

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW081020\
 Data File : VW016118.D
 Acq On : 10 Aug 2020 22:40
 Operator : SY/VA
 Sample : L3599-01
 Misc : 6.69G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 GAY79

Manual Integrations
 APPROVED

MMDadoda
 8/11/2020 8:23:04 AM

Quant Time: Aug 11 02:43:21 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM081020S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Aug 11 01:19:31 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	372432	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	329172	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	103184	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	109619	23.74	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	94.96%
7) Chloroethane-d5	2.89	69	80773	23.05	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	92.20%
10) 1,1-Dichloroethene-d2	4.01	63	168719	17.20	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	68.80%
20) 2-Butanone-d5	7.09	46	81980	67.47	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	134.94%
24) Chloroform-d	7.65	84	234485	23.46	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	93.84%
26) 1,2-Dichloroethane-d4	8.31	65	146717	27.64	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	110.56%
29) Benzene-d6	8.27	84	452802	25.29	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	101.16%
33) 1,2-Dichloropropane-d6	9.27	67	136844	25.99	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	103.96%
37) Toluene-d8	10.33	98	395965	24.11	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	96.44%
38) trans-1,3-Dichloropropene-	10.58	79	63231	26.72	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	106.88%
39) 2-Hexanone-d5	10.93	63	64954	71.50	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	143.00%#
48) 1,1,1,2,2-Tetrachloroethane-	12.69	84	132377	30.88	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	123.52%#
61) 1,2-Dichlorobenzene-d4	13.86	152	95235	26.04	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	104.16%

Target Compounds

					Ovalue
13) Acetone	4.14	43	5028	5.470 ug/L	66
30) Cyclohexane	7.95	56	7635m	1.066 ug/L	
34) Benzene	8.32	78	60244	3.174 ug/L	100
36) Methylcyclohexane	9.34	83	12124	1.442 ug/L	# 85
44) Toluene	10.39	91	53839	2.687 ug/L	96
53) Ethylbenzene	11.73	91	20551	0.904 ug/L	99
54) m,p-Xylene	11.84	106	5515	0.645 ug/L	99

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

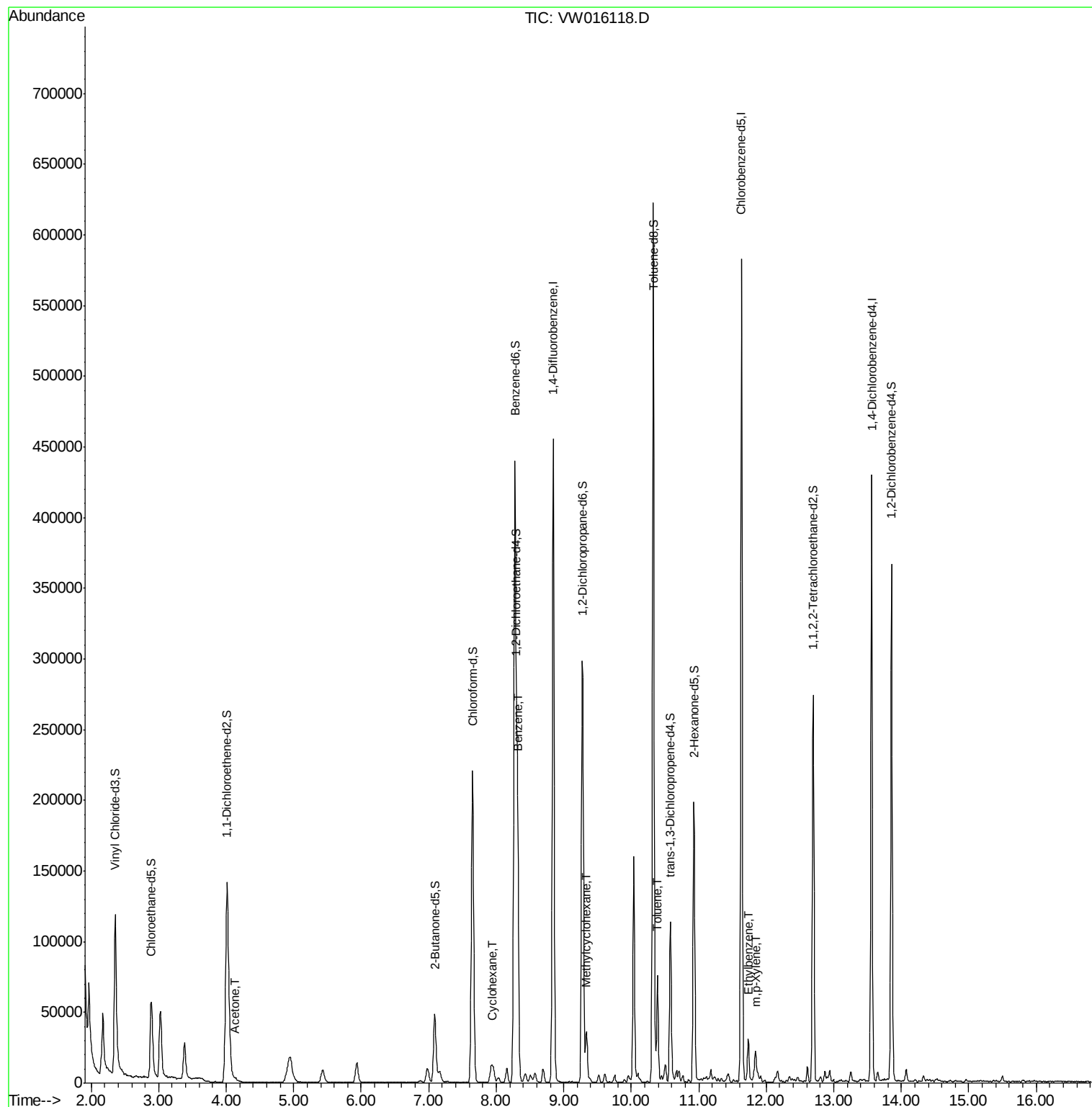
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW081020\
Data File : VW016118.D
Acq On : 10 Aug 2020 22:40
Operator : SY/VA
Sample : L3599-01
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ALS Vial : 1 Sample Multiplier: 1

