

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW091619\
 Data File : VW013046.D
 Acq On : 16 Sep 2019 17:16
 Operator : SY/VA
 Sample : K4850-03
 Misc : 6.70G/5ML/MSVOA W/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 AOC-7-(7)

Manual Integrations
 APPROVED

MMDadoda
 9/18/2019 2:01:02 PM

Quant Time: Sep 17 07:45:10 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W091419S.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 13 17:26:01 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	298941	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	450036	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	376611	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.55	152	156855	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	151475	54.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.72%	
35) Dibromofluoromethane	7.88	113	129970	53.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.44%	
50) Toluene-d8	10.32	98	534642	55.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.90%	
62) 4-Bromofluorobenzene	12.62	95	168985	49.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.36%	
Target Compounds						
40) Benzene	8.32	78	11127590	1108.402	ug/l	98
52) Toluene	10.38	92	8381185	1313.792	ug/l	93
67) Ethyl Benzene	11.73	91	898887	72.553	ug/l	99
68) m/p-Xylenes	11.84	106	2032338	449.034	ug/l	98
69) o-Xylene	12.16	106	1174922	276.893	ug/l	99
73) Isopropylbenzene	12.46	105	82100	7.897	ug/l	100
78) n-propylbenzene	12.80	91	59812	4.891	ug/l	100
80) 1,3,5-Trimethylbenzene	12.94	105	656712	74.663	ug/l	100
84) 1,2,4-Trimethylbenzene	13.25	105	1419367	163.304	ug/l	98
86) p-Isopropyltoluene	13.49	119	16349m	1.661	ug/l	
95) Naphthalene	15.36	128	12878805	2592.050	ug/l	99

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

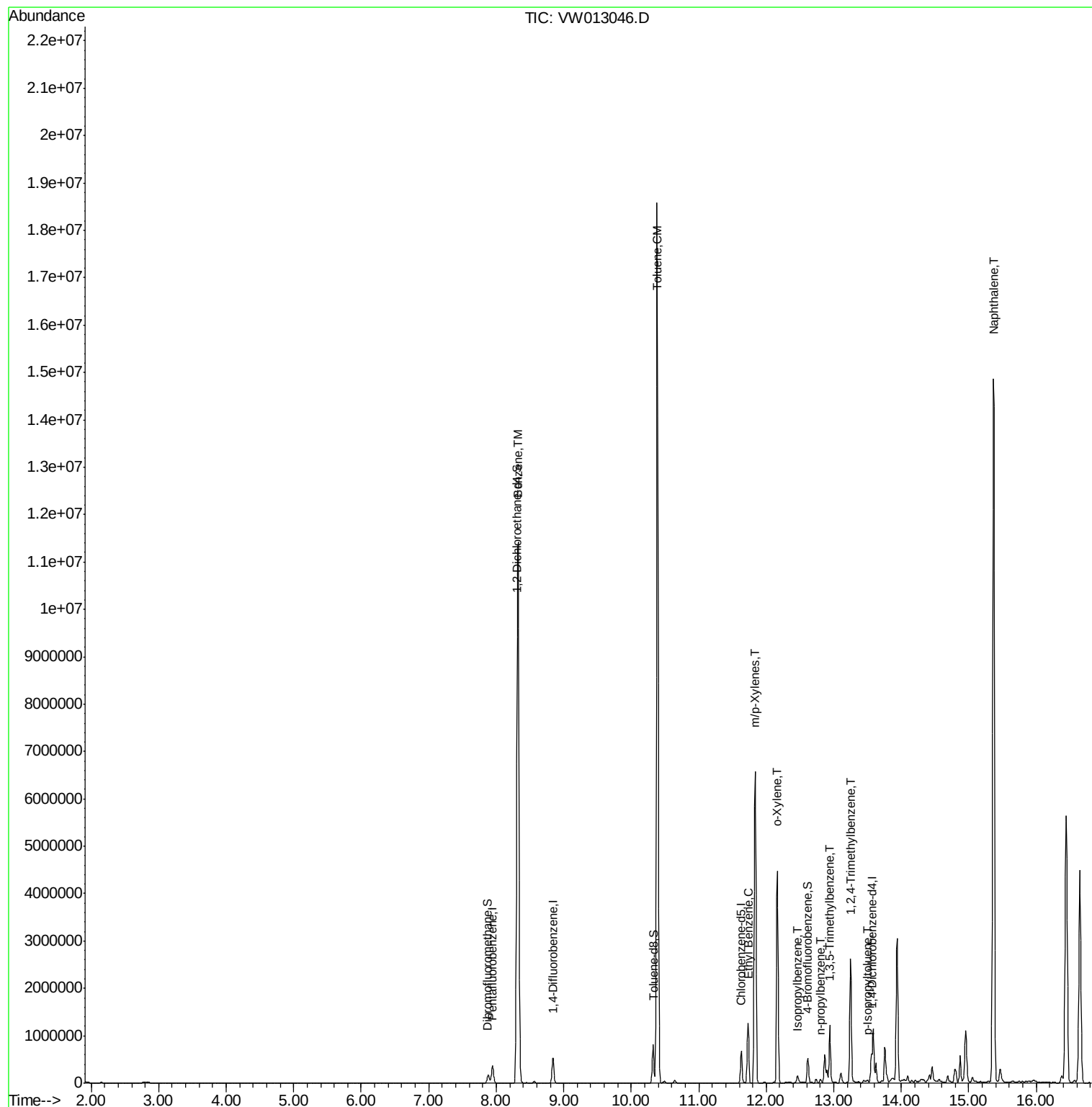
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW091619\
Data File : VW013046.D
Acq On : 16 Sep 2019 17:16
Operator : SY/VA
Sample : K4850-03
Misc : 6.70G/5ML/MSVOA W/SOIL
ALS Vial : 17 Sample Multiplier: 1

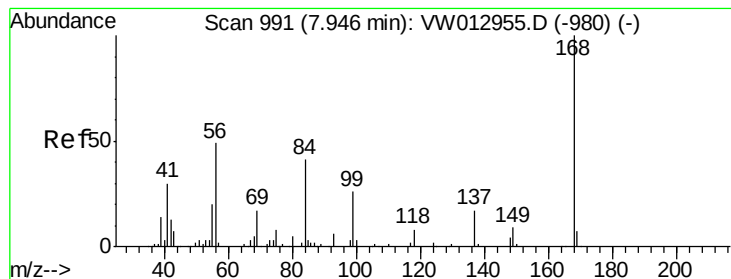
Instrument :
MSVOA_W
ClientSampleId :
AOC-7(7)

Manual Integrations
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Quant Time: Sep 17 07:45:10 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W091419S.M
Quant Title : SW846 8260
QLast Update : Fri Sep 13 17:26:01 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: VW013046.D

Acq: 16 Sep 2019 17:16

Instrument :

MSVOA_W

ClientSampled :

AOC-7(7)

