

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW081919\
 Data File : VW012001.D
 Acq On : 19 Aug 2019 20:28
 Operator : SY/VA
 Sample : K4391-06
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 N-WALL-0

Manual Integrations
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 8/20/2019 9:55:33 AM

Quant Time: Aug 20 05:54:44 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W072719S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jul 27 00:23:30 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	277370	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	459754	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	367776	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	159272	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	175760	55.18	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.36%	
35) Dibromofluoromethane	7.88	113	139542	54.10	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.20%	
50) Toluene-d8	10.32	98	563043	53.32	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.64%	
62) 4-Bromofluorobenzene	12.62	95	287762	76.43	ug/l	0.00
Spiked Amount 50.000			Recovery	=	152.86%	
Target Compounds						
17) Carbon Disulfide	4.38	76	46586	5.153	ug/l	100
73) Isopropylbenzene	12.46	105	28099	2.365	ug/l	98
78) n-propylbenzene	12.80	91	51356	3.551	ug/l	90
80) 1,3,5-Trimethylbenzene	12.94	105	31640	3.177	ug/l	98
83) tert-Butylbenzene	13.21	119	77916	9.355	ug/l	98
84) 1,2,4-Trimethylbenzene	13.25	105	33923	3.381	ug/l	100
85) sec-Butylbenzene	13.38	105	133106	11.200	ug/l #	54
86) p-Isopropyltoluene	13.50	119	13916m	1.291	ug/l	

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

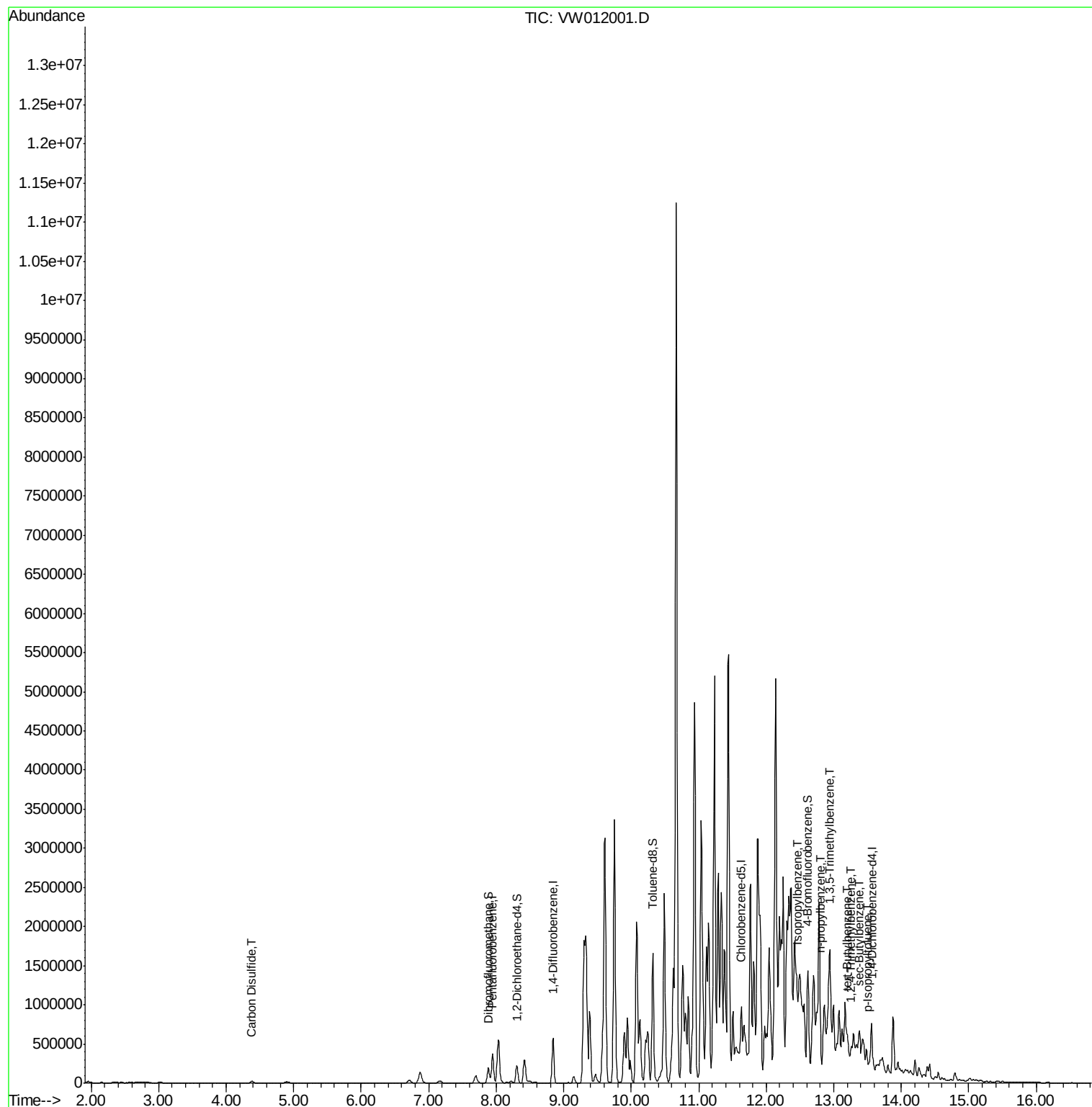
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW081919\
Data File : VW012001.D
Acq On : 19 Aug 2019 20:28
Operator : SY/VA
Sample : K4391-06
Misc : 5.00G/5ML/MSVOA W/SOIL
ALS Vial : 28 Sample Multiplier: 1

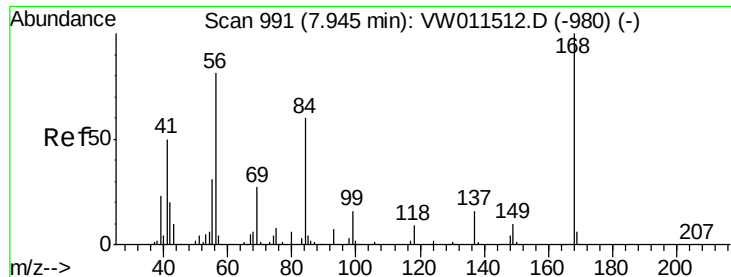
Instrument :
MSVOA_W
ClientSampleId :
N-WALL-0