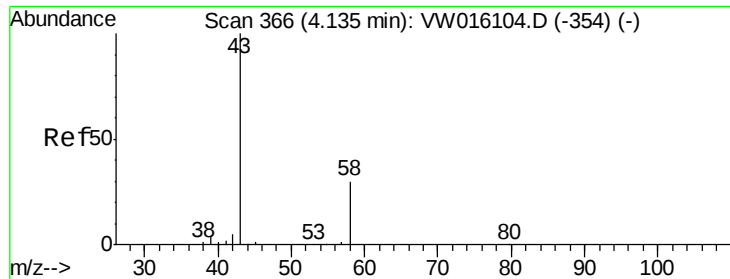
Instrument :
MSVOA_W
ClientSampleId :
GAY79

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Quant Time: Aug 11 02:43:21 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM081020S.M
Quant Title : VOC Analysis
QLast Update : Tue Aug 11 01:19:31 2020
Response via : Initial Calibration





#13

Acetone

Concen: 5.470 ug/L

RT: 4.14 min Scan# 367

Delta R.T. 0.01 min

Lab File: VW016118.D

Acq: 10 Aug 2020 22:40

Instrument :

MSVOA_W

ClientSampleId :

GAY79

Tot Ion: 43 Resp: 5028

Ion Ratio Lower Upper

43 100

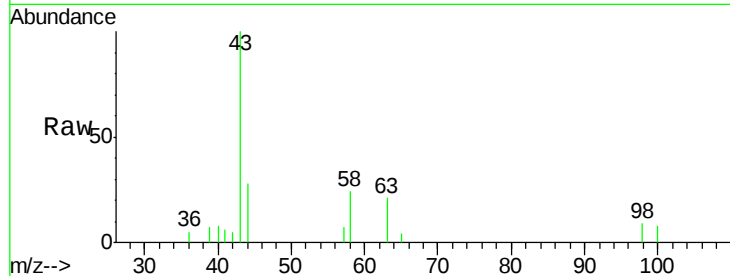
58 11.3 0.0 59.4

Manual Integrations

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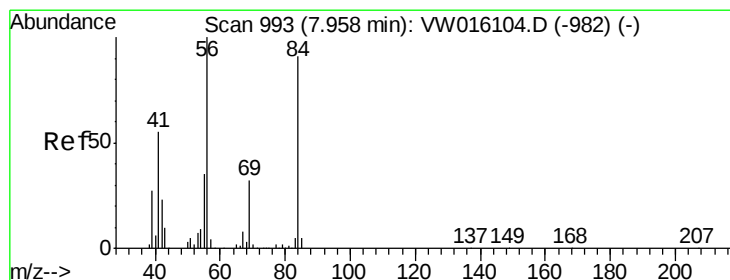
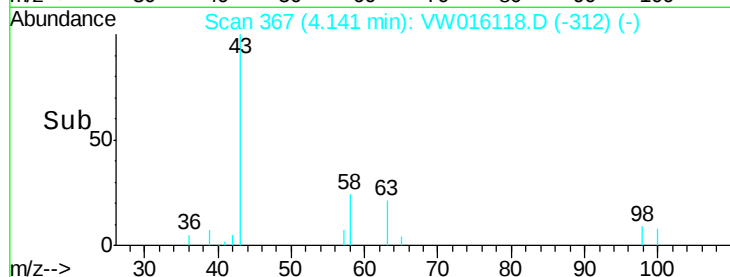