Tot Ion:168 Resp: 298941

Ion Ratio Lower Upper

168 100

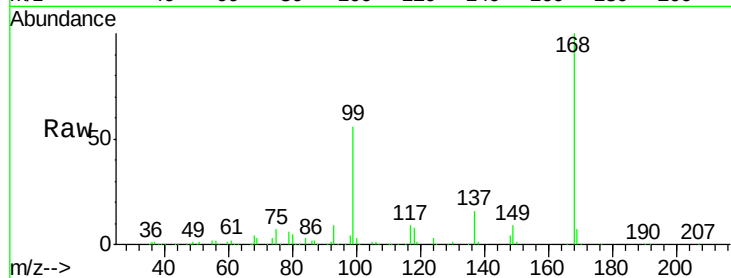
99 55.9 46.2 69.2

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

150000

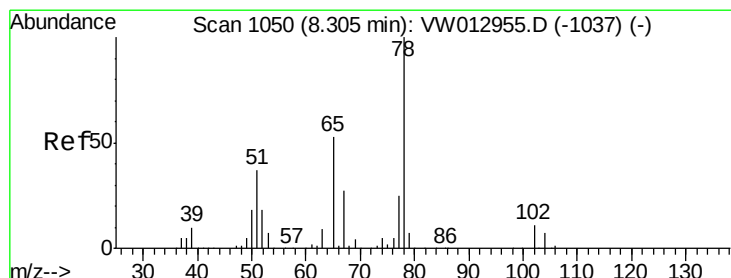
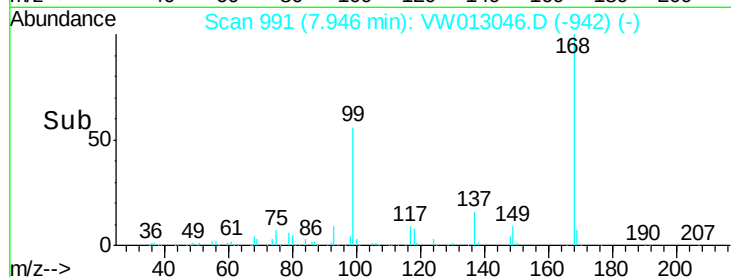
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50000

0

7.90 8.00

Time-->



#33

1,2-Dichloroethane-d4

Concen: 54.864 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VW013046.D

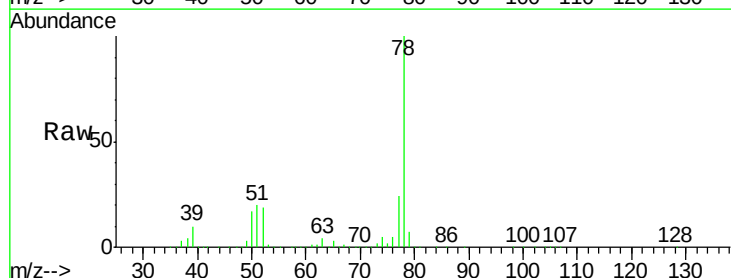
Acq: 16 Sep 2019 17:16

Tgt Ion: 65 Resp: 151475

Ion Ratio Lower Upper

65 100

67 51.9 0.0 101.2



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW

8.31

80000

60000

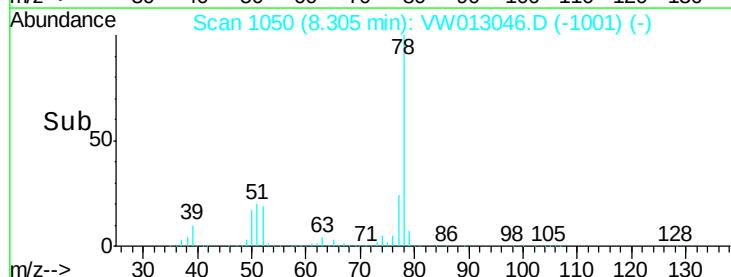
40000

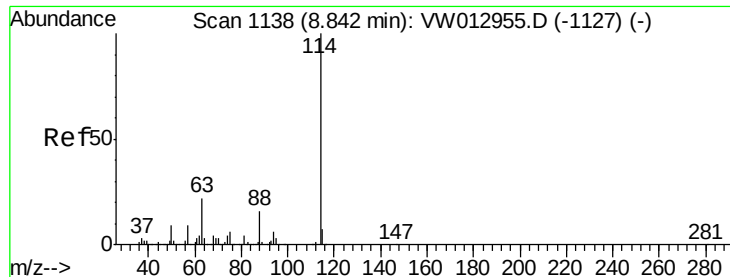
20000

0

8.20 8.30 8.40

Time-->





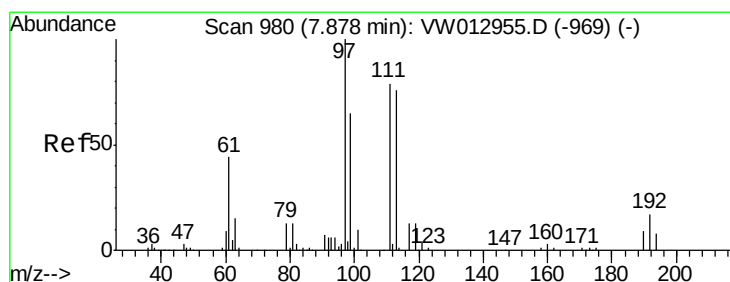
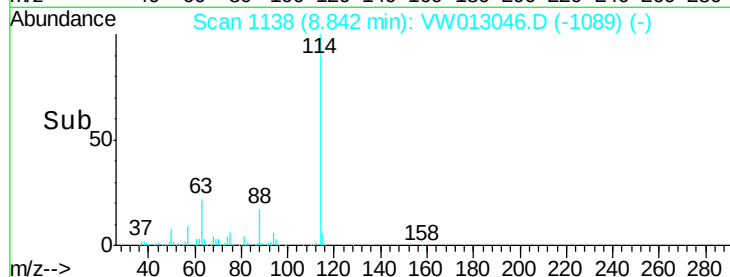
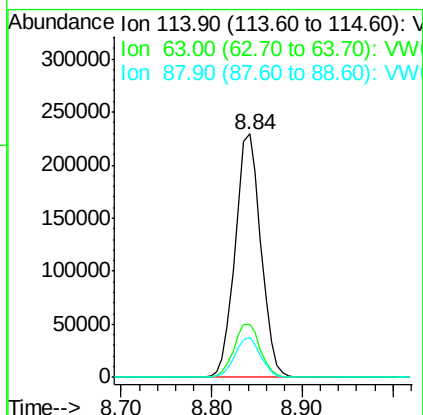
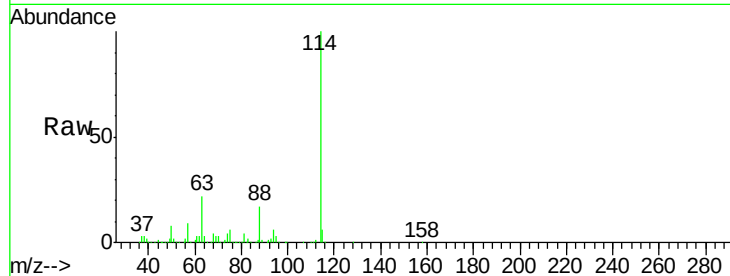
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW013046.D
 Acq: 16 Sep 2019 17:16

Instrument :
 MSVOA_W
 ClientSampleId :
 AOC-7(7)

