

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW092520\
 Data File : VW016646.D
 Acq On : 24 Sep 2020 17:36
 Operator : SY/VA
 Sample : VIBLK10
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VIBLK10

Quant Time: Sep 25 08:45:26 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM091520S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Sep 25 07:55:30 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	621978	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	552969	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	273419	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.37	65	89682	14.90	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	59.60%
7) Chloroethane-d5	2.91	69	81630	16.61	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	66.44%
10) 1,1-Dichloroethene-d2	4.03	63	158467	11.77	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	47.08%
20) 2-Butanone-d5	7.09	46	63384	38.62	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	77.24%
24) Chloroform-d	7.66	84	273641	21.03	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	84.12%
26) 1,2-Dichloroethane-d4	8.31	65	140573	21.05	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	84.20%
29) Benzene-d6	8.28	84	486633	19.62	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	78.48%
33) 1,2-Dichloropropane-d6	9.28	67	140635	20.93	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	83.72%
37) Toluene-d8	10.33	98	452016	18.53	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	74.12%
38) trans-1,3-Dichloropropene-	10.59	79	64924	19.16	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	76.64%
39) 2-Hexanone-d5	10.93	63	50600	41.40	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	82.80%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	120363	21.05	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	84.20%
61) 1,2-Dichlorobenzene-d4	13.85	152	196252	22.46	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	89.84%

Target Compounds

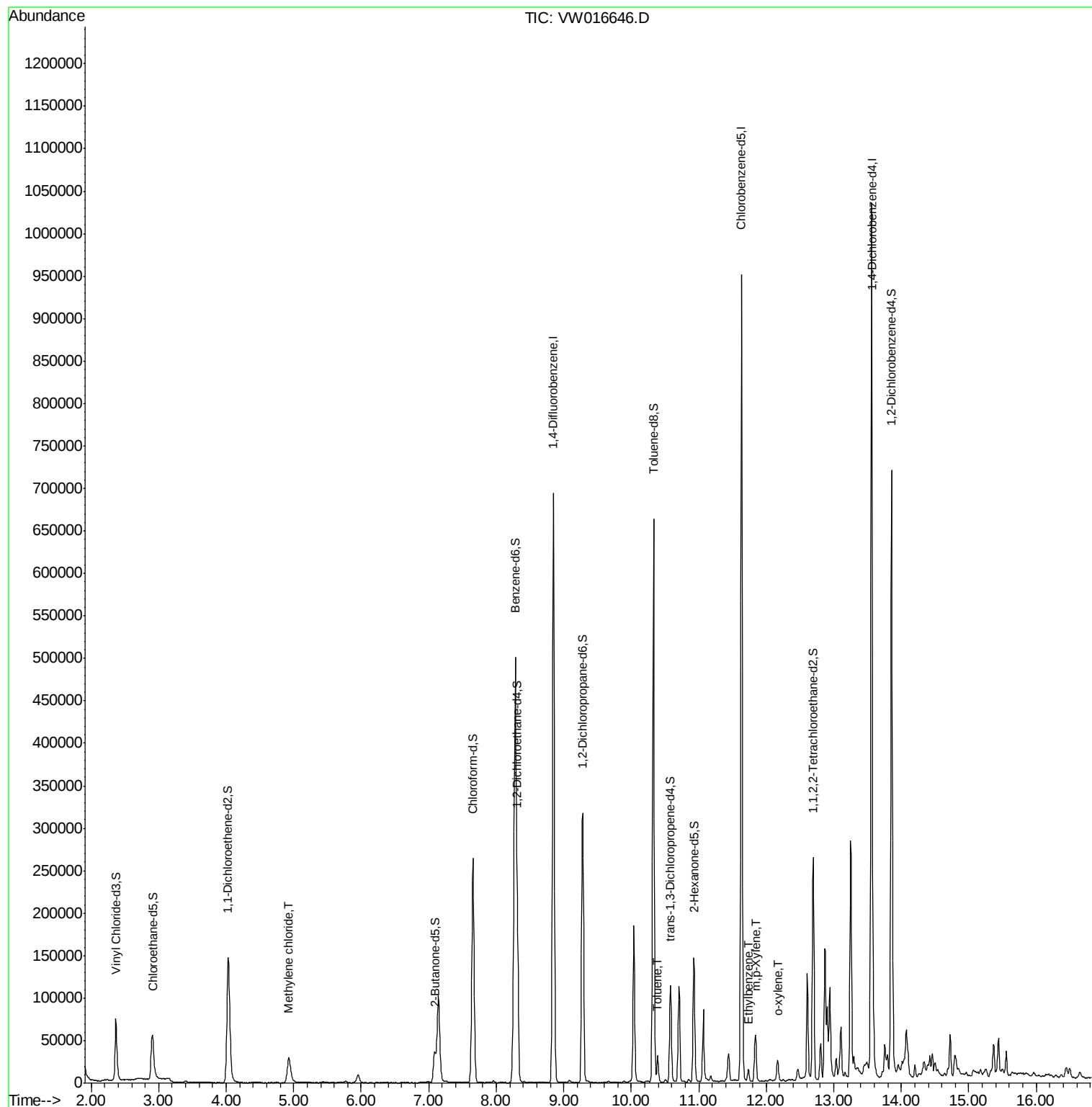
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
16) Methylene chloride	4.93	84	26857	2.800	ug/L	98
44) Toluene	10.39	91	22049	0.662	ug/L	97
53) Ethylbenzene	11.73	91	9499	0.251	ug/L	89
54) m,p-Xylene	11.84	106	16520	1.115	ug/L	96
55) o-xylene	12.17	106	6834	0.481	ug/L	91