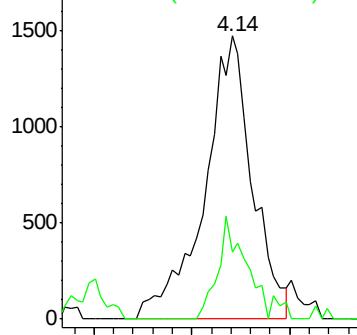
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Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#30

Cyclohexane

Concen: 1.066 ug/L m

RT: 7.95 min Scan# 991

Delta R.T. -0.01 min

Lab File: VW016118.D

Acq: 10 Aug 2020 22:40

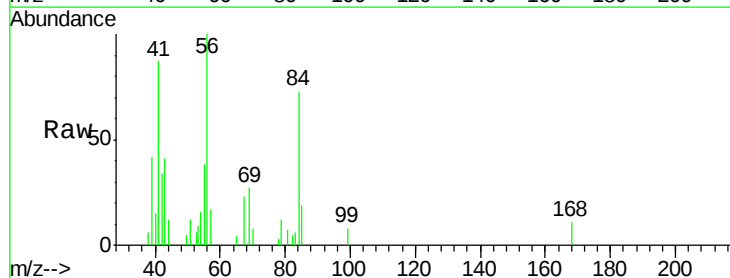
Tgt Ion: 56 Resp: 7635

Ion Ratio Lower Upper

56 100

69 11.4 25.4 38.0#

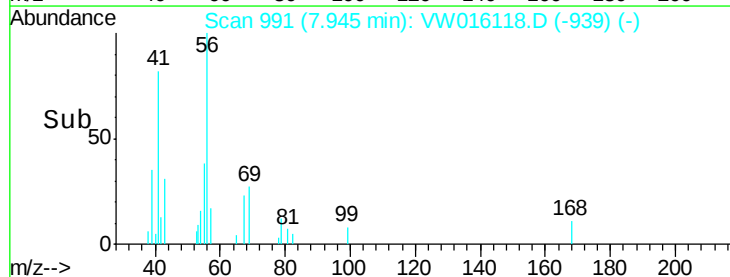
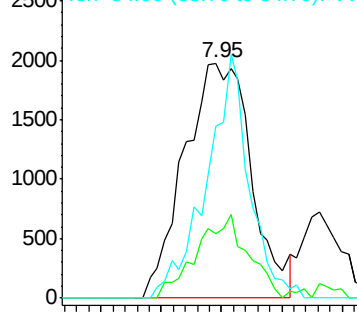
84 0.0 73.0 109.6#

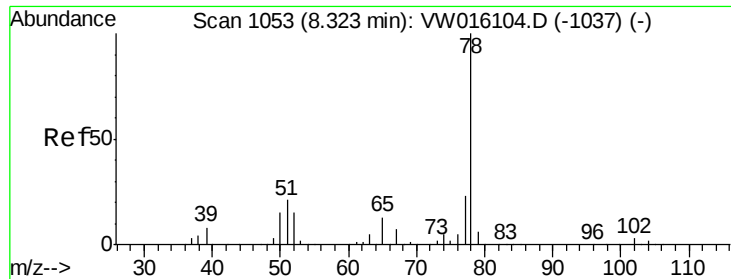


Abundance Ion 56.00 (55.70 to 56.70): VW

Ion 69.00 (68.70 to 69.70): VW

Ion 84.00 (83.70 to 84.70): VW





#34

Benzene

Concen: 3.174 ug/L

RT: 8.32 min Scan# 1053

Delta R.T. -0.00 min

Lab File: VW016118.D

Acq: 10 Aug 2020 22:40

Instrument :

