

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW081518\
 Data File : VW004684.D
 Acq On : 15 Aug 2018 00:20
 Operator : SY/AP
 Sample : J4450-08
 Misc : 6.16G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 GAB07

Manual Integrations
 APPROVED

MMDadoda
 8/16/2018 11:45:49 AM

Quant Time: Aug 17 09:57:08 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM081418S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Aug 14 12:36:48 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	826503	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.64	117	674038	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	389285	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	231115	17.59	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	70.36%
7) Chloroethane-d5	2.89	69	175538	17.28	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	69.12%
10) 1,1-Dichloroethene-d2	4.02	63	304311	12.66	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	50.64%
20) 2-Butanone-d5	7.09	46	232407	65.38	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	130.76%
24) Chloroform-d	7.65	84	431126	19.46	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	77.84%
26) 1,2-Dichloroethane-d4	8.31	65	261755	22.31	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	89.24%
29) Benzene-d6	8.28	84	900799	23.83	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	95.32%
33) 1,2-Dichloropropane-d6	9.34	67	3164516	269.52	ug/L	0.06
Spiked Amount	25.000	Range	70 - 120	Recovery	=	1078.08%#
37) Toluene-d8	10.34	98	3342357	98.54	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	394.16%#
38) trans-1,3-Dichloropropene-	10.58	79	201676	42.30	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	169.20%#
39) 2-Hexanone-d5	10.93	63	288496	122.95	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	245.90%#
48) 1,1,2,2-Tetrachloroethane-	12.71	84	471496	42.81	ug/L	0.01
Spiked Amount	25.000	Range	45 - 120	Recovery	=	171.24%#
61) 1,2-Dichlorobenzene-d4	13.87	152	340934	23.09	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	92.36%

Target Compounds

						Ovalue
13) Acetone	4.13	43	184313	56.51	ug/L	97
30) Cyclohexane	7.93	56	5921612	336.16	ug/L	# 75
36) Methylcyclohexane	9.34	83	26030548m	1292.06	ug/L	
44) Toluene	10.40	91	267113m	6.15	ug/L	
53) Ethylbenzene	11.73	91	23257921m	480.57	ug/L	
54) m,p-Xylene	11.84	106	18195129	989.33	ug/L	# 35
55) o-xylene	12.18	106	826107	47.53	ug/L	93
57) Isopropylbenzene	12.48	105	12734064	270.50	ug/L	96