Tot Ion	Ratio	Resp Lower	Upper
114	100		
63	21.7	0.0	43.4
88	16.5	0.0	31.6

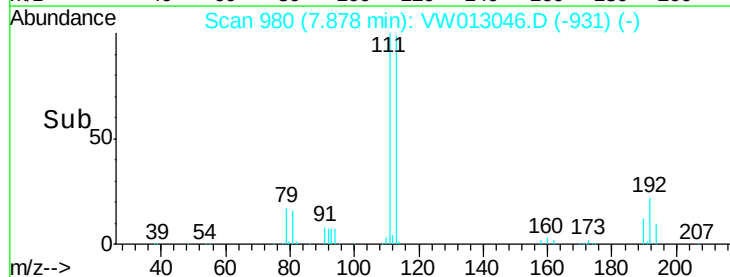
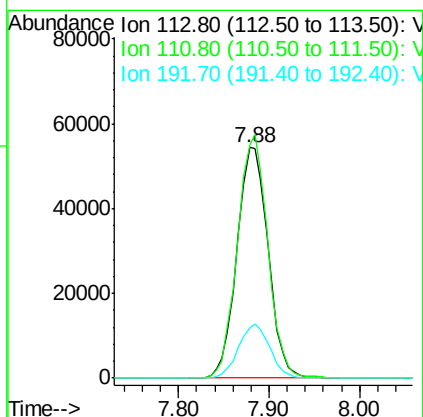
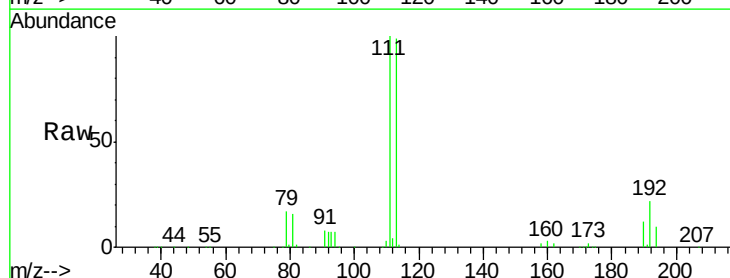
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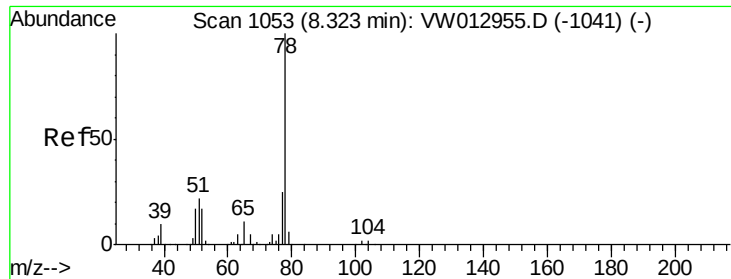
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#35
 Dibromofluoromethane
 Concen: 53.224 ug/l
 RT: 7.88 min Scan# 980
 Delta R.T. -0.00 min
 Lab File: VW013046.D
 Acq: 16 Sep 2019 17:16

Tgt Ion	Ratio	Resp Lower	Upper
113	100		
111	102.2	82.8	124.2
192	23.4	17.8	26.8





#40

Benzene

Concen: 1108.402 ug/l

RT: 8.32 min Scan# 1053

Delta R.T. 0.00 min

Lab File: VW013046.D

Acq: 16 Sep 2019 17:16

Instrument :

MSVOA_W

ClientSampled :

AOC-7(7)

Tot Ion: 78 Resp: 11127590

Ion Ratio Lower Upper

78 100

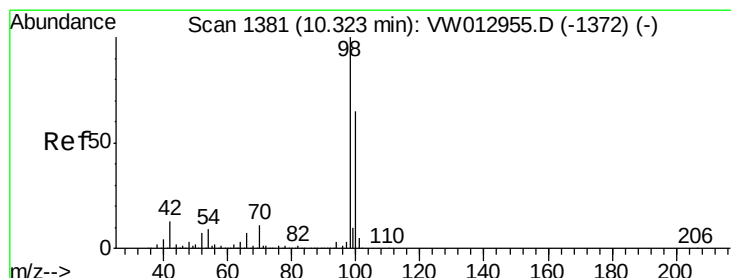
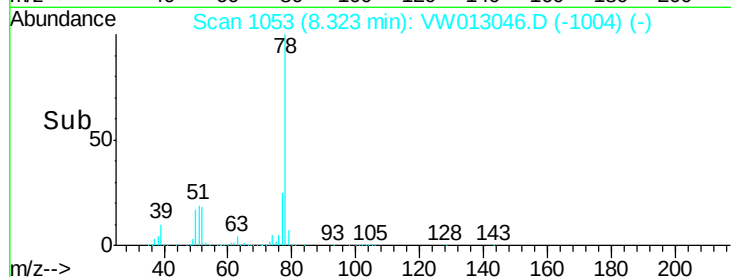
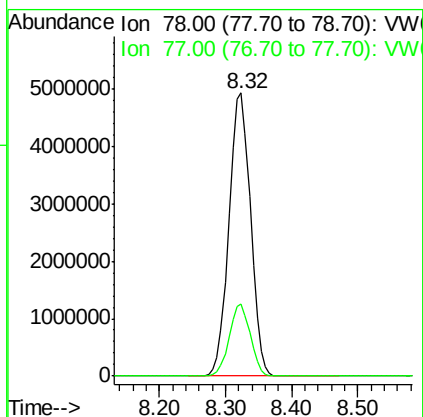
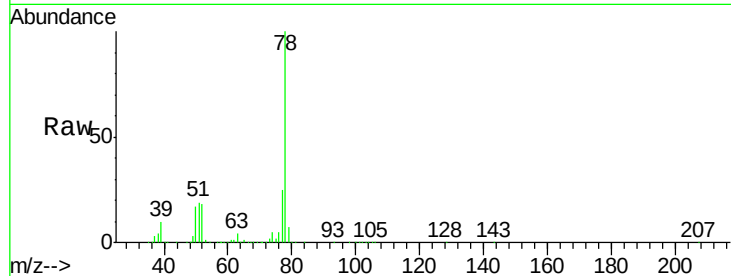
77 25.4 19.6 29.4

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#50

Toluene-d8

Concen: 55.951 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW013046.D

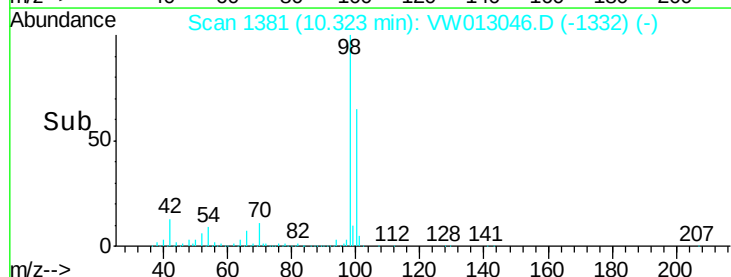
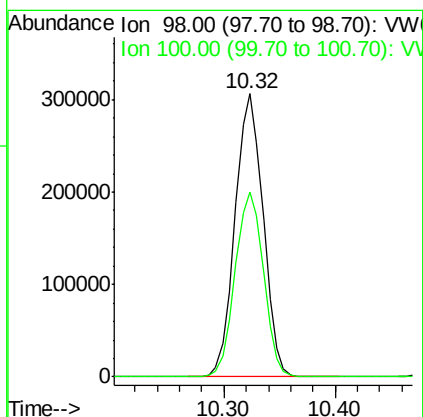
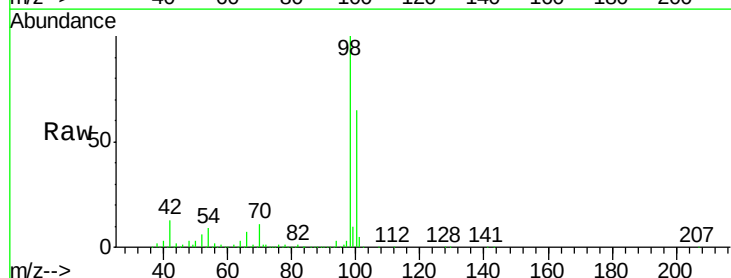
Acq: 16 Sep 2019 17:16