MSVOA_W

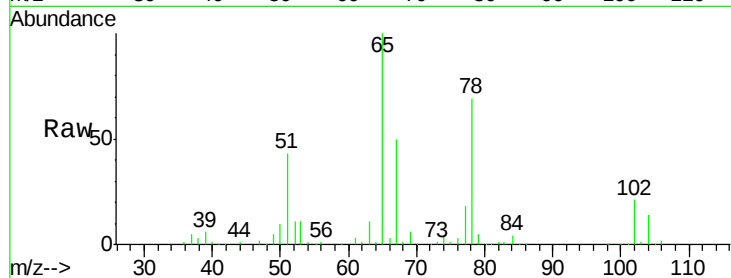
ClientSampleId :

GAY79

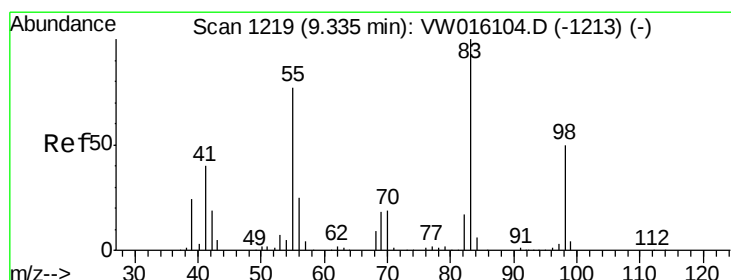
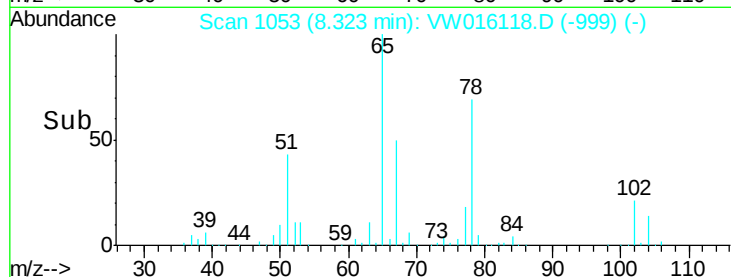
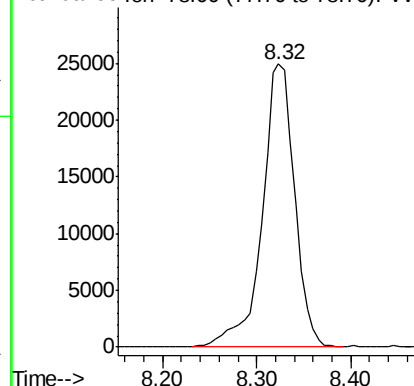
Tgt Ion: 78 Resp: 60244

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Abundance Ion 78.00 (77.70 to 78.70): VW