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Quant Time: Aug 20 05:54:44 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W072719S.M
Quant Title : SW846 8260
QLast Update : Sat Jul 27 00:23:30 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. 0.00 min

Lab File: VW012001.D

Acq: 19 Aug 2019 20:28

Instrument :

MSVOA_W

ClientSampled :

N-WALL-0

Tot Ion:168 Resp: 277370

Ion Ratio Lower Upper

168 100

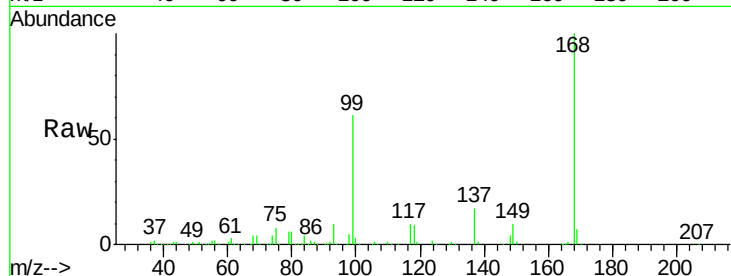
99 60.9 48.2 72.4

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Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW

7.95

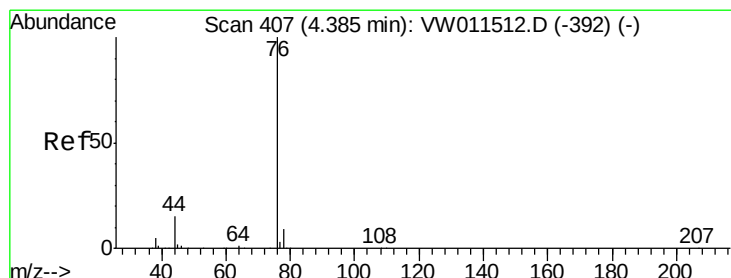
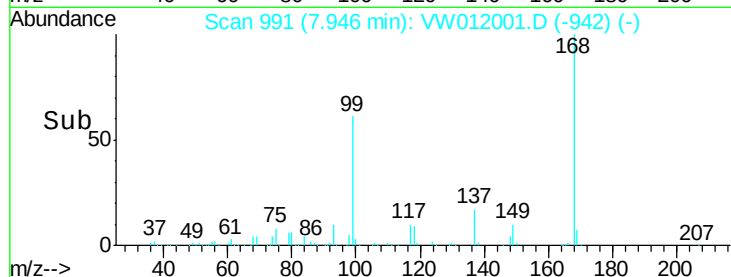
150000

100000

50000

0

Time-->



#17

Carbon Disulfide

Concen: 5.153 ug/l

RT: 4.38 min Scan# 406

Delta R.T. -0.01 min

Lab File: VW012001.D

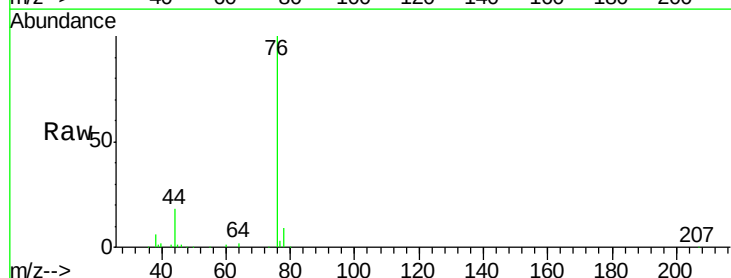
Acq: 19 Aug 2019 20:28

Tgt Ion: 76 Resp: 46586

Ion Ratio Lower Upper

76 100

78 8.8 7.1 10.7



Abundance Ion 75.90 (75.60 to 76.60): VW

Ion 77.90 (77.60 to 78.60): VW

4.38

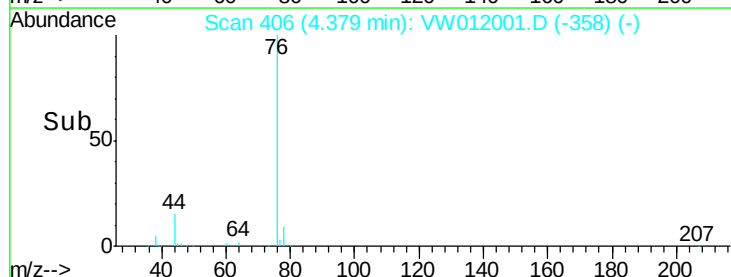
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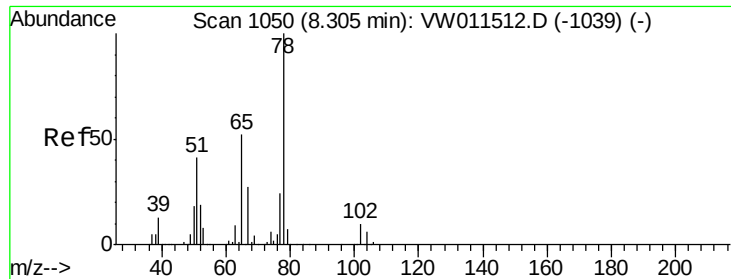
10000