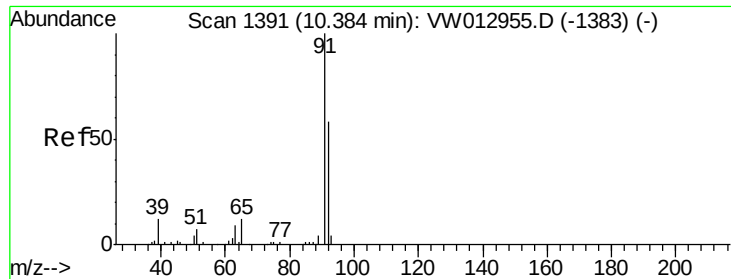
Tgt Ion: 98 Resp: 534642

Ion Ratio Lower Upper

98 100

100 66.1 52.1 78.1





#52

Toluene

Concen: 1313.792 ug/l

RT: 10.38 min Scan# 1391

Delta R.T. -0.00 min

Lab File: VW013046.D

Acq: 16 Sep 2019 17:16

Instrument :

MSVOA_W

ClientSampleId :

AOC-7(7)

Tot Ion: 92 Resp: 8381185

Ion Ratio Lower Upper

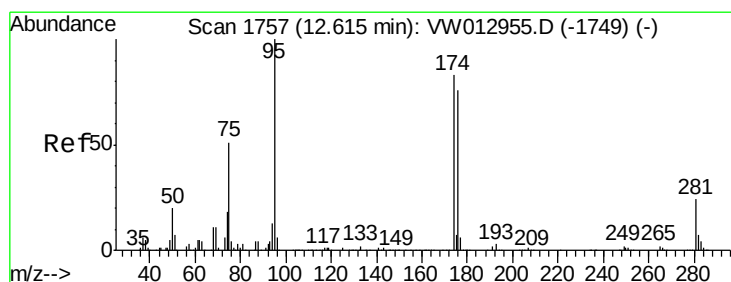
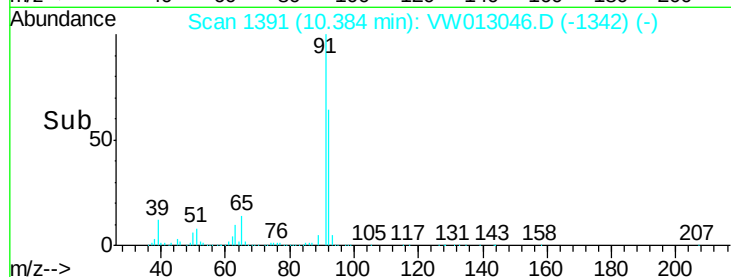
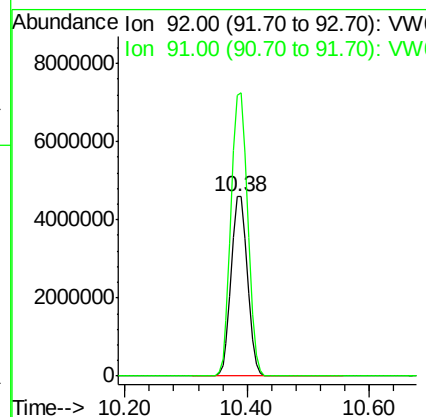
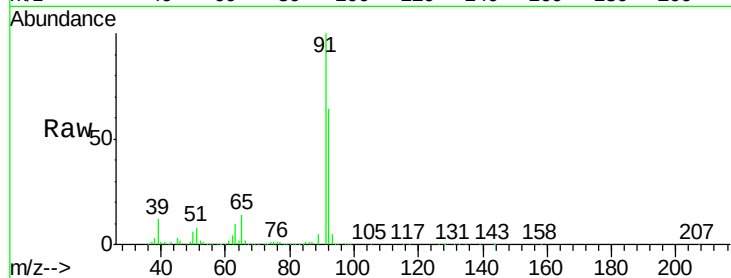
92 100

91 162.0 137.5 206.3

Manual Integrations
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#62

4-Bromofluorobenzene

Concen: 49.181 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.00 min

Lab File: VW013046.D

Acq: 16 Sep 2019 17:16

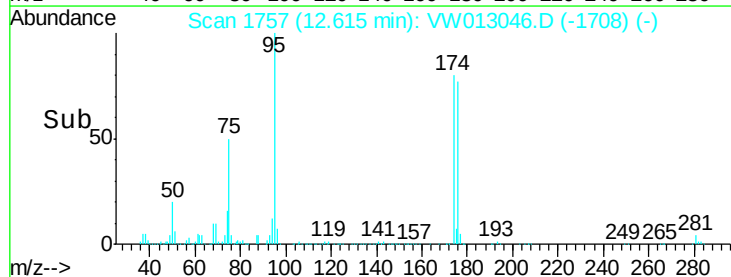
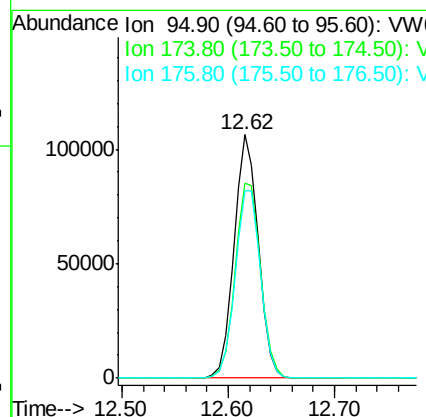
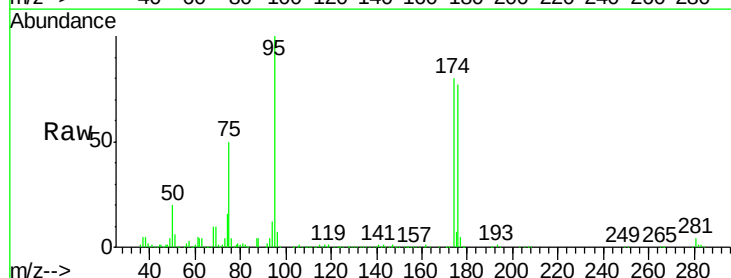
Tgt Ion: 95 Resp: 168985

