

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW062920\
 Data File : VW015763.D
 Acq On : 29 Jun 2020 15:22
 Operator : SY/VA
 Sample : L3131-04
 Misc : 4.60G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BG2L9

Quant Time: Jun 30 03:40:24 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM062920S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Jun 30 03:03:23 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	323536	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	273108	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	94516	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	110987	21.13	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	84.52%
7) Chloroethane-d5	2.90	69	90461	21.09	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	84.36%
10) 1,1-Dichloroethene-d2	4.02	63	153273	16.43	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	65.72%
20) 2-Butanone-d5	7.09	46	46584	42.03	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	84.06%
24) Chloroform-d	7.65	84	193516	21.46	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	85.84%
26) 1,2-Dichloroethane-d4	8.31	65	113041	22.04	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	88.16%
29) Benzene-d6	8.28	84	381726	23.44	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	93.76%
33) 1,2-Dichloropropane-d6	9.27	67	113210	23.48	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	93.92%
37) Toluene-d8	10.32	98	340501	22.47	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	89.88%
38) trans-1,3-Dichloropropene-	10.58	79	43459	20.35	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	81.40%
39) 2-Hexanone-d5	10.93	63	33795	43.02	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	86.04%
48) 1,1,1,2,2-Tetrachloroethane-	12.69	84	75917	20.54	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	82.16%
61) 1,2-Dichlorobenzene-d4	13.85	152	78072	21.30	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	85.20%

Target Compounds

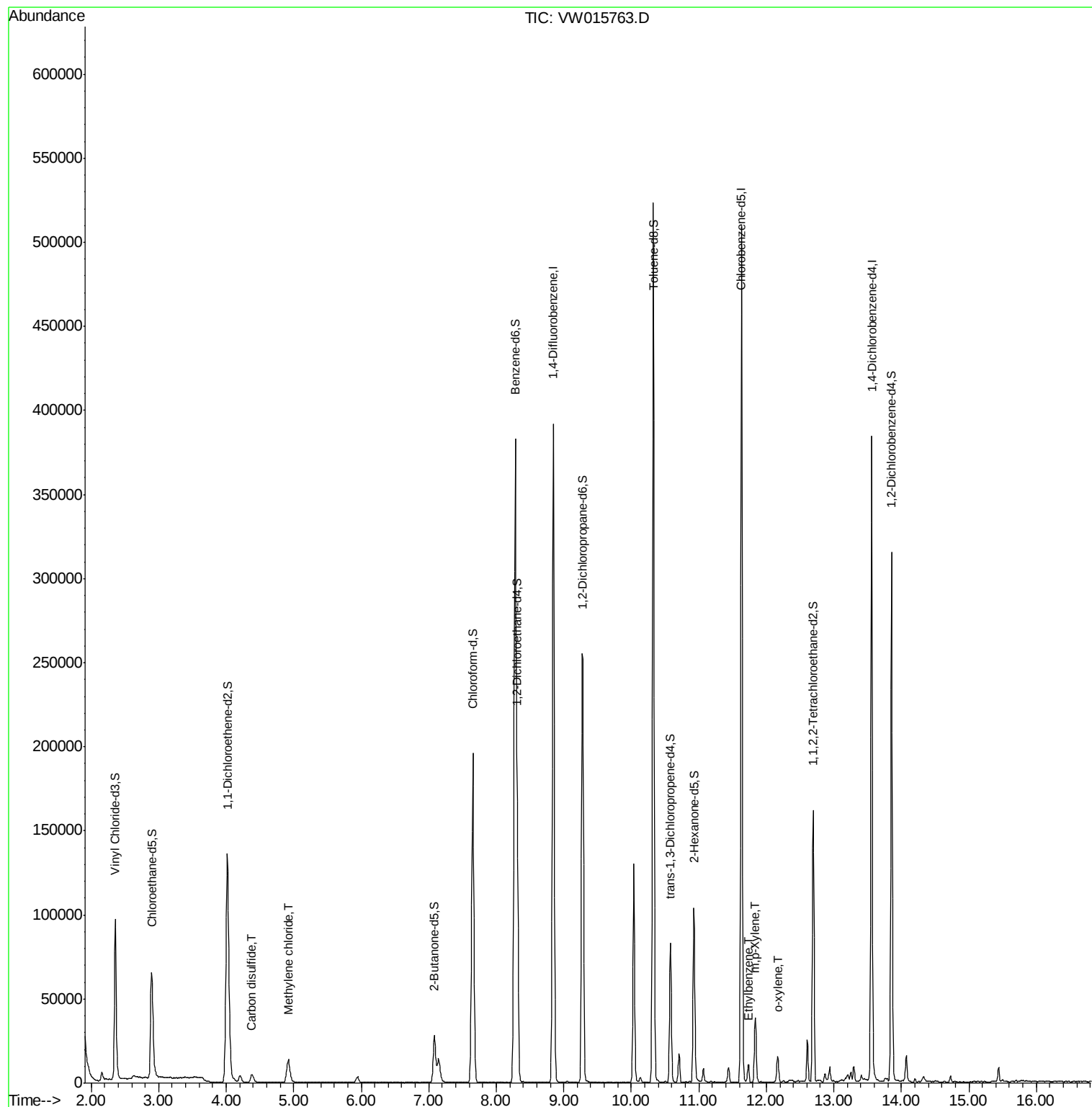
					Ovalue
14) Carbon disulfide	4.38	76	9044	0.774 ug/L	98
16) Methylene chloride	4.93	84	11116	2.342 ug/L	92
53) Ethylbenzene	11.73	91	7549	0.410 ug/L	99
54) m,p-Xylene	11.84	106	11255	1.634 ug/L	99
55) o-xylene	12.16	106	3734	0.567 ug/L	90