5000

0

Time-->





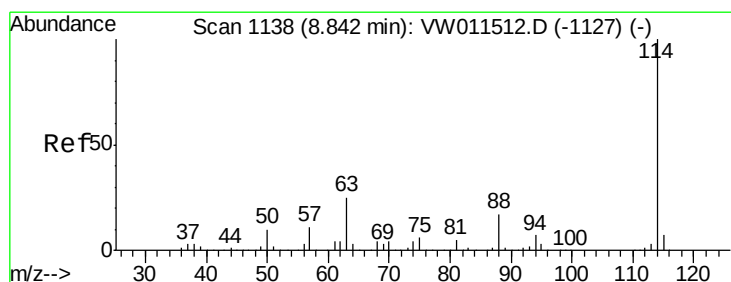
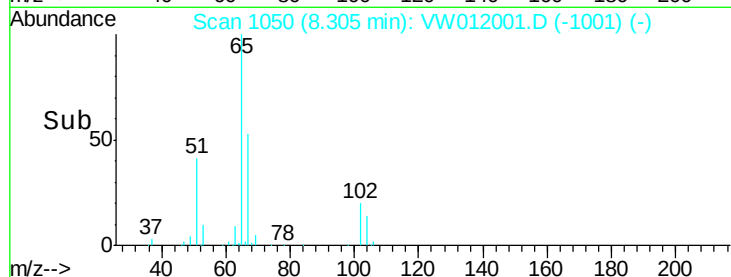
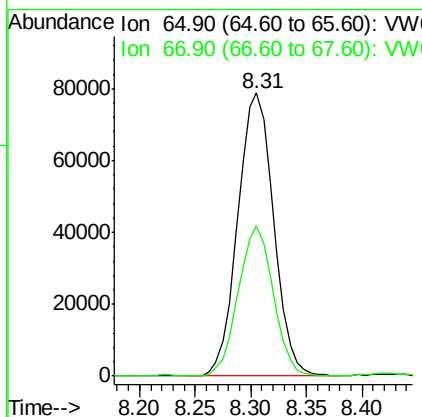
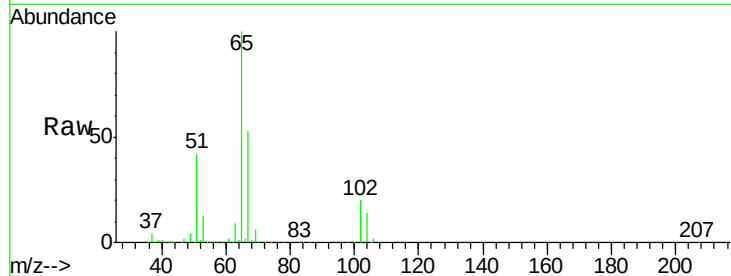
#33
 1,2-Dichloroethane-d4
 Concen: 55.184 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: VW012001.D
 Acq: 19 Aug 2019 20:28

Instrument :
 MSVOA_W
 ClientSampleId :
 N-WALL-0

Tot Ion	Ratio	Resp	Lower	Upper
65	100	175760		
67	51.7	0.0	105.2	

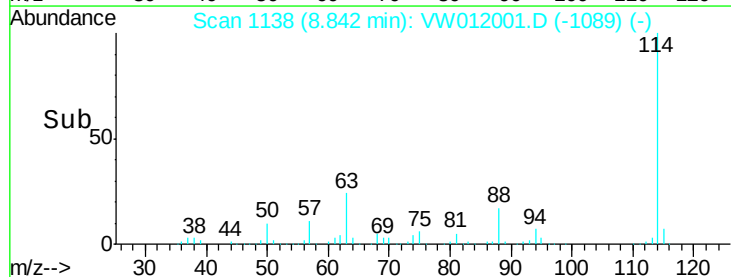
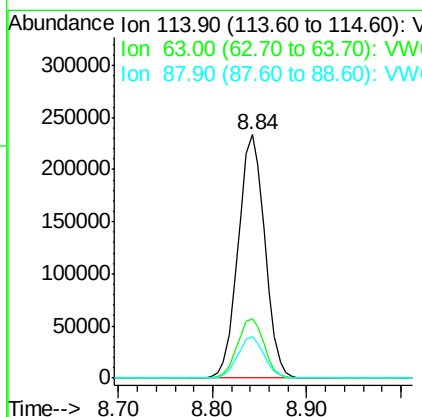
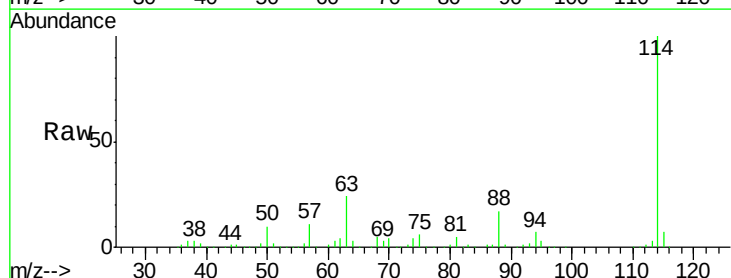
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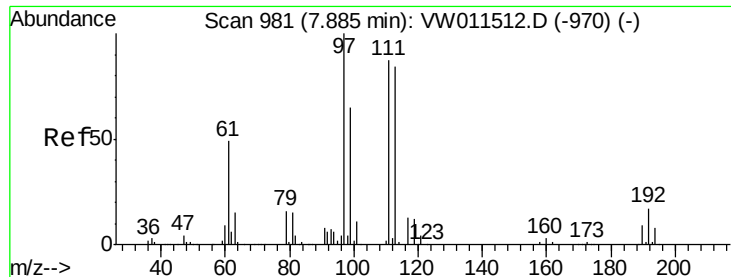
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW012001.D
 Acq: 19 Aug 2019 20:28

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	459754		
63	24.3	0.0	49.2	
88	16.9	0.0	33.8	





#35

Dibromofluoromethane

Concen: 54.101 ug/l

RT: 7.88 min Scan# 981

Delta R.T. 0.00 min

Lab File: VW012001.D

Acq: 19 Aug 2019 20:28

Instrument :

MSVOA_W

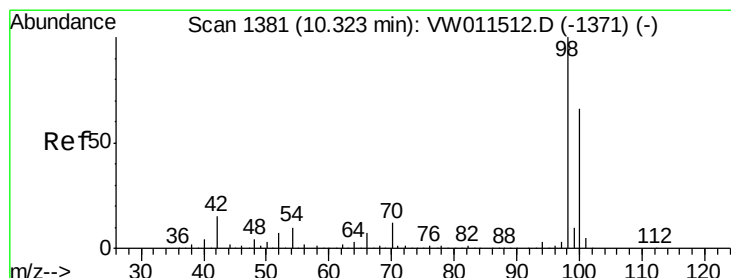
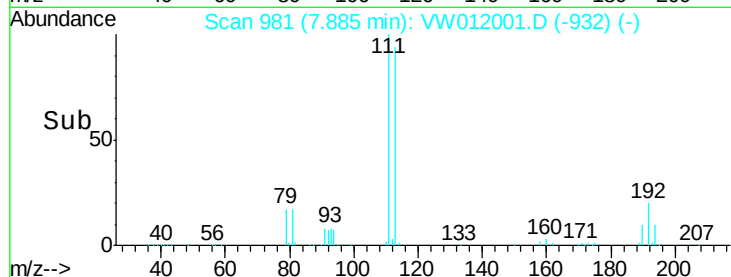
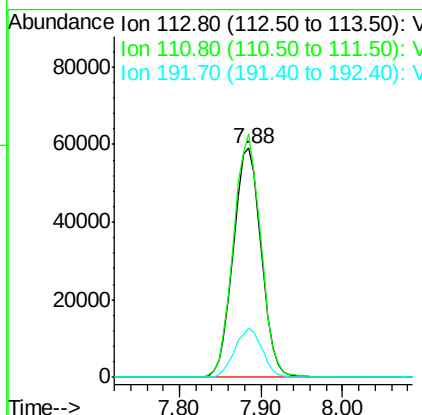
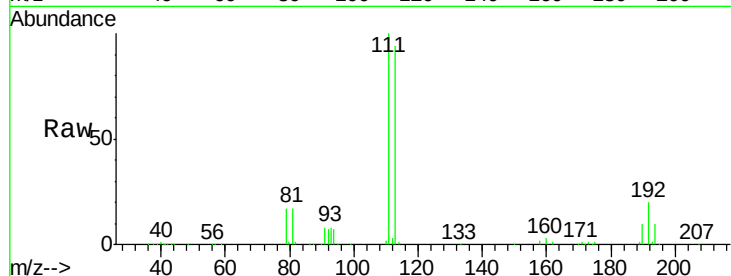
ClientSampleId :

