

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW100218\
 Data File : VW005797.D
 Acq On : 03 Oct 2018 01:36
 Operator : SY/AP
 Sample : J5182-10
 Misc : 4.63G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 JLC59

Quant Time: Oct 03 09:21:42 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM092818S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Oct 03 08:01:39 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	121712	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	134353	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	54950	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	17866	11.51	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	46.04%
7) Chloroethane-d5	2.90	69	18609	15.37	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	61.48%
10) 1,1-Dichloroethene-d2	4.01	63	34976	10.32	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	41.28%#
20) 2-Butanone-d5	7.09	46	13347	26.80	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	53.60%
24) Chloroform-d	7.65	84	82335	26.33	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	105.32%
26) 1,2-Dichloroethane-d4	8.31	65	61618	32.54	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	130.16%#
29) Benzene-d6	8.28	84	129820	19.52	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	78.08%
33) 1,2-Dichloropropane-d6	9.28	67	48119	25.03	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	100.12%
37) Toluene-d8	10.33	98	113371	17.27	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	69.08%
38) trans-1,3-Dichloropropene-	10.58	79	20067	19.88	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	79.52%
39) 2-Hexanone-d5	10.93	63	9460	21.01	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	42.02%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	54396	29.13	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	116.52%
61) 1,2-Dichlorobenzene-d4	13.86	152	46980	24.16	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	96.64%

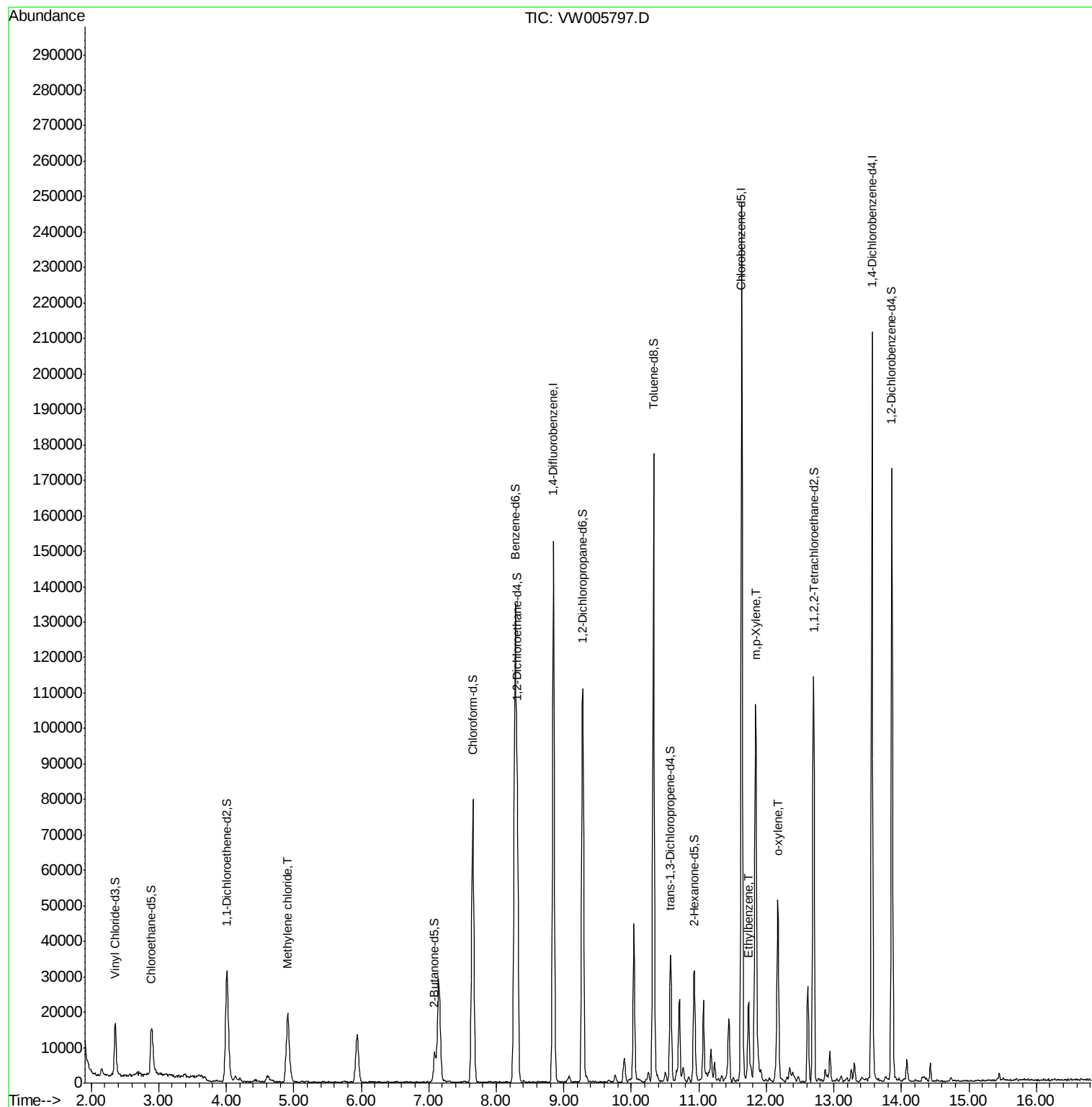
Target Compounds					Ovalue
16) Methylene chloride	4.91	84	14853	7.401 ug/L	97
53) Ethylbenzene	11.74	91	13878	1.429 ug/L	95
54) m,p-Xylene	11.84	106	31139	8.509 ug/L	98
55) o-xylene	12.17	106	12201	3.537 ug/L	95