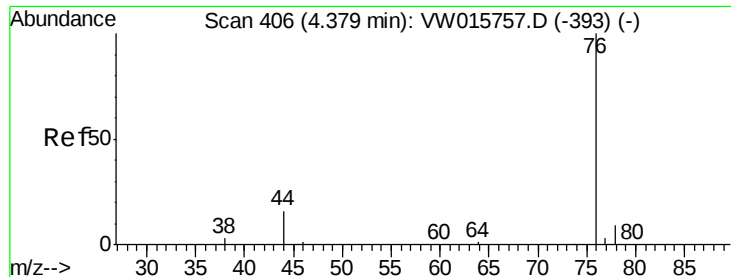
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Tue Jun 30 03:03:23 2020
Response via : Initial Calibration





#14

Carbon disulfide

Concen: 0.774 ug/L

RT: 4.38 min Scan# 406

Delta R.T. -0.00 min

Lab File: VW015763.D

Acq: 29 Jun 2020 15:22

Instrument :

MSVOA_W

ClientSampleId :

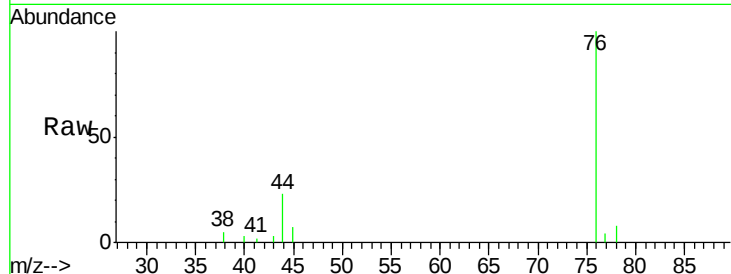
BG2L9

Tot Ion: 76 Resp: 9044

Ion Ratio Lower Upper

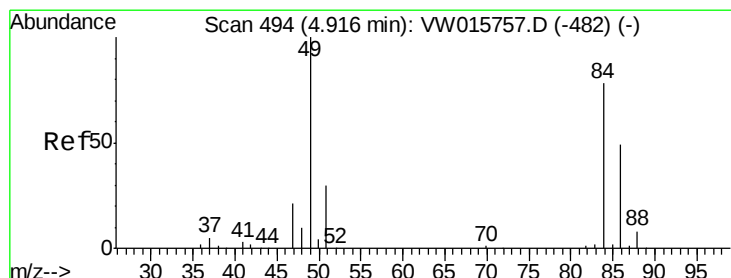
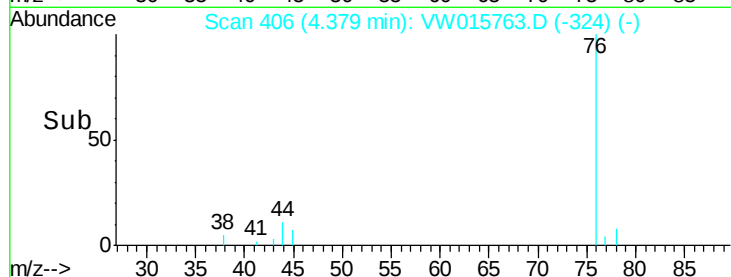