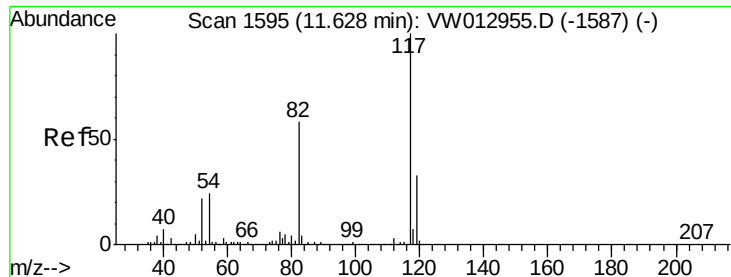
Ion Ratio Lower Upper

95 100

174 84.6 0.0 170.4

176 80.9 0.0 164.6





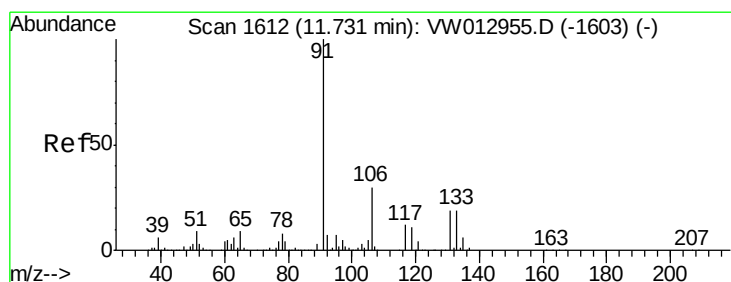
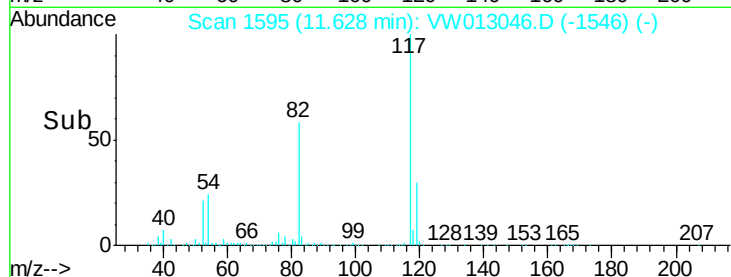
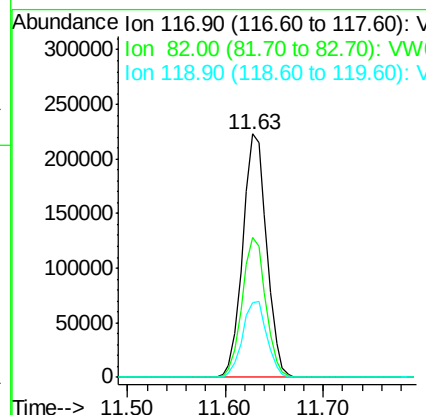
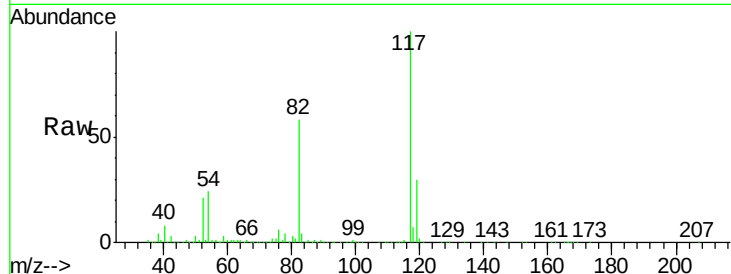
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. 0.00 min
Lab File: VW013046.D
Acq: 16 Sep 2019 17:16

Instrument :
MSVOA_W
ClientSampleId :
AOC-7-(7)

Tot Ion	Ratio	Lower	Upper
117	100		
82	57.6	46.3	69.5
119	30.4	26.2	39.4

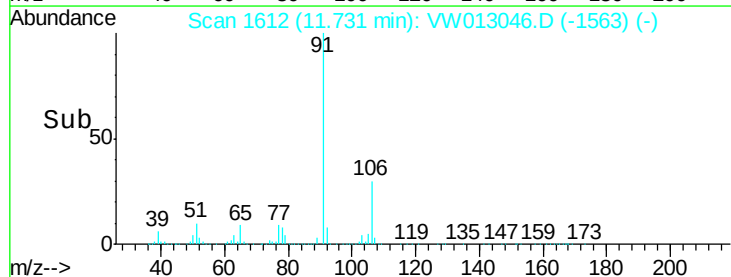
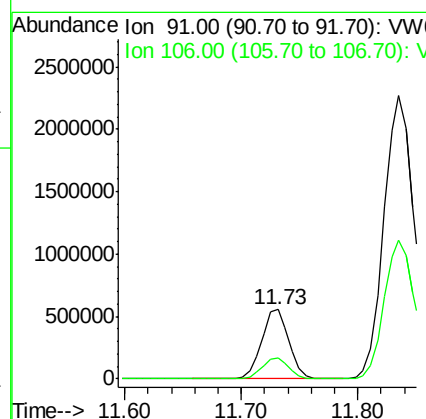
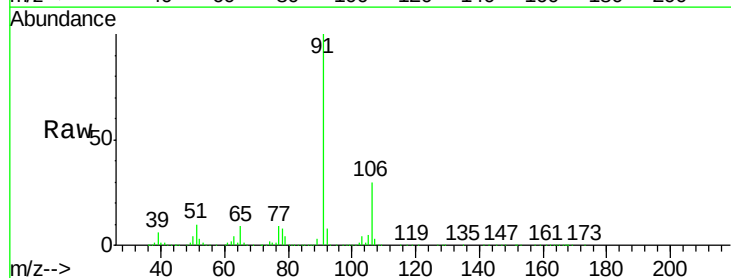
Manual Integrations
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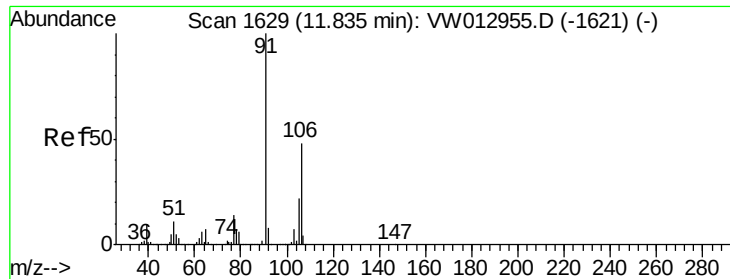
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#67
Ethyl Benzene
Concen: 72.553 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW013046.D
Acq: 16 Sep 2019 17:16

Tgt Ion	Ratio	Lower	Upper
91	100		
106	30.1	24.3	36.5





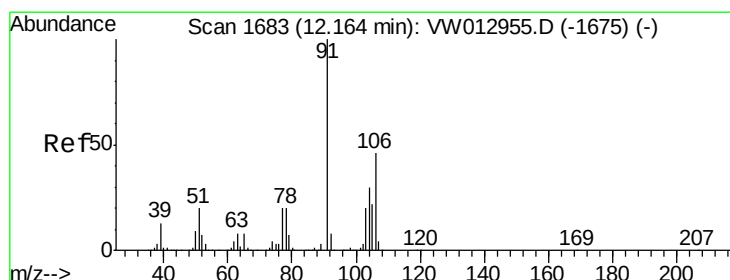
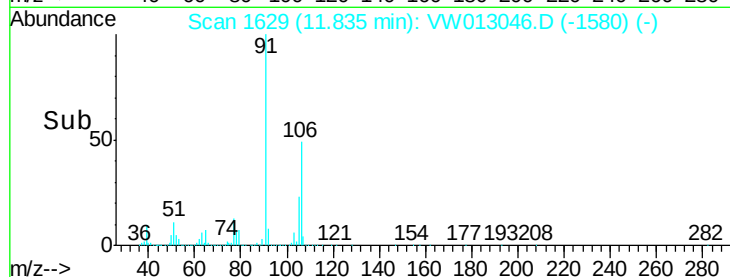
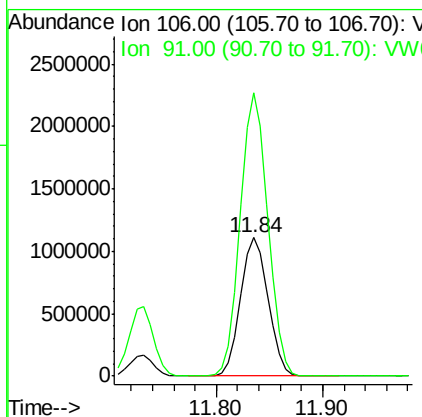
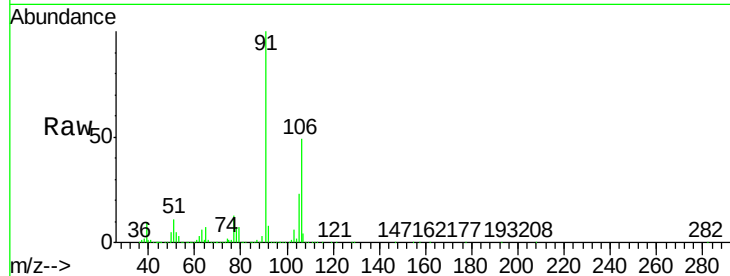
#68
m/p-Xylenes
Concen: 449.034 ug/l
RT: 11.84 min Scan# 1629
Delta R.T. 0.00 min
Lab File: VW013046.D
Acq: 16 Sep 2019 17:16