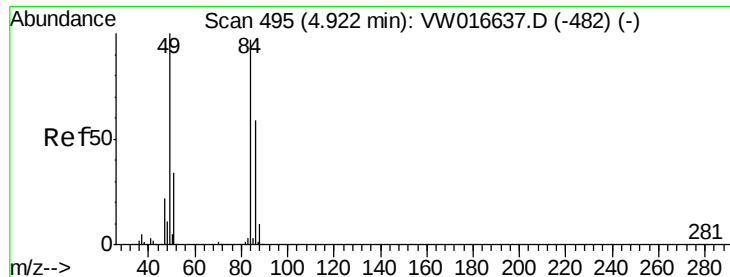
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 11 Sample Multiplier: 1

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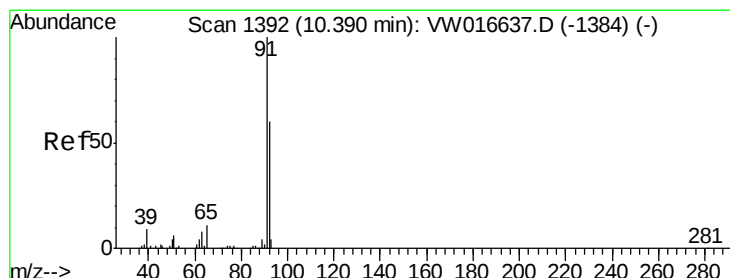
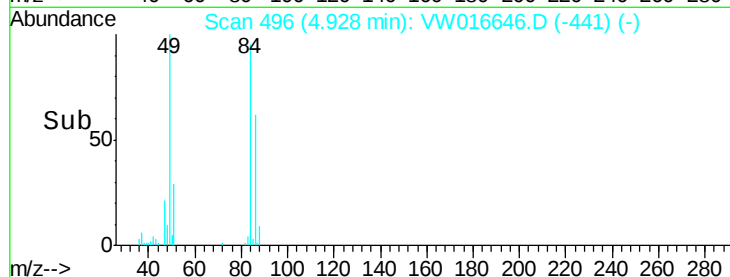
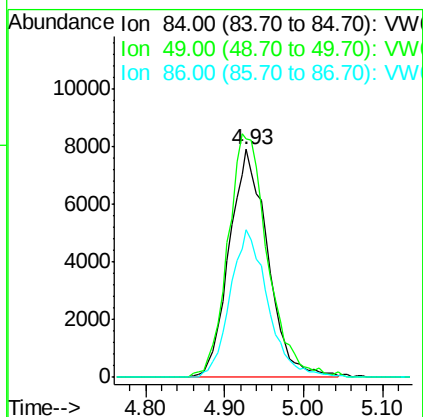
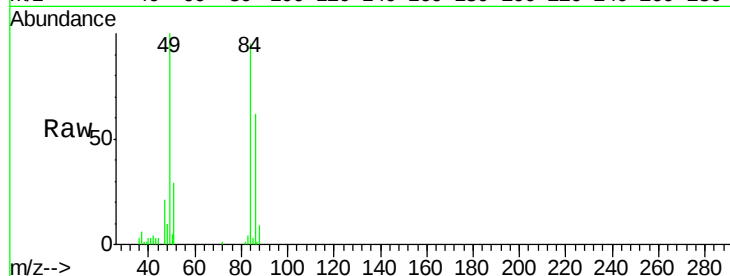