N-WALL-0

Tot Ion:	113	Resp:	139542
Ion Ratio	Lower	Upper	
113	100		
111	104.0	82.7	124.1
192	20.8	16.1	24.1

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#50

Toluene-d8

Concen: 53.316 ug/l

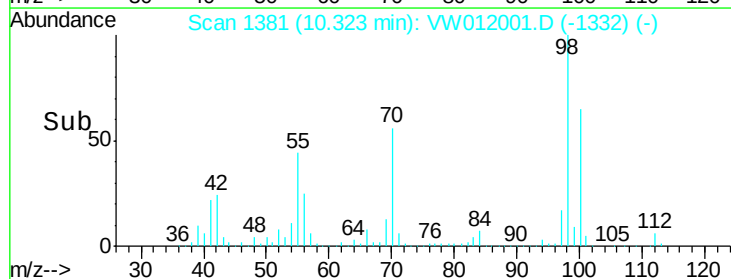
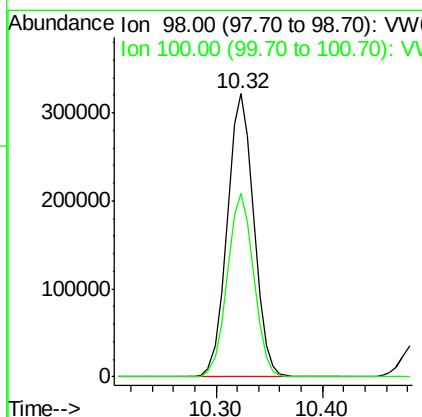
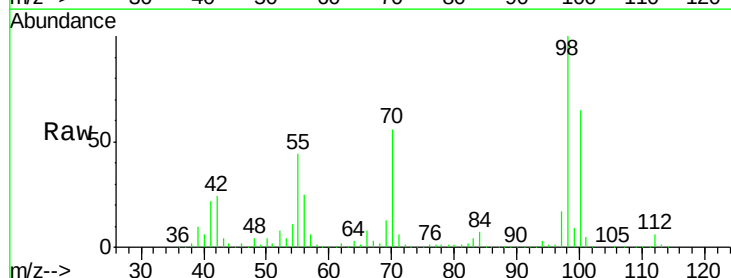
RT: 10.32 min Scan# 1381

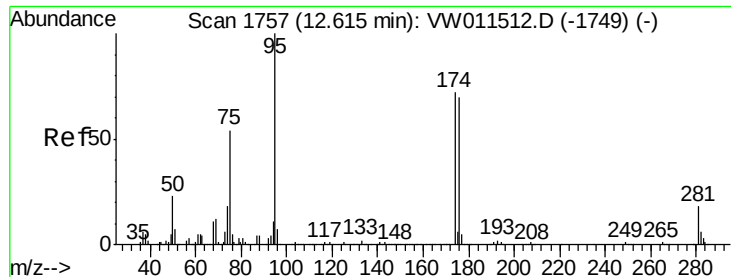
Delta R.T. 0.00 min

Lab File: VW012001.D

Acq: 19 Aug 2019 20:28

Tgt Ion:	98	Resp:	563043
Ion Ratio	Lower	Upper	
98	100		
100	64.5	52.7	79.1





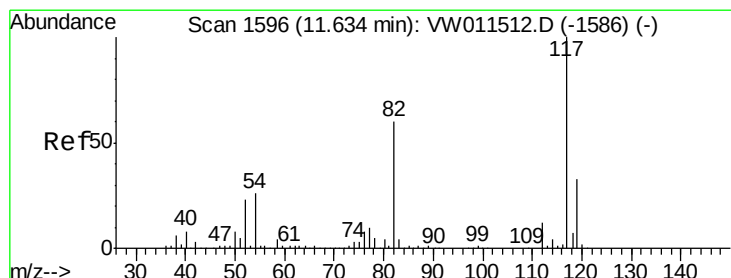
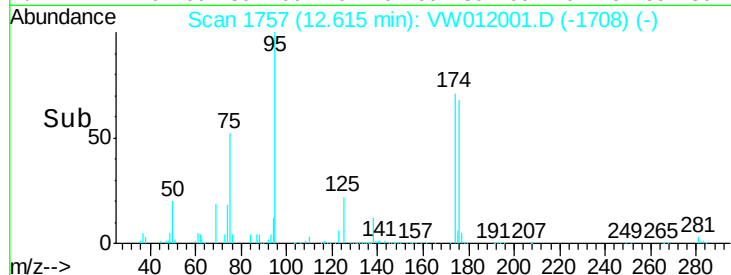
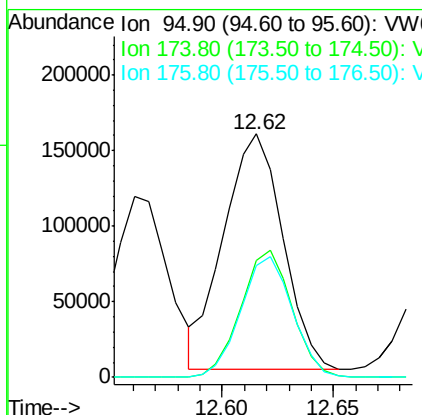
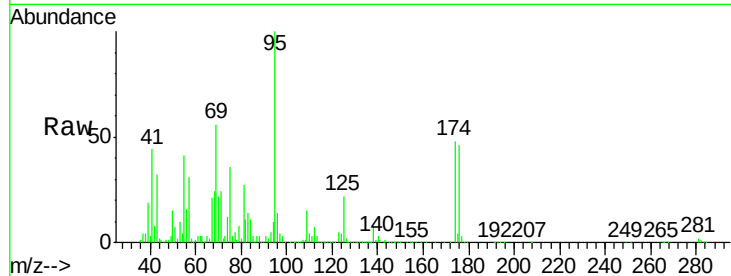
#62
4-Bromofluorobenzene
Concen: 76.431 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. 0.00 min
Lab File: VW012001.D
Acq: 19 Aug 2019 20:28