Instrument :
MSVOA_W
ClientSampled :
AOC-7(7)

Tot Ion:106 Resp: 2032338
Ion Ratio Lower Upper
106 100
91 203.8 165.8 248.8

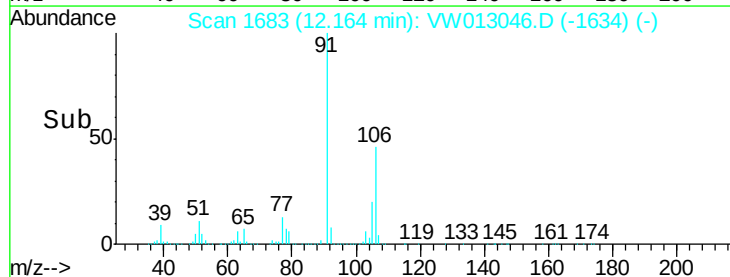
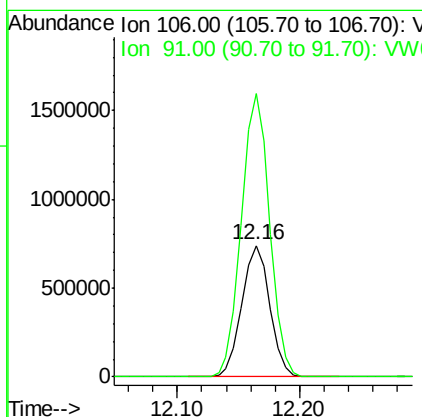
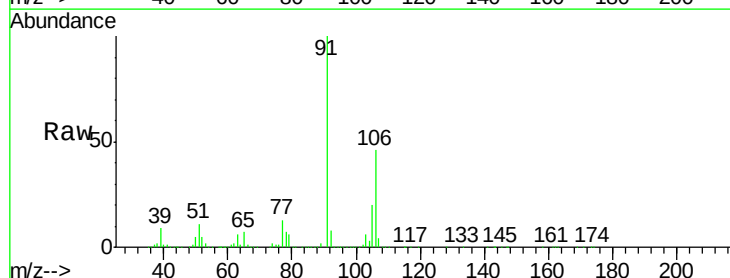
Manual Integrations
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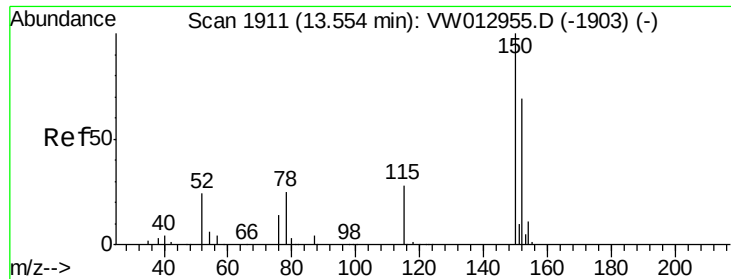
MMDadoda
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#69
o-Xylene
Concen: 276.893 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. -0.00 min
Lab File: VW013046.D
Acq: 16 Sep 2019 17:16

Tgt Ion:106 Resp: 1174922
Ion Ratio Lower Upper
106 100
91 217.4 109.7 329.0





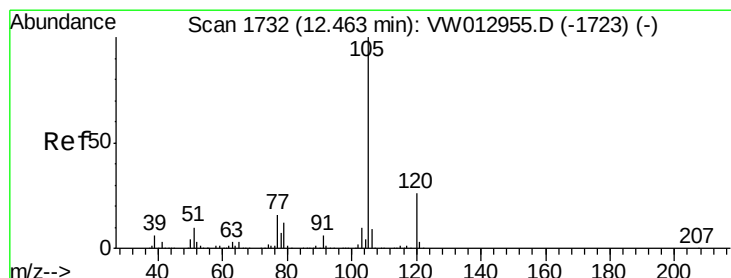
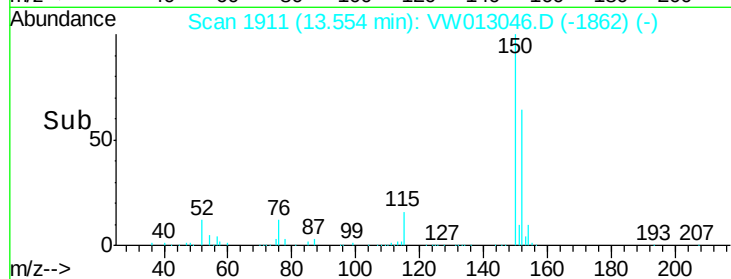
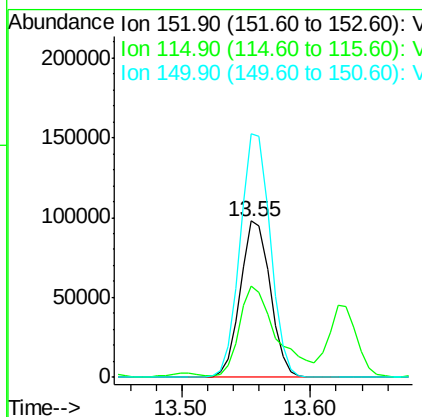
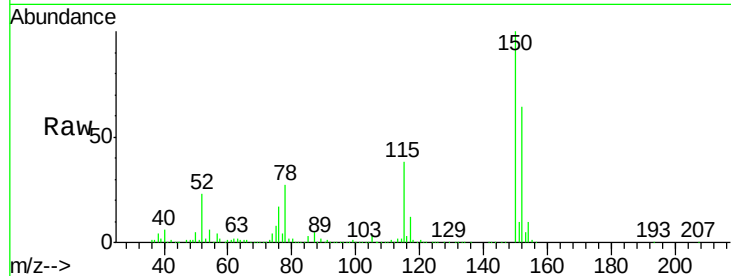
#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.55 min Scan# 1911
 Delta R.T. 0.00 min
 Lab File: VW013046.D
 Acq: 16 Sep 2019 17:16

Instrument :
 MSVOA_W
 ClientSampleId :
 AOC-7(7)

Tot Ion	Ratio	Resp	Lower	Upper
152	100	156855		
115	72.8	28.8	86.4	
150	157.7	0.0	340.2	