#16
Methvlene chloride
Concen: 2.800 ug/L
RT: 4.93 min Scan# 496
Delta R.T. 0.01 min
Lab File: VW016646.D
Acq: 24 Sep 2020 17:36

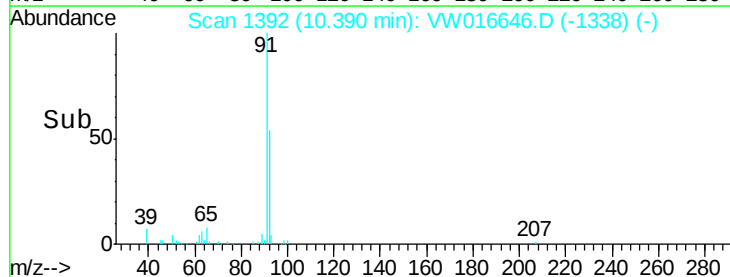
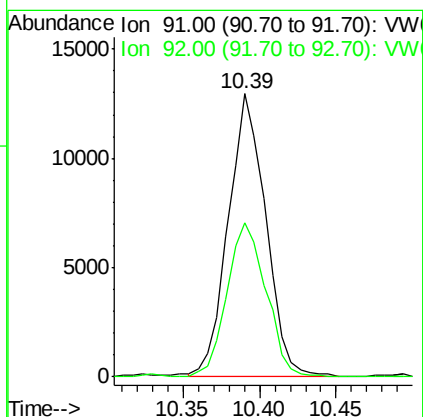
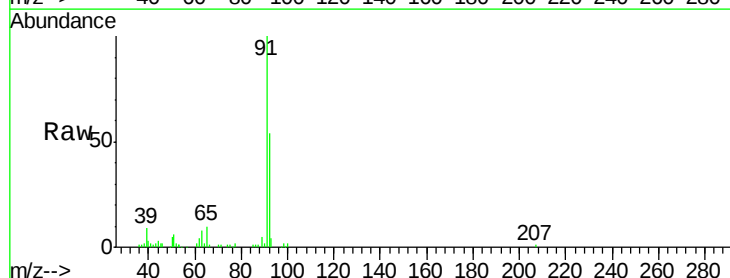
Instrument :
MSVOA_W
ClientSampled :
VIBLK10

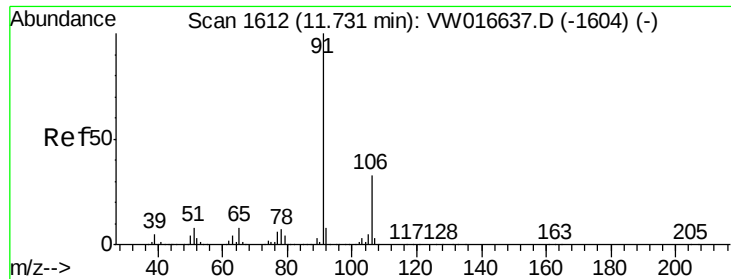
Tot Ion: 84 Resp: 26857
Ion Ratio Lower Upper
84 100
49 104.9 76.0 141.2
86 64.7 45.6 84.6