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

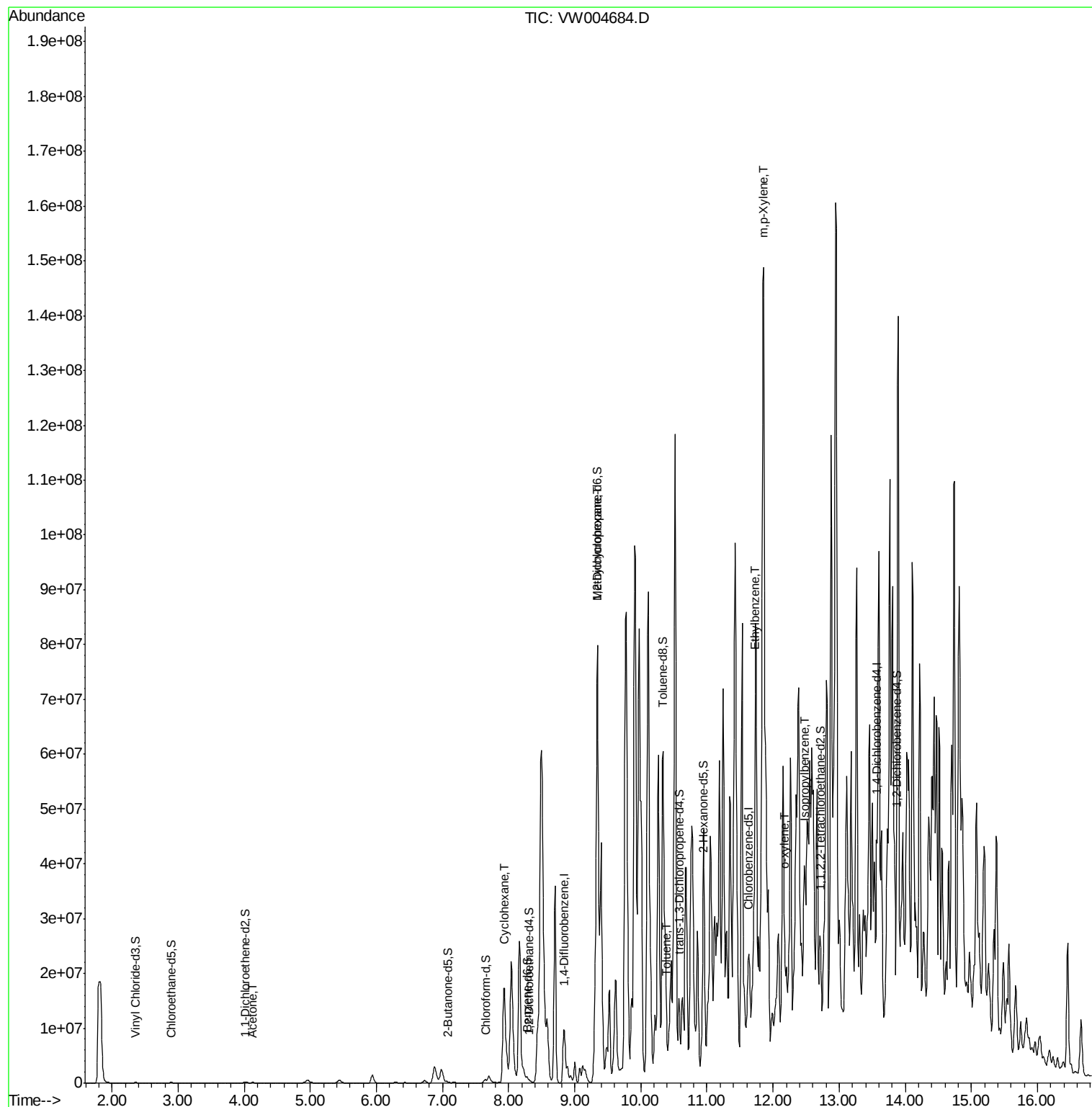
Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW081518\
Data File : VW004684.D
Acq On : 15 Aug 2018 00:20
Operator : SY/AP
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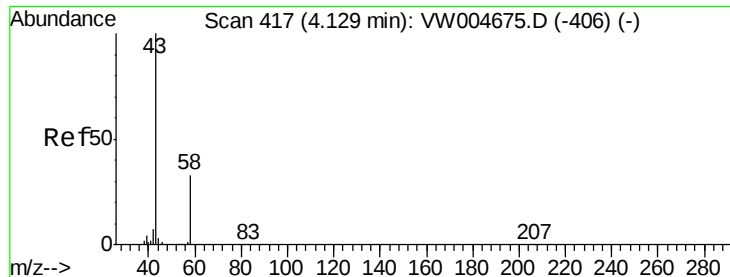
Instrument :
MSVOA_W
ClientSampleId :
GAB07

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Quant Time: Aug 17 09:57:08 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM081418S.M
Quant Title : VOC Analysis
QLast Update : Tue Aug 14 12:36:48 2018
Response via : Initial Calibration





#13

Acetone

Concen: 56.51 ug/L

RT: 4.13 min Scan# 417

Delta R.T. -0.01 min

Lab File: VW004684.D

Acq: 15 Aug 2018 00:20

Instrument :

MSVOA_W

ClientSampled :