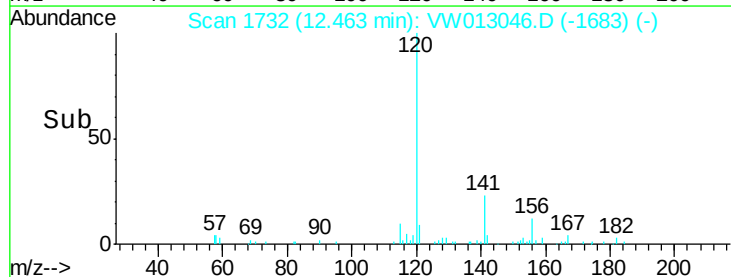
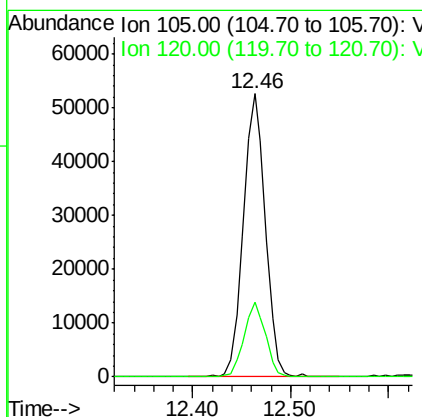
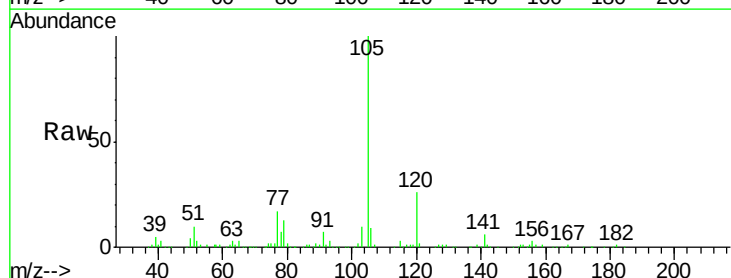
Manual Integrations
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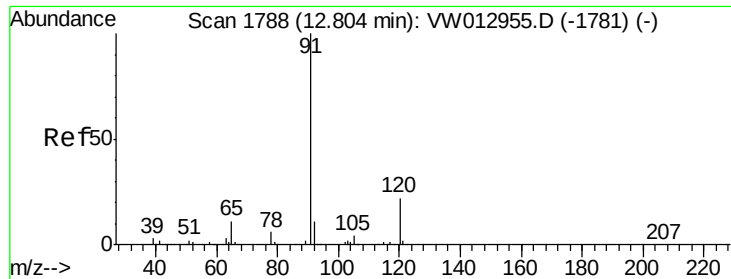
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#73
 Isopropylbenzene
 Concen: 7.897 ug/l
 RT: 12.46 min Scan# 1732
 Delta R.T. 0.00 min
 Lab File: VW013046.D
 Acq: 16 Sep 2019 17:16

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	82100		
120	25.9	13.0	39.0	





#78

n-propylbenzene

Concen: 4.891 ug/l

RT: 12.80 min Scan# 1788

Delta R.T. 0.00 min

Lab File: VW013046.D

Acq: 16 Sep 2019 17:16

Instrument :

MSVOA_W

ClientSampled :

AOC-7(7)

Tot Ion: 91 Resp: 59812

Ion Ratio Lower Upper

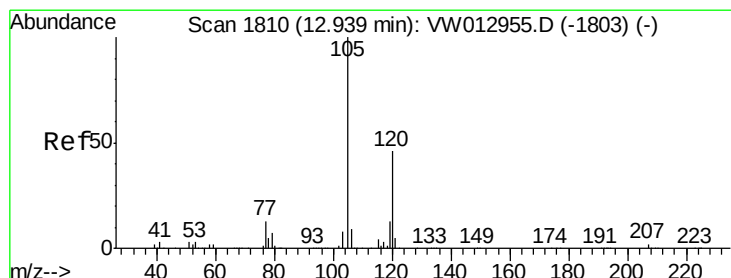
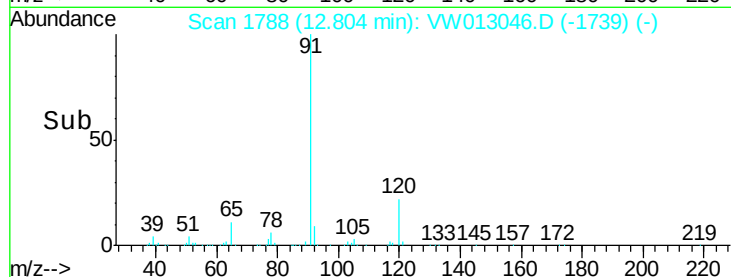
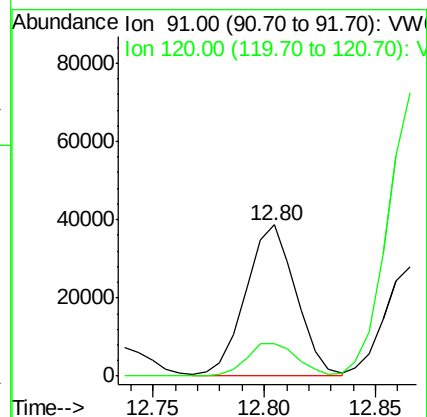
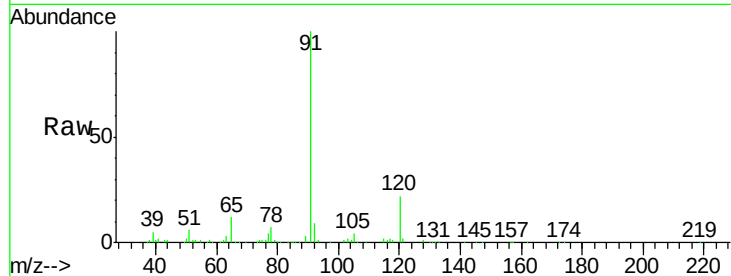
91 100

120 22.5 11.2 33.5

Manual Integrations
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#80

1,3,5-Trimethylbenzene

Concen: 74.663 ug/l

RT: 12.94 min Scan# 1811

Delta R.T. 0.01 min

Lab File: VW013046.D

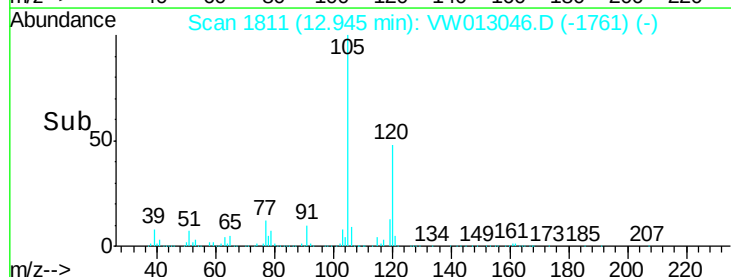
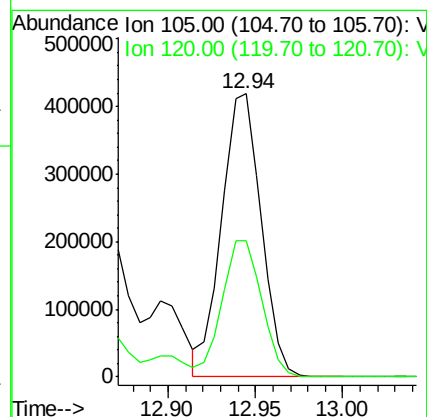
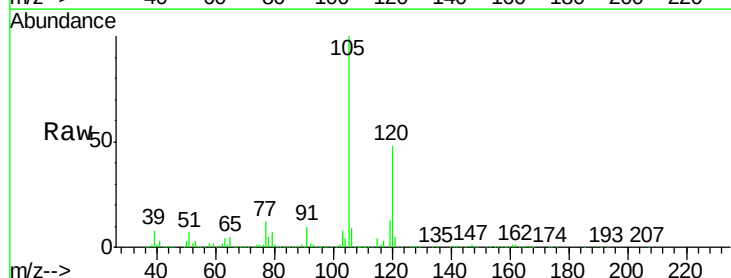
Acq: 16 Sep 2019 17:16