#36

Methylcyclohexane

Concen: 1.442 ug/L

RT: 9.34 min Scan# 1219

Delta R.T. -0.00 min

Lab File: VW016118.D

Acq: 10 Aug 2020 22:40

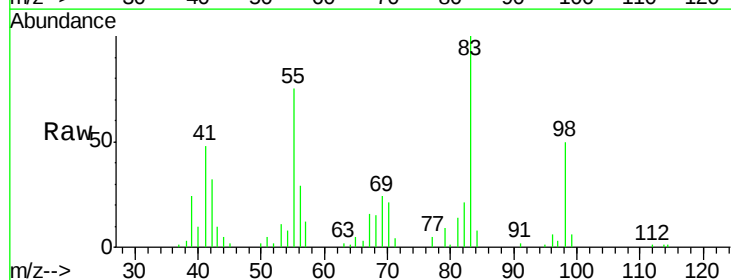
Tgt Ion: 83 Resp: 12124

Ion	Ratio	Lower	Upper
83	100		
55	93.8	60.7	91.1#
98	53.9	39.4	59.0

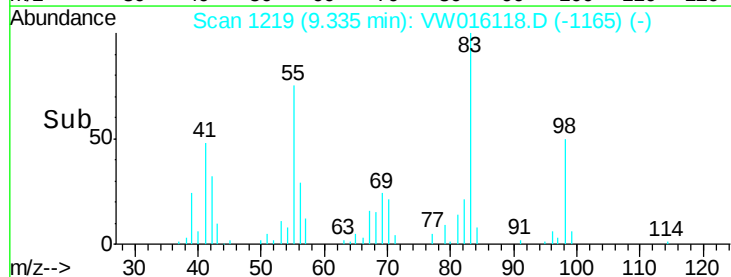
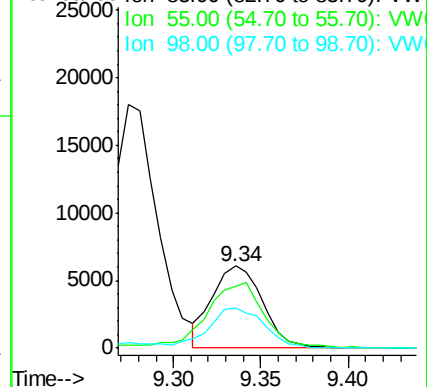
83 100

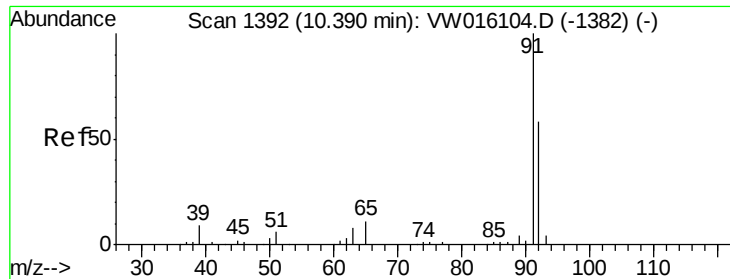
55 93.8 60.7 91.1#

98 53.9 39.4 59.0



Abundance Ion 83.00 (82.70 to 83.70): VW





#44

Toluene

Concen: 2.687 ug/L

RT: 10.39 min Scan# 1392

Delta R.T. -0.00 min

Lab File: VW016118.D

Acq: 10 Aug 2020 22:40

Instrument :

MSVOA_W

ClientSampled :

GAY79

Tot Ion: 91 Resp: 53839

Ion Ratio Lower Upper

91 100

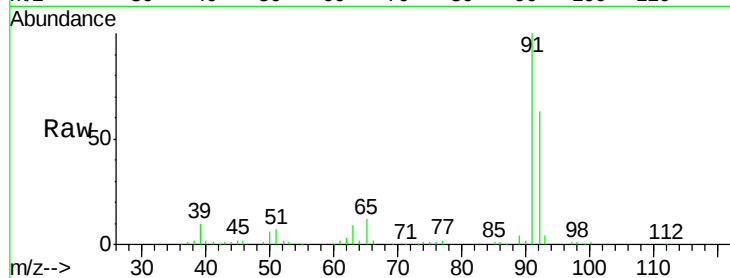
92 62.9 41.8 77.6

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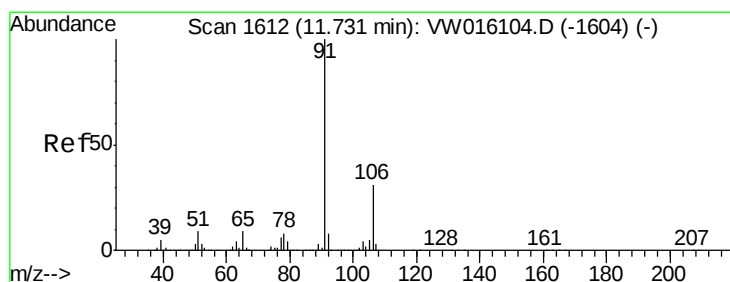
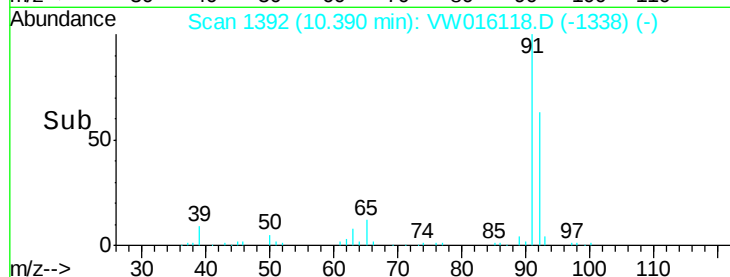
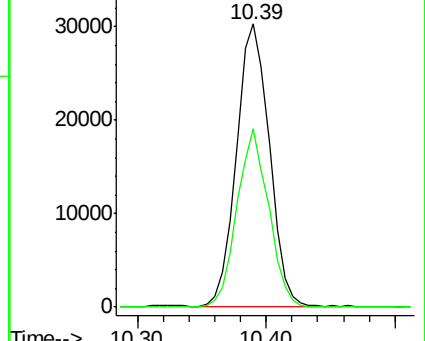
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Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 92.00 (91.70 to 92.70): VW