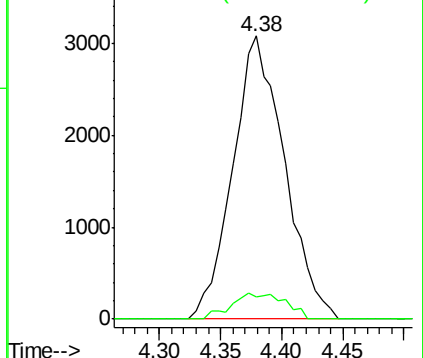
76 100

78 8.0 6.9 10.3



Abundance Ion 76.00 (75.70 to 76.70): VW

Ion 78.00 (77.70 to 78.70): VW



#16

Methylene chloride

Concen: 2.342 ug/L

RT: 4.93 min Scan# 496

Delta R.T. 0.01 min

Lab File: VW015763.D

Acq: 29 Jun 2020 15:22

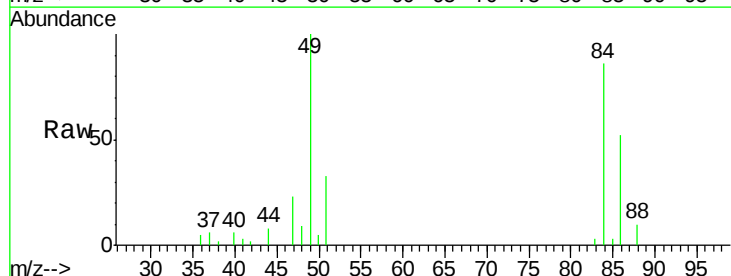
Tgt Ion: 84 Resp: 11116

Ion Ratio Lower Upper

84 100

49 116.7 90.0 167.2

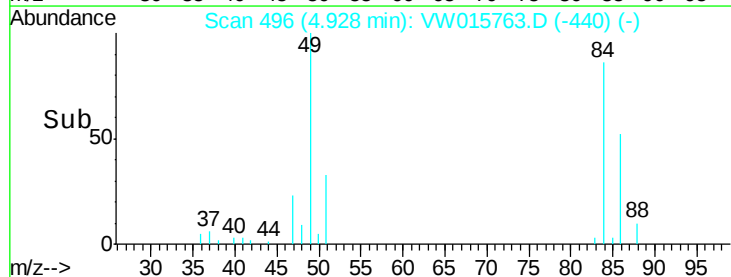
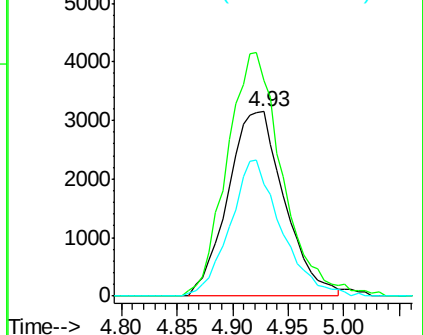
86 60.7 44.0 81.8