Instrument :
MSVOA_W
ClientSampleId :
N-WALL-0

Tot Ion	Ratio	Resp	Lower	Upper
95	100	287762		
174	47.1	0.0	150.2	
176	45.1	0.0	144.4	

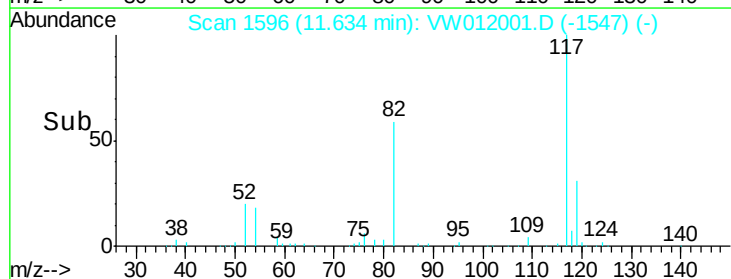
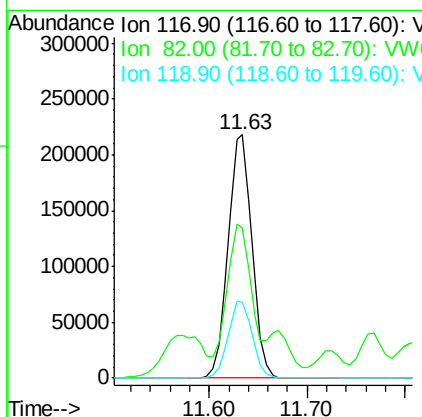
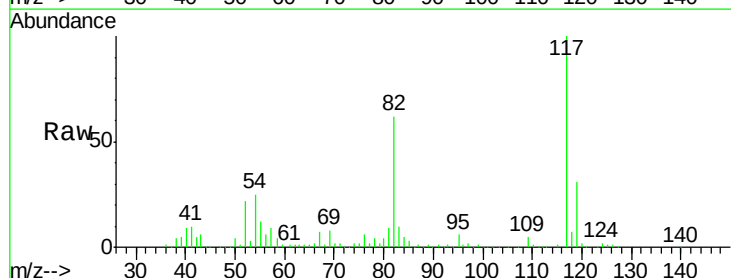
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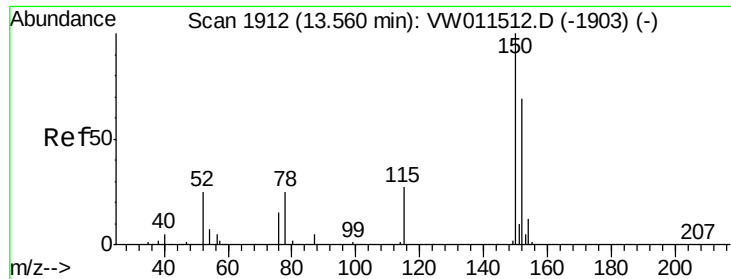
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#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW012001.D
Acq: 19 Aug 2019 20:28

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	367776		
82	52.6	47.9	71.9	
119	31.0	26.2	39.2	





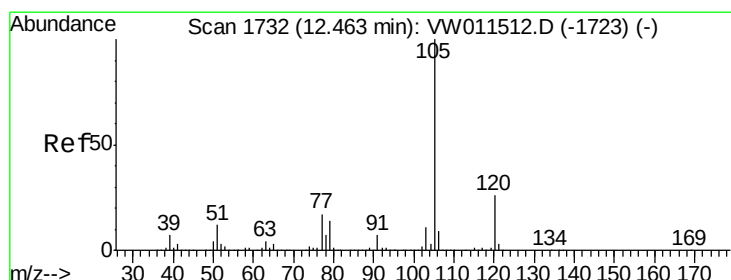
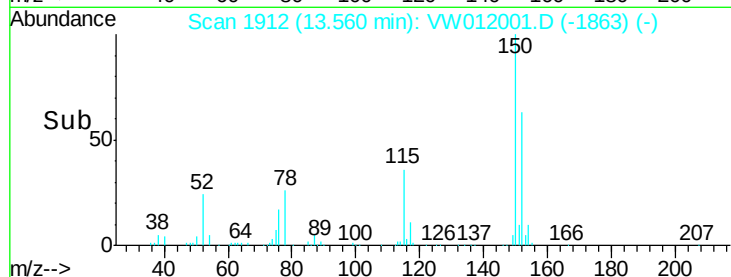
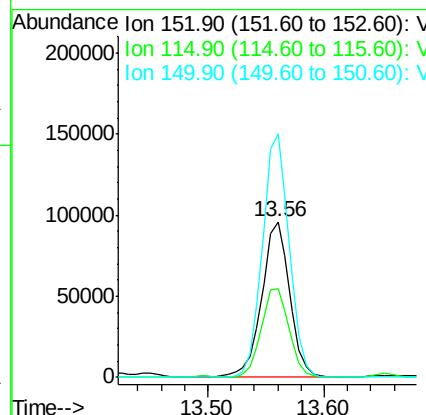
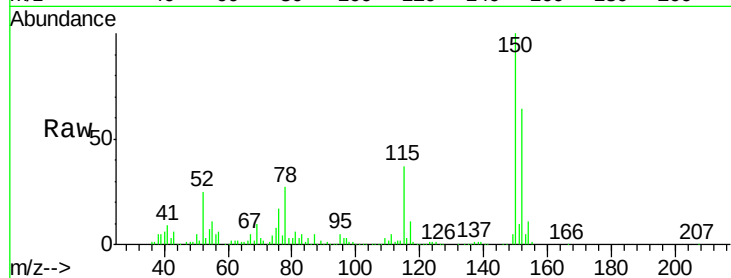
#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.56 min Scan# 1912
 Delta R.T. 0.00 min
 Lab File: VW012001.D
 Acq: 19 Aug 2019 20:28