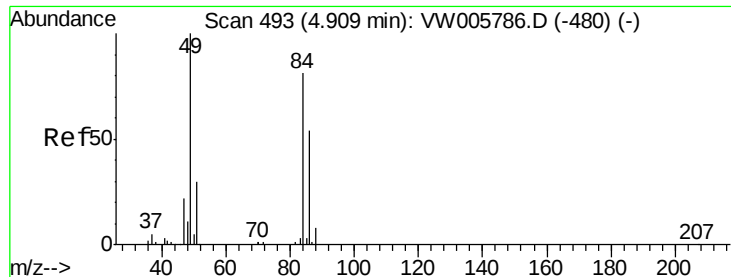
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Oct 03 08:01:39 2018
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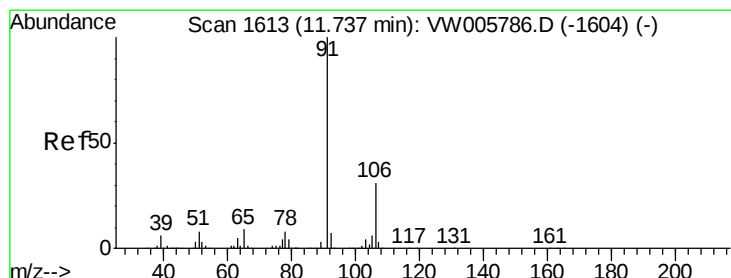
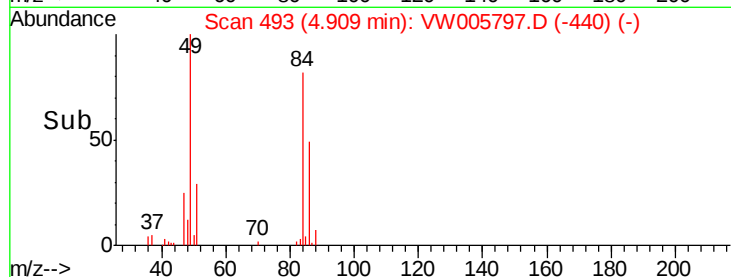
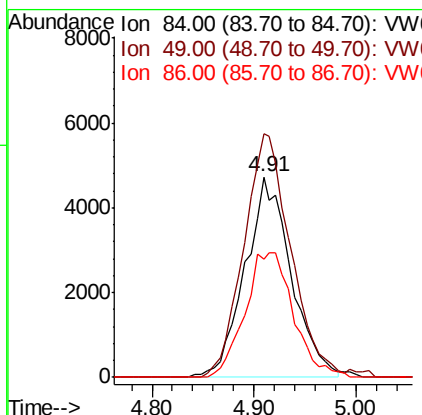
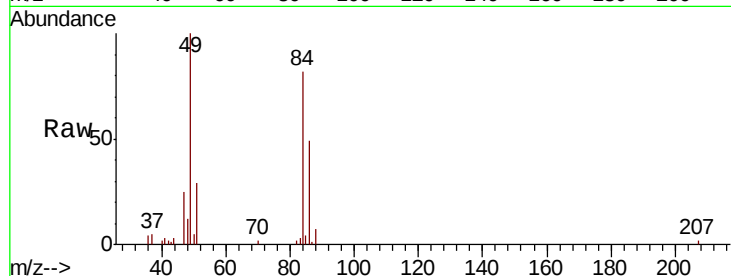