GAB07

Tot Ion: 43 Resp: 184313

Ion Ratio Lower Upper

43 100

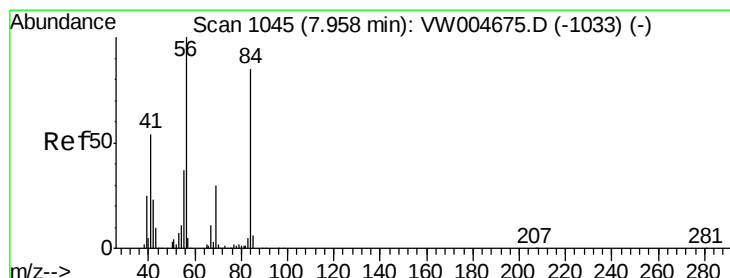
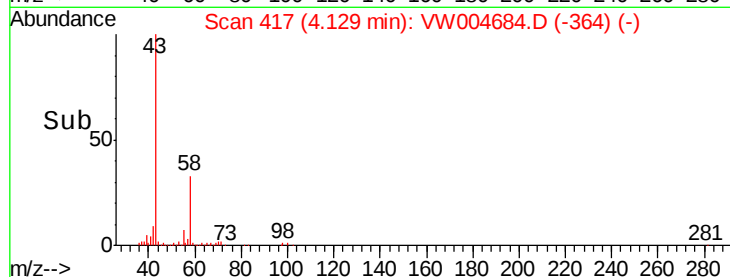
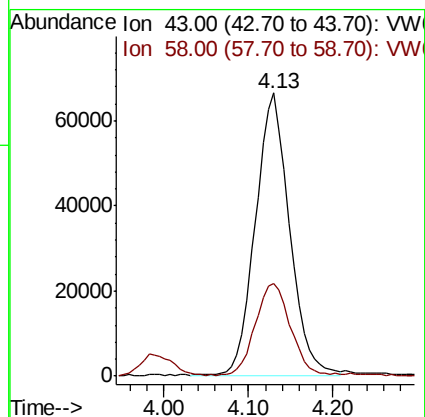
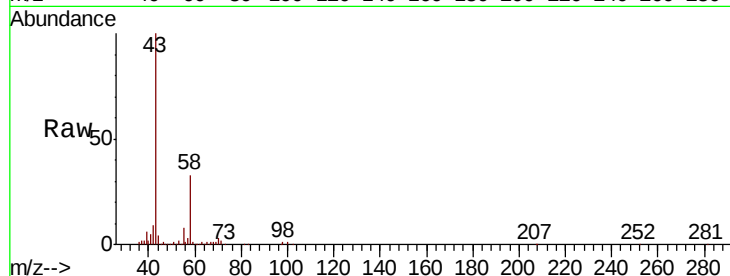
58 33.2 0.0 69.4

Manual Integrations

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#30

Cyclohexane

Concen: 336.16 ug/L

RT: 7.93 min Scan# 1041

Delta R.T. -0.02 min

Lab File: VW004684.D

Acq: 15 Aug 2018 00:20

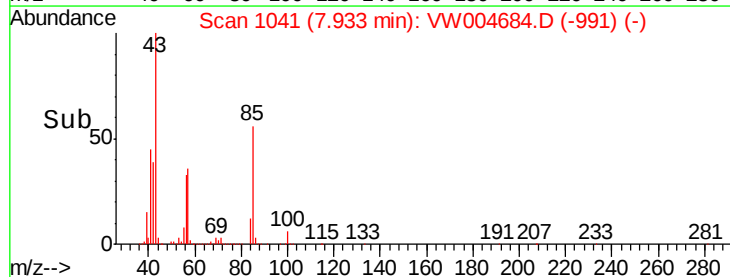
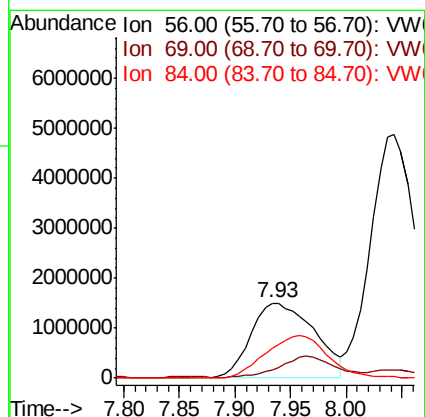
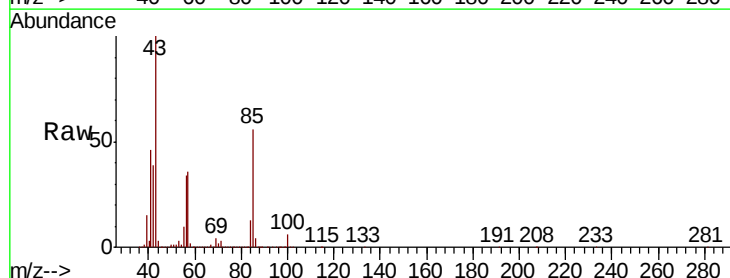
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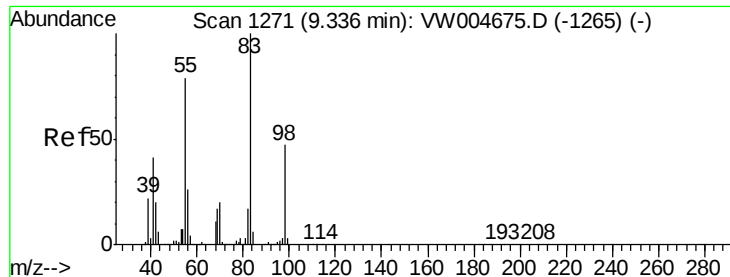
Ion Ratio Lower Upper