Instrument :
 MSVOA_W
 ClientSampleId :
 N-WALL-0

Tot Ion	Ratio	Resp	Lower	Upper
152	100	159272		
115	57.2	30.5	91.5	
150	150.3	0.0	352.6	

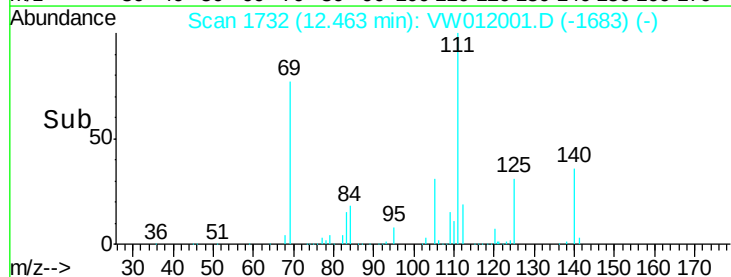
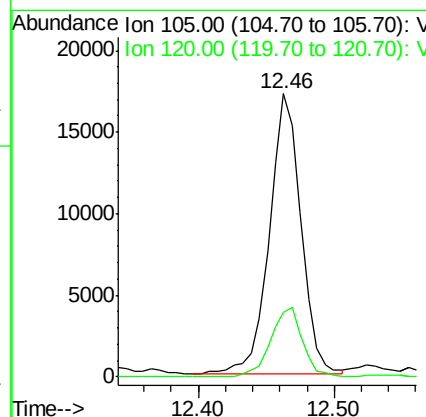
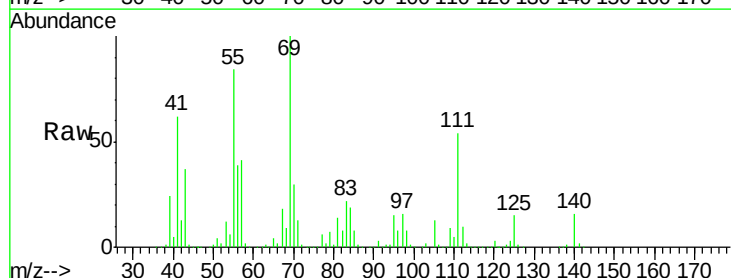
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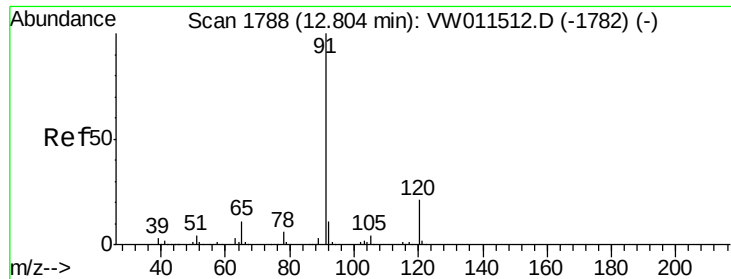
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#73
 Isopropylbenzene
 Concen: 2.365 ug/l
 RT: 12.46 min Scan# 1732
 Delta R.T. 0.00 min
 Lab File: VW012001.D
 Acq: 19 Aug 2019 20:28

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	28099		
120	24.8	12.9	38.7	





#78

n-propylbenzene

Concen: 3.551 ug/l

RT: 12.80 min Scan# 1788

Delta R.T. 0.00 min

Lab File: VW012001.D

Acq: 19 Aug 2019 20:28

Instrument :

MSVOA_W

ClientSampled :

N-WALL-0

Tot Ion: 91 Resp: 51356

Ion Ratio Lower Upper

91 100

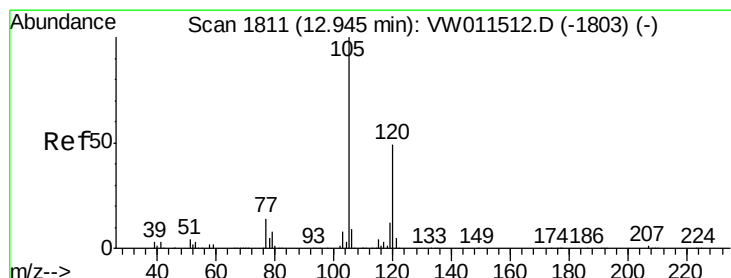
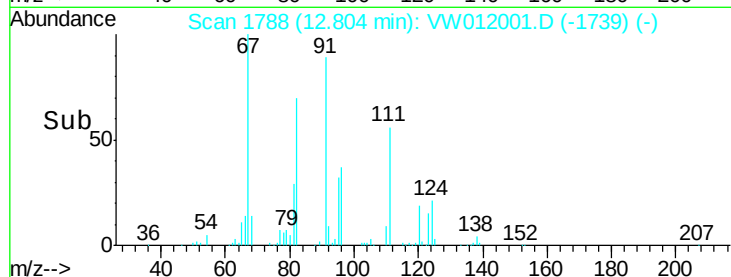
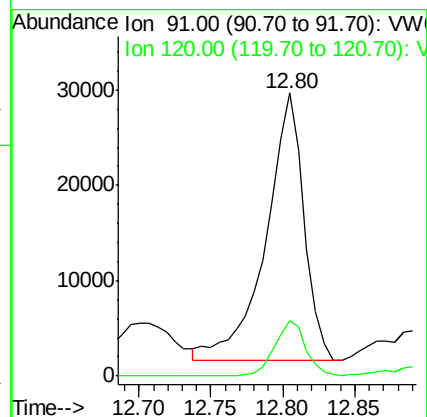
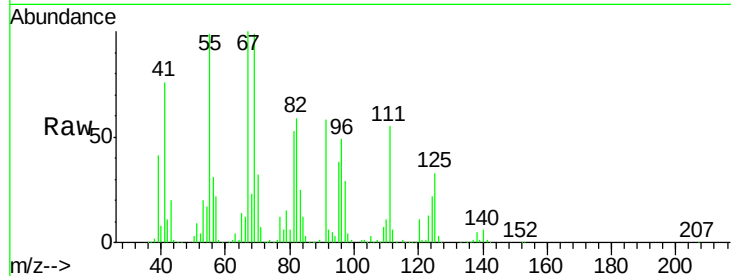
120 17.1 10.9 32.7