#44
Toluene
Concen: 0.662 ug/L
RT: 10.39 min Scan# 1392
Delta R.T. 0.00 min
Lab File: VW016646.D
Acq: 24 Sep 2020 17:36

Tgt Ion: 91 Resp: 22049
Ion Ratio Lower Upper
91 100
92 54.4 39.6 73.6

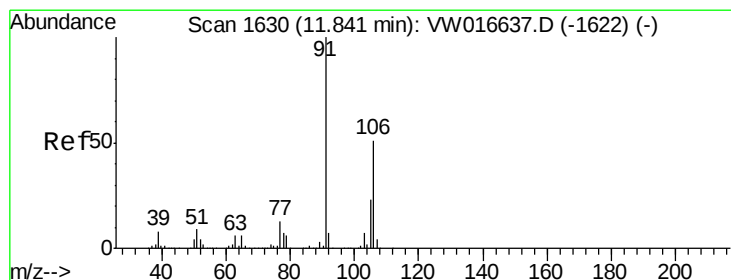
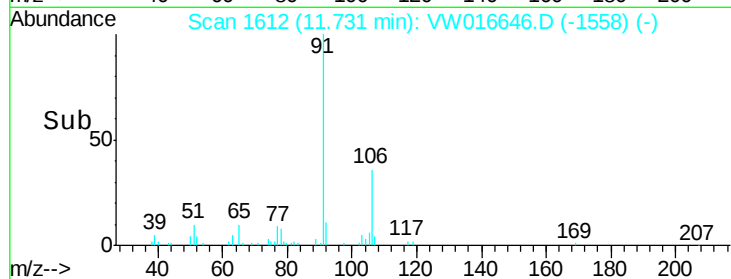
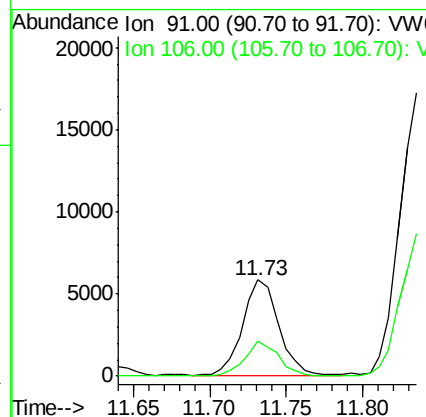
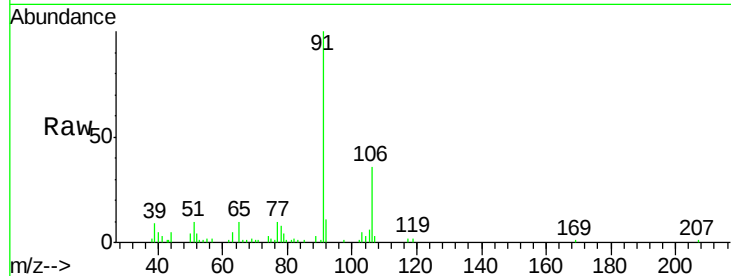




#53
Ethylbenzene
Concen: 0.251 ug/L
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW016646.D
Acq: 24 Sep 2020 17:36