#53

Ethylbenzene

Concen: 0.904 ug/L

RT: 11.73 min Scan# 1612

Delta R.T. -0.00 min

Lab File: VW016118.D

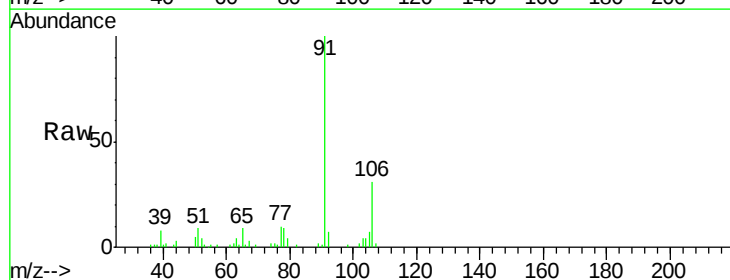
Acq: 10 Aug 2020 22:40

Tgt Ion: 91 Resp: 20551

Ion Ratio Lower Upper

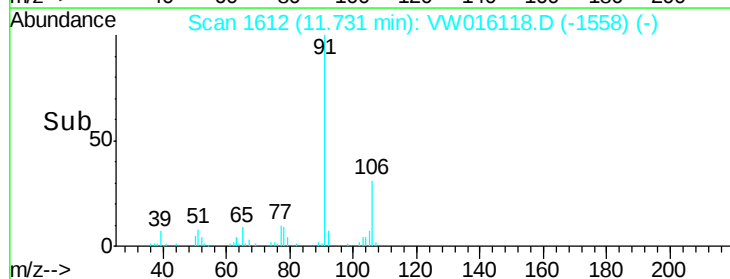
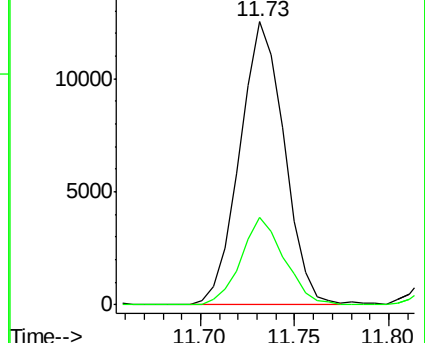
91 100

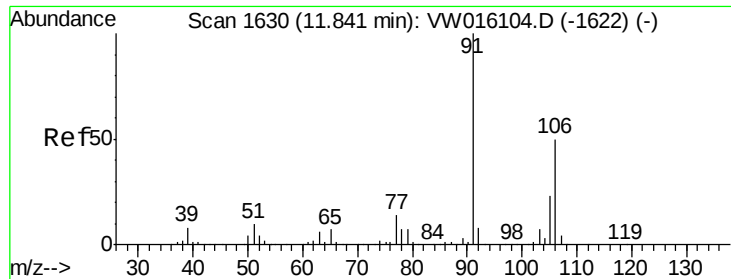
106 30.8 21.8 40.4



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 106.00 (105.70 to 106.70): V





#54
 m.p-Xylene
 Concen: 0.645 ug/L
 RT: 11.84 min Scan# 1630
 Delta R.T. -0.00 min
 Lab File: VW016118.D
 Acq: 10 Aug 2020 22:40

Instrument :
 MSVOA_W
 ClientSampleId :
 GAY79

Tot Ion	Ratio	Lower	Upper
106	100		
91	192.8	136.4	253.2

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