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#80

1,3,5-Trimethylbenzene

Concen: 3.177 ug/l

RT: 12.94 min Scan# 1811

Delta R.T. 0.00 min

Lab File: VW012001.D

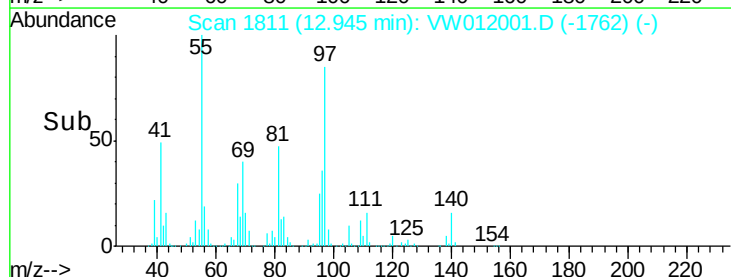
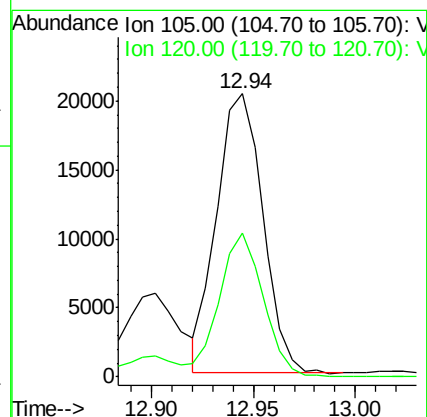
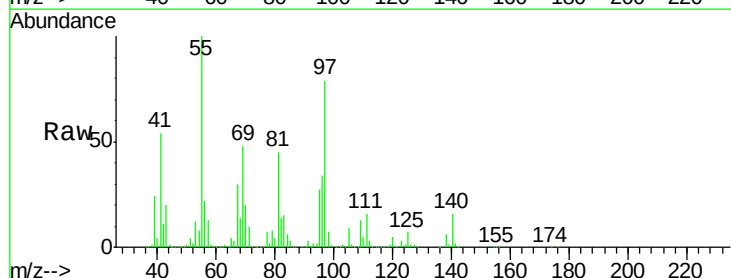
Acq: 19 Aug 2019 20:28

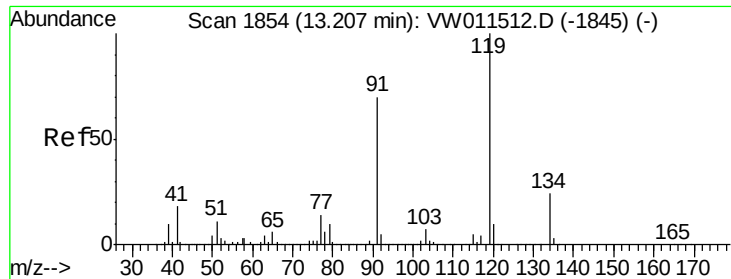
Tgt Ion:105 Resp: 31640

Ion Ratio Lower Upper

105 100

120 49.7 24.1 72.3





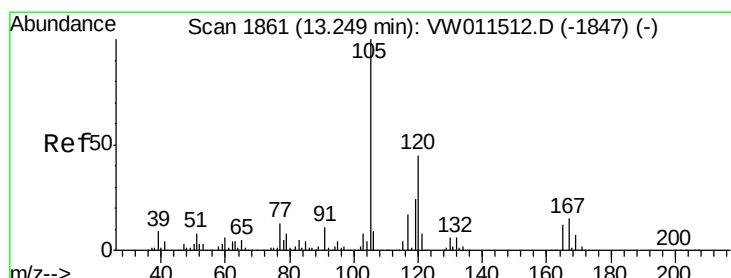
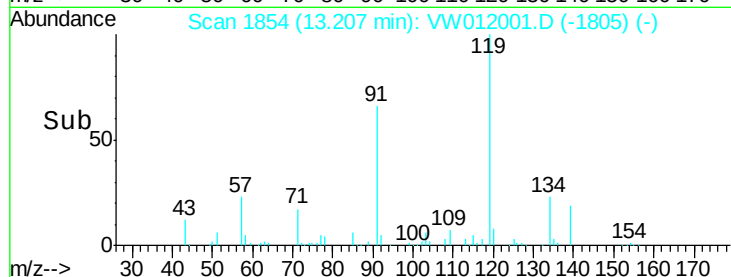
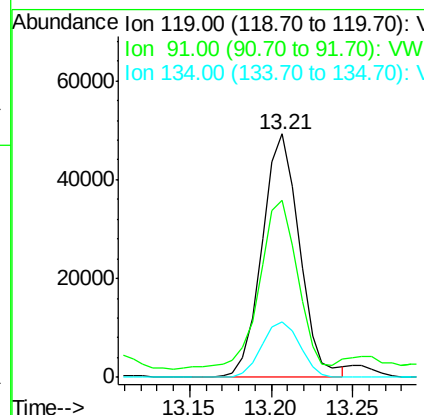
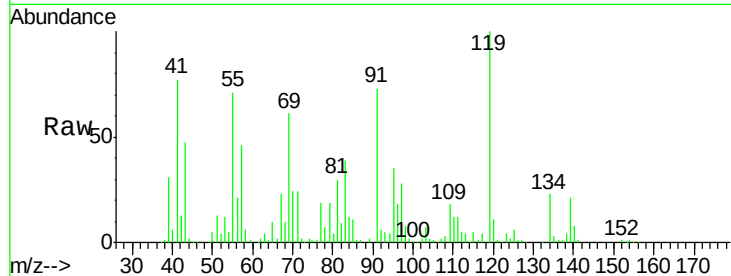
#83
tert-Butylbenzene
Concen: 9.355 ug/l
RT: 13.21 min Scan# 1854
Delta R.T. 0.00 min
Lab File: VW012001.D
Acq: 19 Aug 2019 20:28

