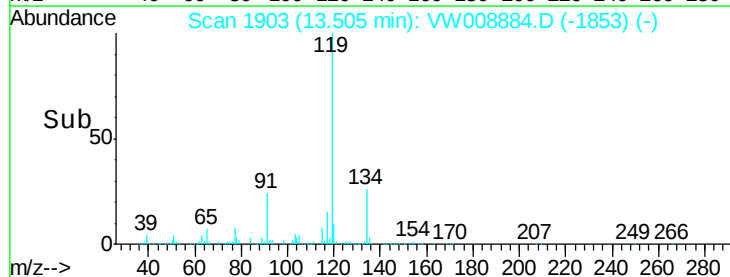
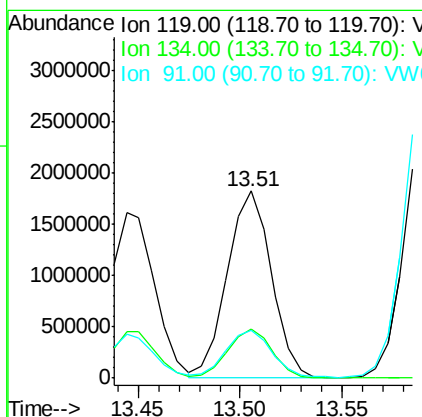
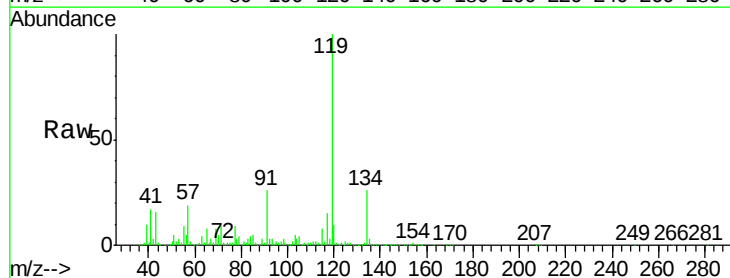
Manual Integrations
 APPROVED

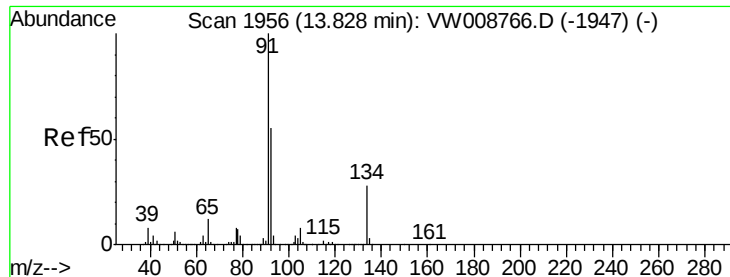
MMDadoda
 3/1/2019 2:57:08 PM



#86
 p-Isopropyltoluene
 Concen: 115.346 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. 0.01 min
 Lab File: VW008884.D
 Acq: 28 Feb 2019 13:47

Tgt Ion:119 Resp: 2737637
 Ion Ratio Lower Upper
 119 100
 134 26.4 13.1 39.3
 91 25.6 12.1 36.3





#89

n-Butylbenzene

Concen: 439.689 ug/l m

RT: 13.83 min Scan# 1956

Delta R.T. -0.00 min

Lab File: VW008884.D

Acq: 28 Feb 2019 13:47

Instrument :

MSVOA_W

ClientSampleId :

B-8(7.5-8.5)RE

Tot Ion: 91 Resp: 9776580

Ion Ratio Lower Upper

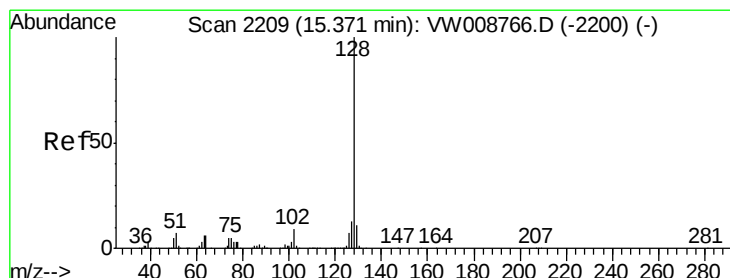
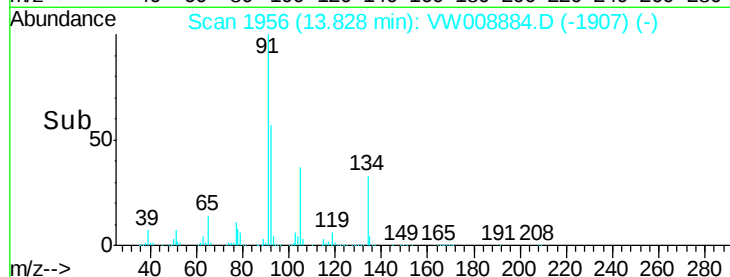
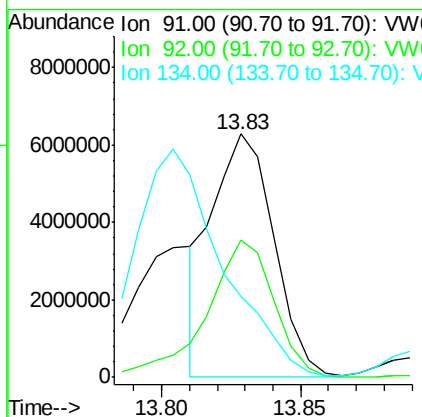
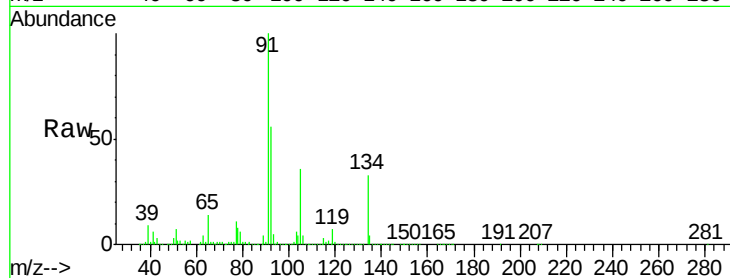
91 100

92 60.8 26.8 80.4

134 0.0 13.5 40.4#

Manual Integrations
APPROVED

MMDadoda
3/1/2019 2:57:08 PM



#95

Naphthalene

Concen: 766.797 ug/l

RT: 15.37 min Scan# 2209

Delta R.T. -0.00 min

Lab File: VW008884.D

Acq: 28 Feb 2019 13:47

Tgt Ion: 128 Resp: 9847037

Ion Ratio Lower Upper

128 100

127 14.3 10.8 16.2

129 11.4 8.7 13.1