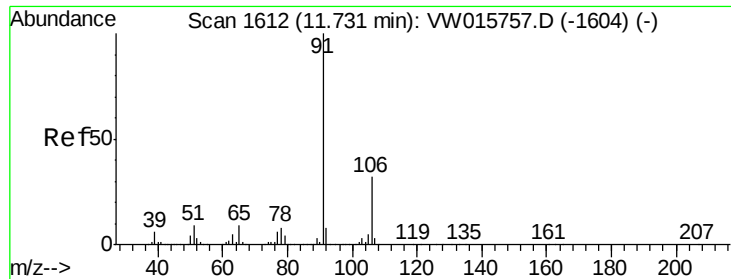


Abundance Ion 84.00 (83.70 to 84.70): VW

Ion 49.00 (48.70 to 49.70): VW

Ion 86.00 (85.70 to 86.70): VW

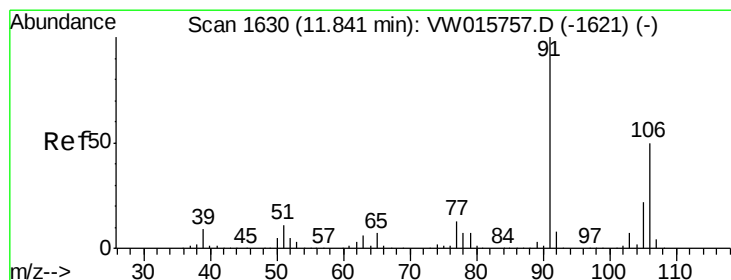
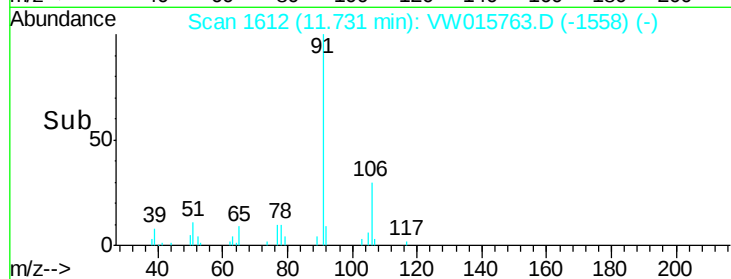
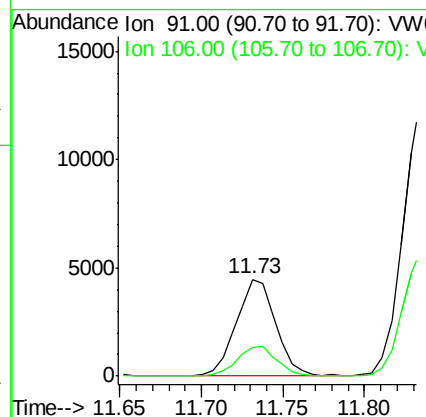
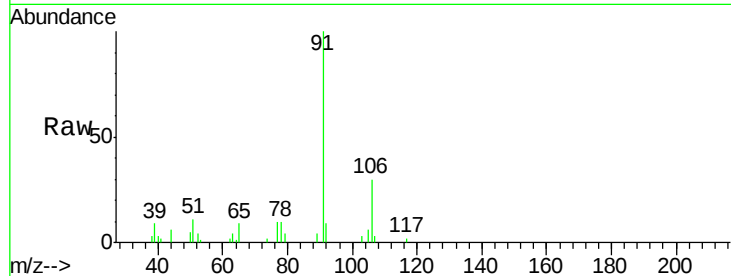




#53
Ethylbenzene
Concen: 0.410 ug/L
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW015763.D
Acq: 29 Jun 2020 15:22