56 100

69 23.4 23.9 35.9#

84 56.1 66.4 99.6#





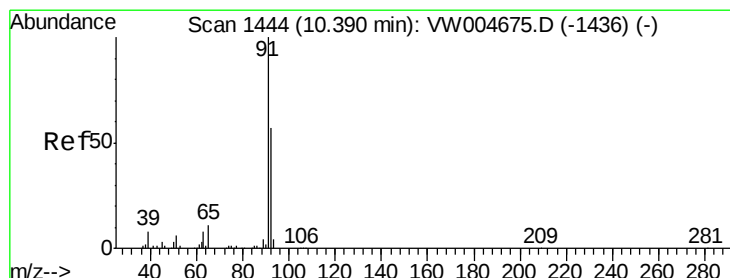
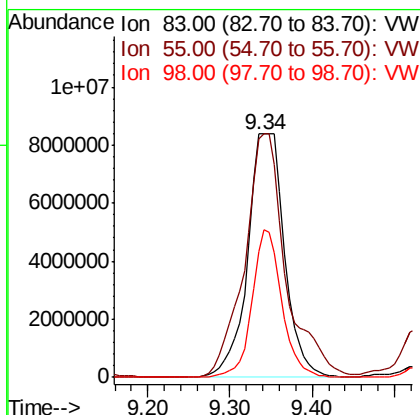
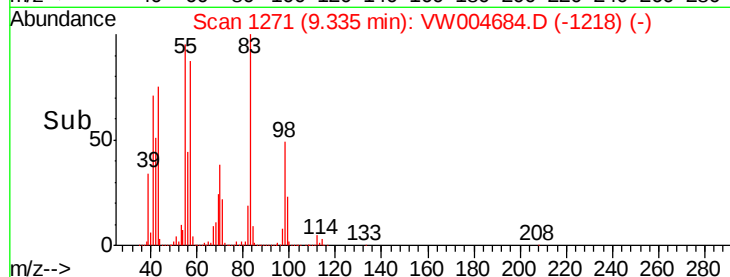
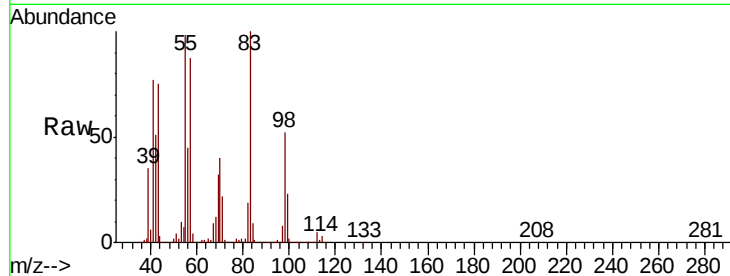
#36
Methvlcvclohexane
Concen: 1292.06 ug/L m
RT: 9.34 min Scan# 1271
Delta R.T. -0.01 min
Lab File: VW004684.D
Acq: 15 Aug 2018 00:20

Instrument :
MSVOA_W
ClientSampled :
GAB07

Tot Ion: 83 Resp:26030548
Ion Ratio Lower Upper
83 100
55 12.8 61.4 92.2#
98 2.5 36.2 54.4#