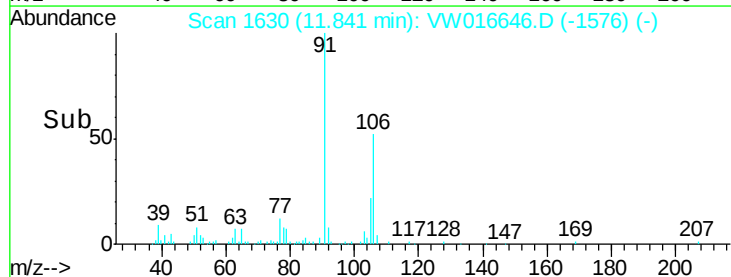
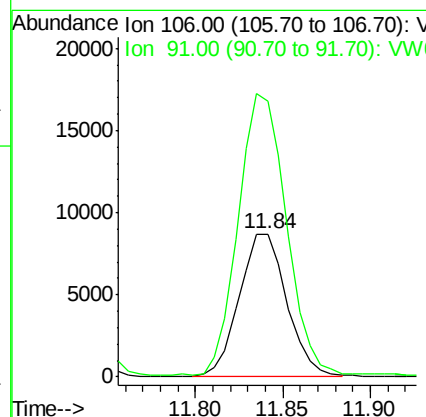
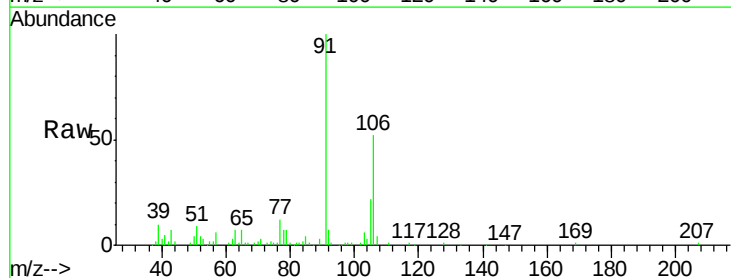
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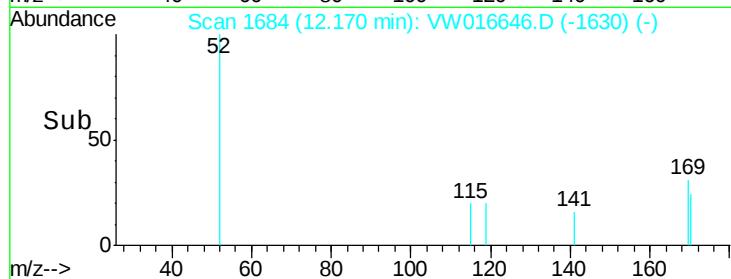
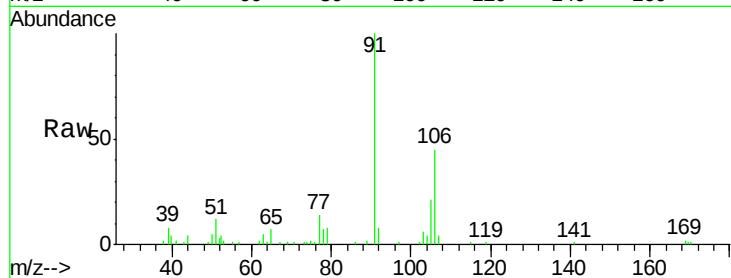
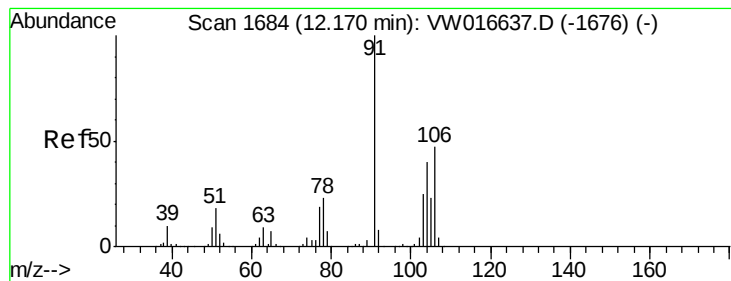
Tot Ion: 91 Resp: 9499
Ion Ratio Lower Upper
91 100
106 35.7 20.7 38.5



#54
m,p-Xylene
Concen: 1.115 ug/L
RT: 11.84 min Scan# 1630
Delta R.T. 0.00 min
Lab File: VW016646.D
Acq: 24 Sep 2020 17:36

Tgt Ion: 106 Resp: 16520
Ion Ratio Lower Upper
106 100
91 193.4 139.7 259.5





#55

o-xylene

Concen: 0.481 ug/L

RT: 12.17 min Scan# 1684

Delta R.T. 0.00 min

Lab File: VW016646.D

Acq: 24 Sep 2020 17:36

Instrument :

MSVOA_W

ClientSampleId :

VIBLK10

Tot Ion:106 Resp: 6834

Ion Ratio Lower Upper

106 100

91 220.7 144.8 268.8