#16
Methvlene chloride
Concen: 7.401 ug/L
RT: 4.91 min Scan# 493
Delta R.T. -0.01 min
Lab File: VW005797.D
Acq: 03 Oct 2018 01:36

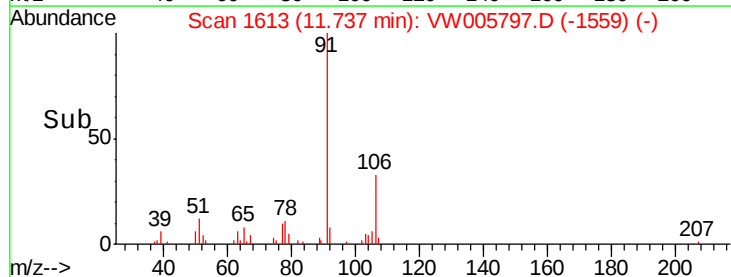
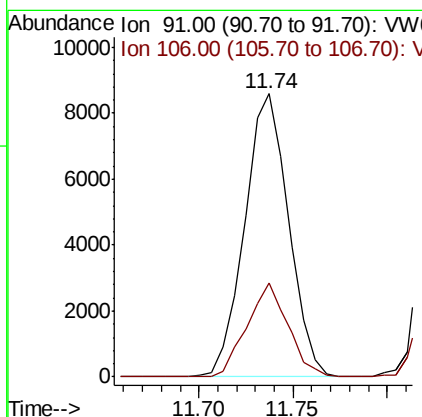
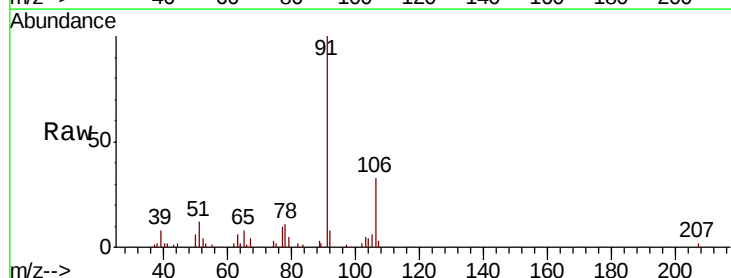
Instrument :
MSVOA_W
ClientSampleId :
JLC59