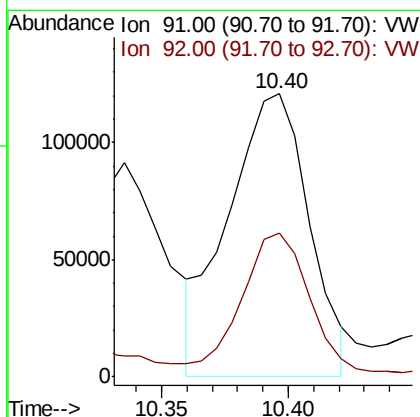
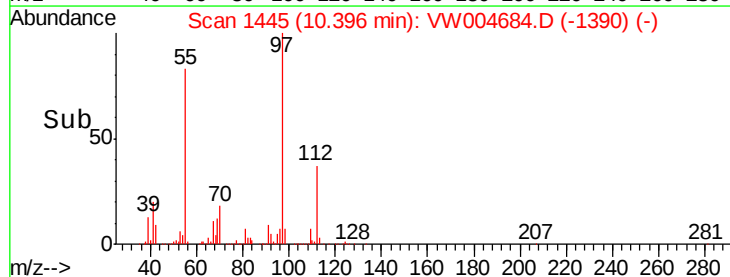
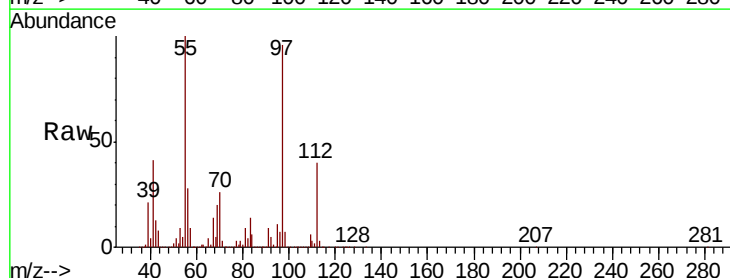
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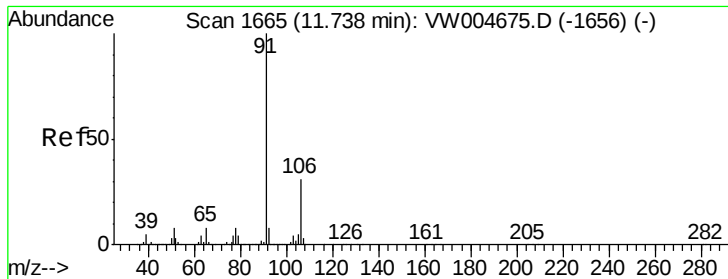
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#44
Toluene
Concen: 6.15 ug/L m
RT: 10.40 min Scan# 1445
Delta R.T. 0.01 min
Lab File: VW004684.D
Acq: 15 Aug 2018 00:20