Instrument :
MSVOA_W
ClientSampleId :
N-WALL-0

Tot Ion	Ratio	Lower	Upper
119	100		
91	70.8	34.5	103.6
134	23.7	12.4	37.4

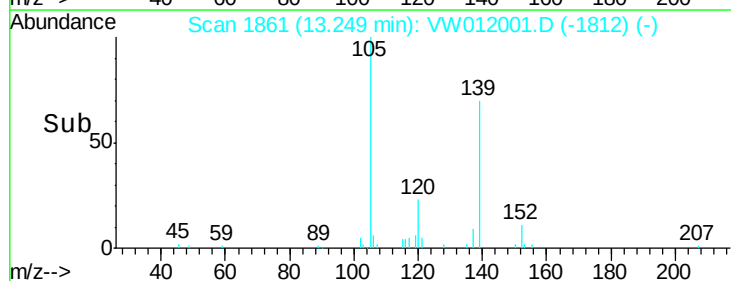
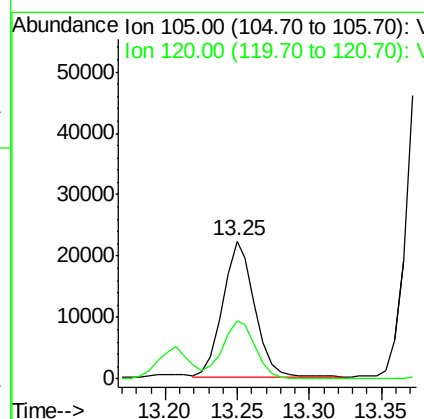
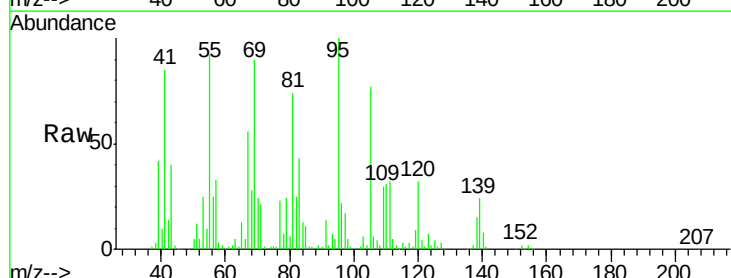
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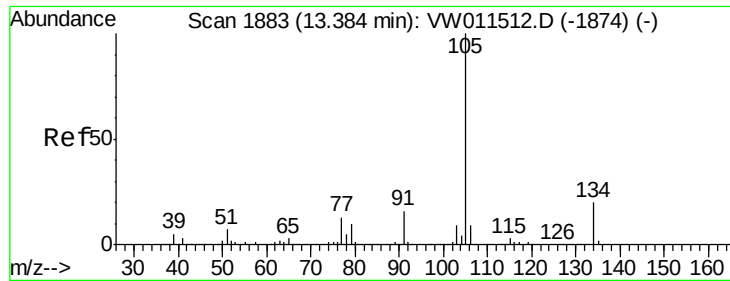
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#84
1,2,4-Trimethylbenzene
Concen: 3.381 ug/l
RT: 13.25 min Scan# 1861
Delta R.T. 0.00 min
Lab File: VW012001.D
Acq: 19 Aug 2019 20:28

Tgt Ion	Ratio	Lower	Upper
105	100		
120	44.3	22.1	66.5





#85

sec-Butylbenzene

Concen: 11.200 ug/l

RT: 13.38 min Scan# 1883

Delta R.T. 0.00 min

Lab File: VW012001.D

Acq: 19 Aug 2019 20:28

Instrument :

MSVOA_W

ClientSampled :

N-WALL-0

Tot Ion:105 Resp: 133106

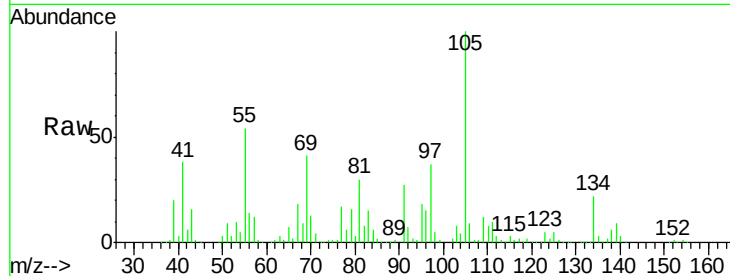
Ion Ratio Lower Upper

105 100

134 40.3 9.7 29.1#

Manual Integrations
APPROVED

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8/20/2019 9:55:33 AM



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

13.38

80000

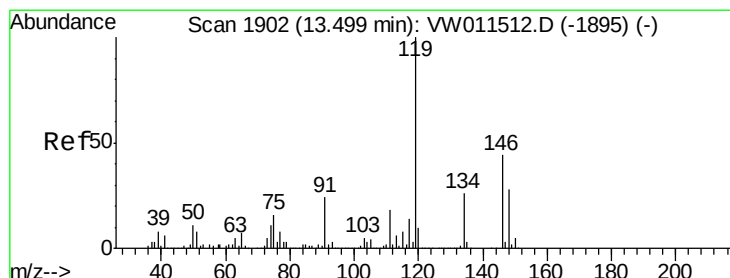
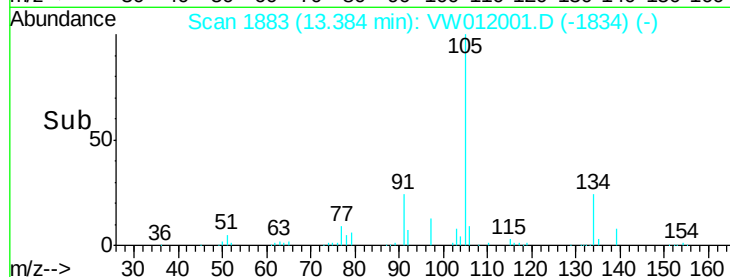
60000

40000

20000

0

Time-->



#86

p-Isopropyltoluene

Concen: 1.291 ug/l m

RT: 13.50 min Scan# 1902

Delta R.T. 0.00 min

Lab File: VW012001.D

Acq: 19 Aug 2019 20:28

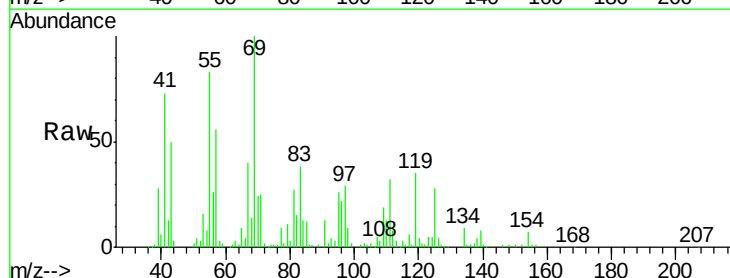
Tgt Ion:119 Resp: 13916

Ion Ratio Lower Upper

119 100

134 81.4 12.8 38.4#

91 90.7 12.1 36.3#



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

13.50

12000

10000

8000

6000

4000

2000

0

Time-->