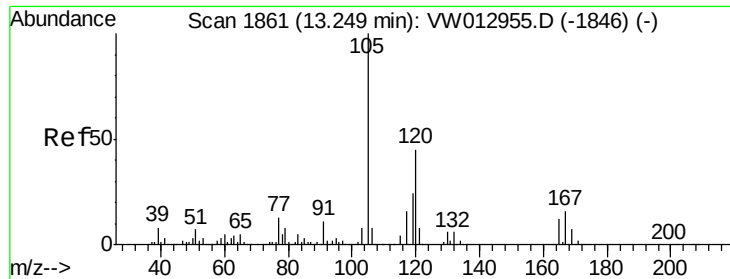
Tgt Ion: 105 Resp: 656712

Ion Ratio Lower Upper

105 100

120 48.6 24.2 72.6





#84

1,2,4-Trimethylbenzene

Concen: 163.304 ug/l

RT: 13.25 min Scan# 1861

Delta R.T. -0.00 min

Lab File: VW013046.D

Acq: 16 Sep 2019 17:16

Instrument :

MSVOA_W

ClientSampled :

AOC-7(7)

Tot Ion:105 Resp: 1419367

Ion Ratio Lower Upper

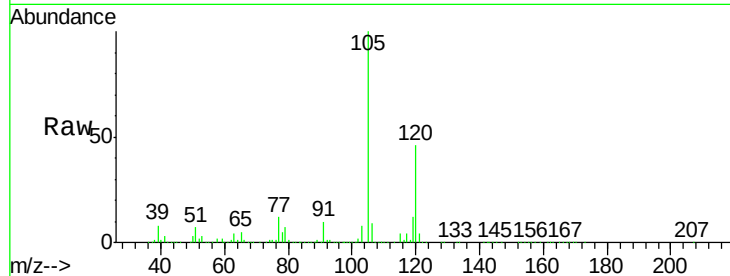
105 100

120 45.3 21.9 65.7

Manual Integrations
APPROVED

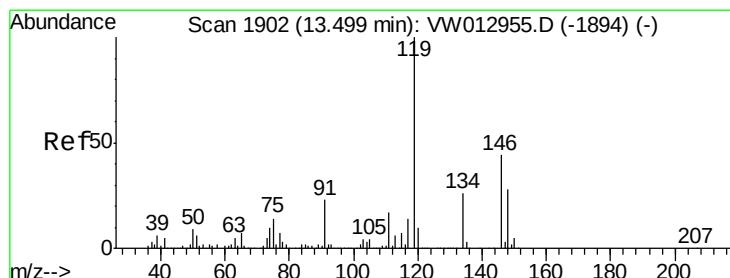
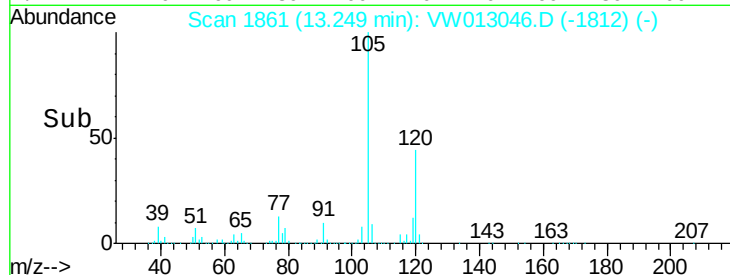
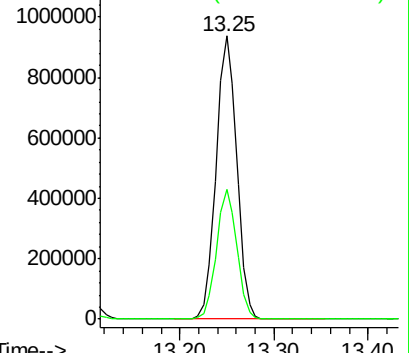
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#86

p-Isopropyltoluene

Concen: 1.661 ug/l m

RT: 13.49 min Scan# 1901

Delta R.T. -0.01 min

Lab File: VW013046.D

Acq: 16 Sep 2019 17:16

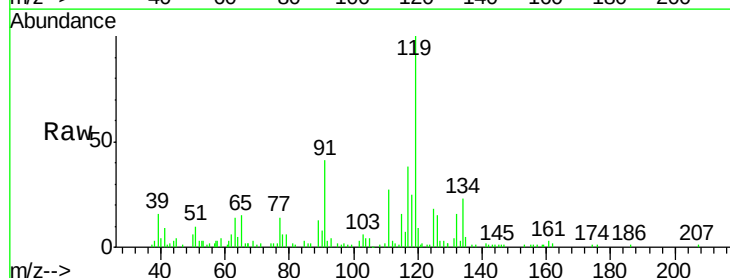
Tgt Ion:119 Resp: 16349

Ion Ratio Lower Upper

119 100

134 45.5 12.8 38.3#

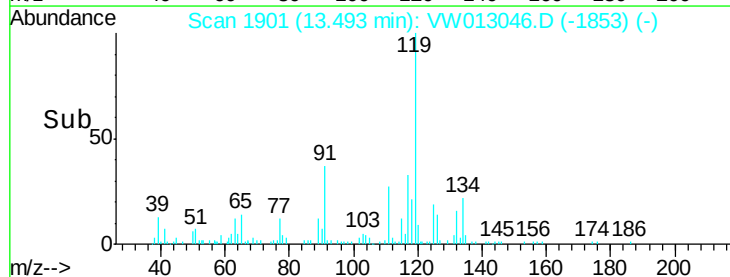
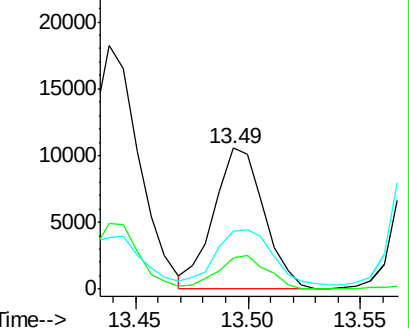
91 40.9 11.8 35.4#

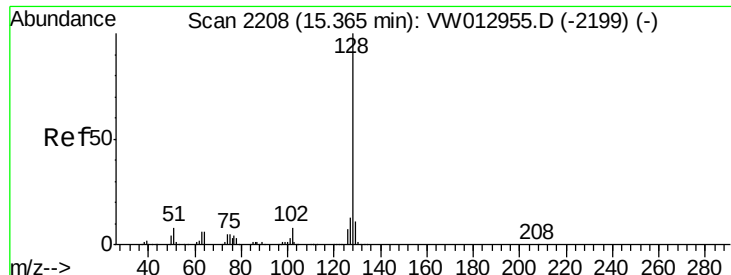


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#95
Naphthalene
Concen: 2592.050 ug/l
RT: 15.36 min Scan# 2208
Delta R.T. 0.00 min
Lab File: VW013046.D
Acq: 16 Sep 2019 17:16

Instrument :
MSVOA_W
ClientSampleId :
AOC-7-(7)

Tot Ion:128 Resp:12878805
Ion Ratio Lower Upper
128 100
127 14.1 11.0 16.6
129 11.6 8.6 12.8

Manual Integrations
APPROVED

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