Tgt Ion: 91 Resp: 267113
Ion Ratio Lower Upper
91 100
92 50.8 40.3 74.8





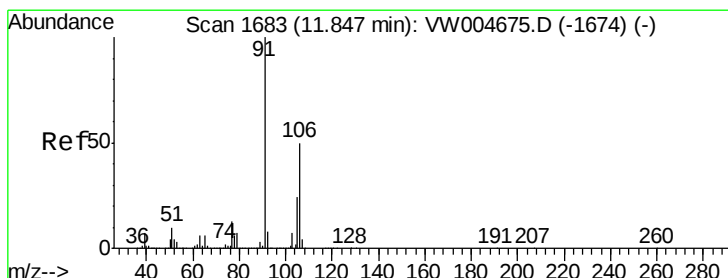
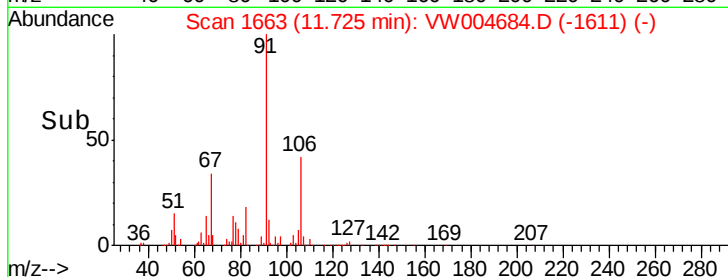
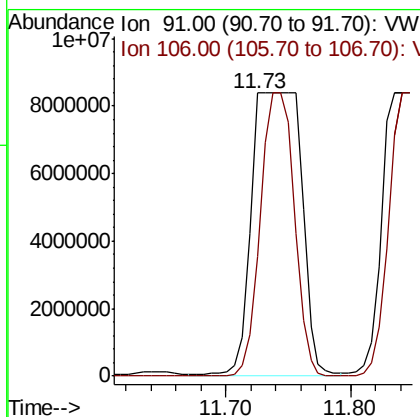
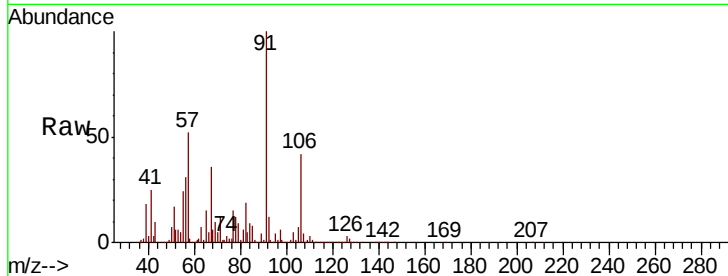
#53
Ethylbenzene
Concen: 480.57 ug/L m
RT: 11.73 min Scan# 1663
Delta R.T. -0.01 min
Lab File: VW004684.D
Acq: 15 Aug 2018 00:20

Instrument :
MSVOA_W
ClientSampleId :
GAB07

Tot Ion: 91 Resp:23257921
Ion Ratio Lower Upper
91 100
106 42.1 22.0 40.8#

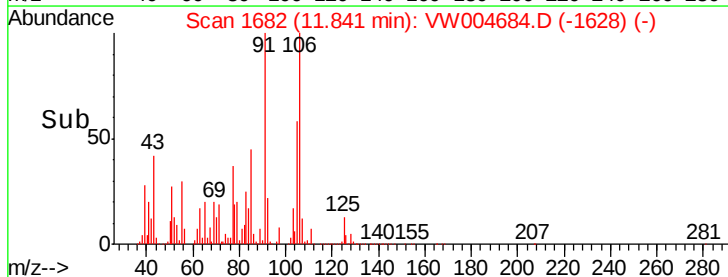
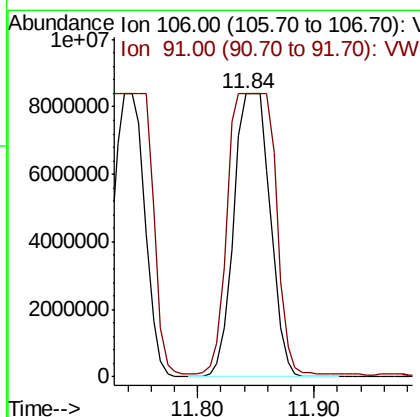
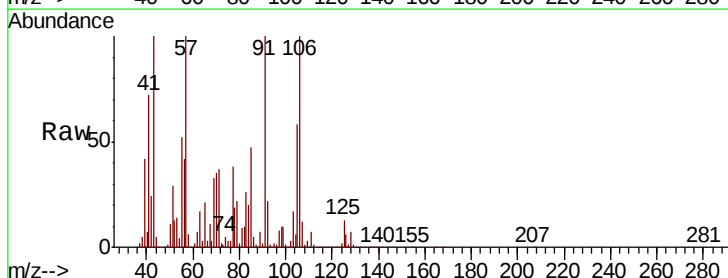
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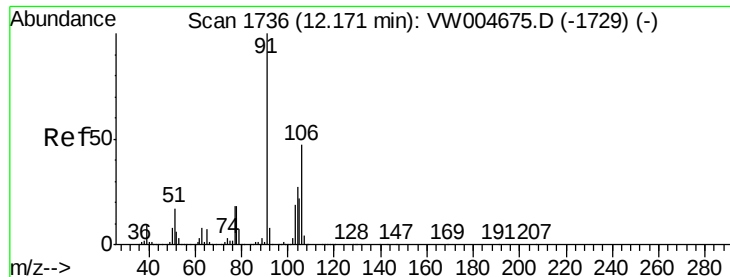
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#54
m,p-Xylene
Concen: 989.33 ug/L
RT: 11.84 min Scan# 1682
Delta R.T. -0.00 min
Lab File: VW004684.D
Acq: 15 Aug 2018 00:20