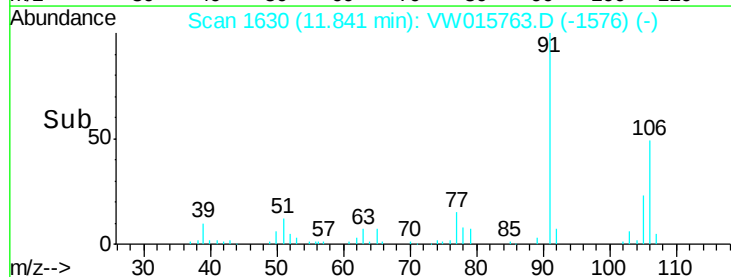
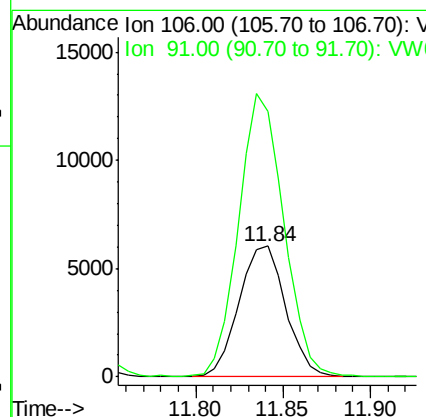
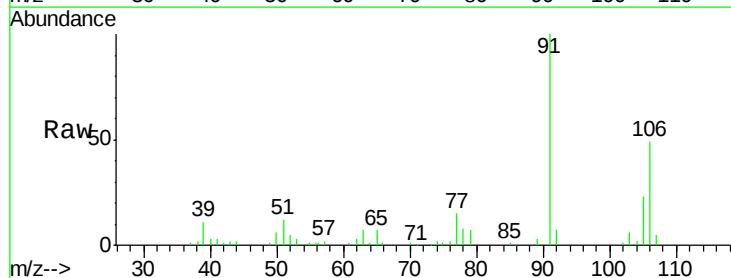
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MSVOA_W
ClientSampled :
BG2L9

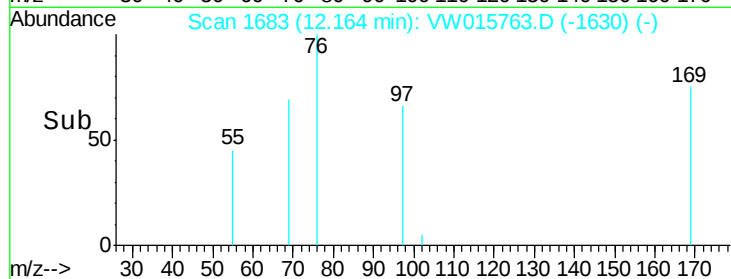
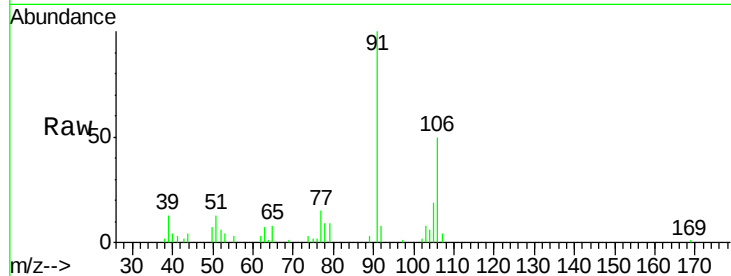
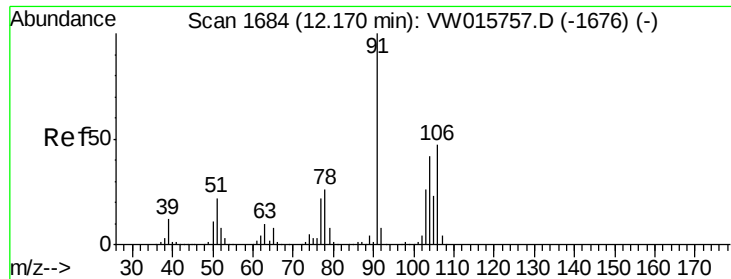
Tot Ion: 91 Resp: 7549
Ion Ratio Lower Upper
91 100
106 30.0 21.4 39.8



#54
m,p-Xylene
Concen: 1.634 ug/L
RT: 11.84 min Scan# 1630
Delta R.T. -0.00 min
Lab File: VW015763.D
Acq: 29 Jun 2020 15:22

Tgt Ion: 106 Resp: 11255
Ion Ratio Lower Upper
106 100
91 203.4 141.5 262.9





#55
o-xylene
Concen: 0.567 ug/L
RT: 12.16 min Scan# 1683
Delta R.T. -0.01 min
Lab File: VW015763.D
Acq: 29 Jun 2020 15:22

Instrument :
MSVOA_W
ClientSampleId :
BG2L9

Tot Ion:106 Resp: 3734
Ion Ratio Lower Upper
106 100
91 199.8 151.3 280.9