Tgt Ion:106 Resp:18195129
Ion Ratio Lower Upper
106 100
91 100.0 139.2 258.4#





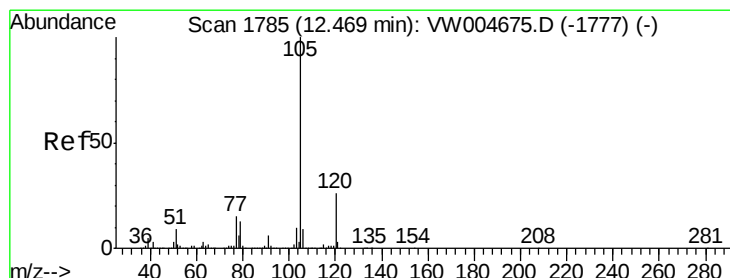
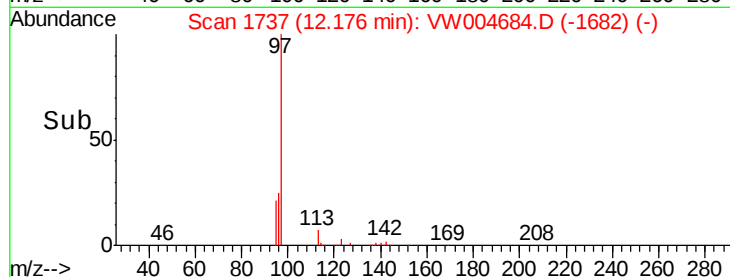
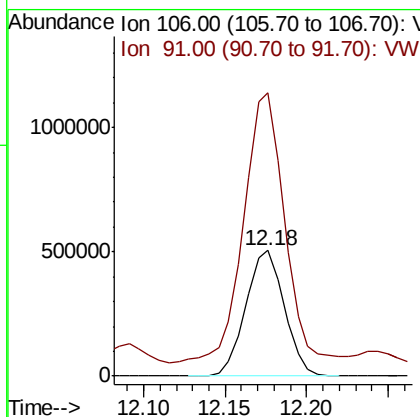
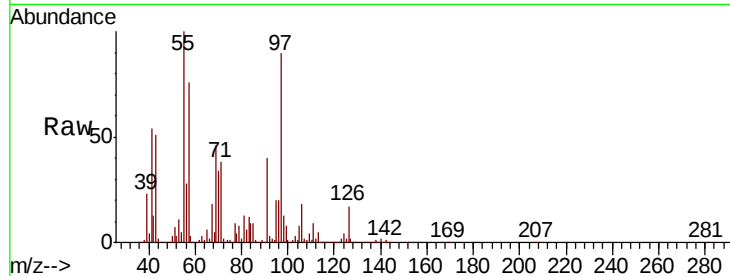
#55
o-xylene
Concen: 47.53 ug/L
RT: 12.18 min Scan# 1737
Delta R.T. 0.01 min
Lab File: VW004684.D
Acq: 15 Aug 2018 00:20

Instrument :
MSVOA_W
ClientSampled :
GAB07

Tot Ion	Ratio	Lower	Upper
106	100		
91	225.6	150.1	278.7

Manual Integrations
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8/16/2018 11:45:49 AM



#57
Isopropylbenzene
Concen: 270.50 ug/L
RT: 12.48 min Scan# 1786
Delta R.T. 0.01 min
Lab File: VW004684.D
Acq: 15 Aug 2018 00:20

Tgt Ion	Ratio	Lower	Upper
105	100		
120	27.8	21.2	31.8
77	17.9	12.1	18.1