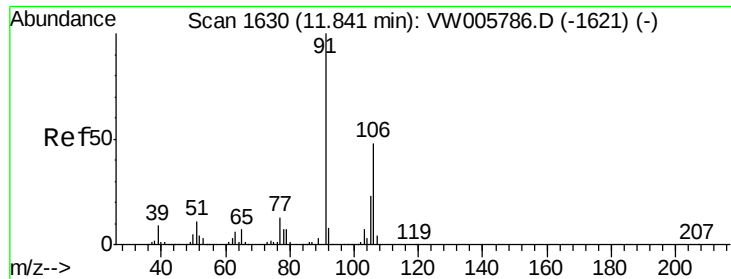
Tot Ion: 84 Resp: 14853
Ion Ratio Lower Upper
84 100
49 121.3 87.2 162.0
86 60.2 43.2 80.2



#53
Ethylbenzene
Concen: 1.429 ug/L
RT: 11.74 min Scan# 1613
Delta R.T. -0.00 min
Lab File: VW005797.D
Acq: 03 Oct 2018 01:36

Tgt Ion: 91 Resp: 13878
Ion Ratio Lower Upper
91 100
106 33.2 21.5 39.9





#54

m,p-Xylene

Concen: 8.509 ug/L

RT: 11.84 min Scan# 1630

Delta R.T. -0.00 min

Lab File: VW005797.D

Acq: 03 Oct 2018 01:36

Instrument :

MSVOA_W

ClientSampled :

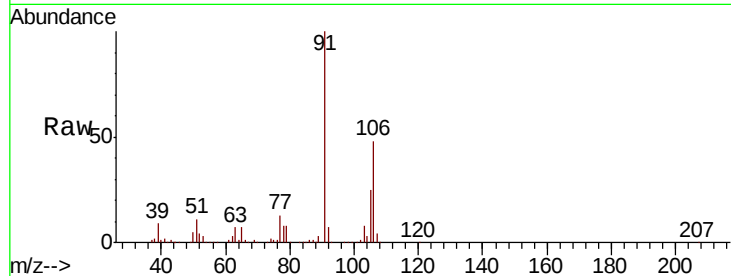
JLC59

Tot Ion:106 Resp: 31139

Ion Ratio Lower Upper

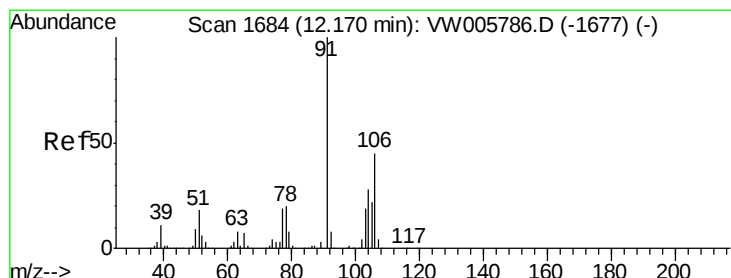
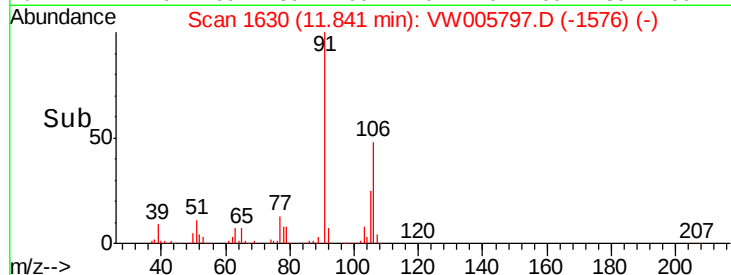
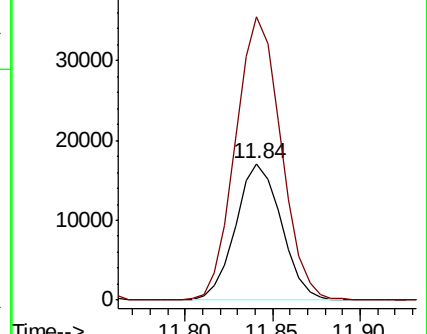
106 100

91 207.5 147.7 274.3



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VW



#55

o-xylene

Concen: 3.537 ug/L

RT: 12.17 min Scan# 1684

Delta R.T. -0.00 min

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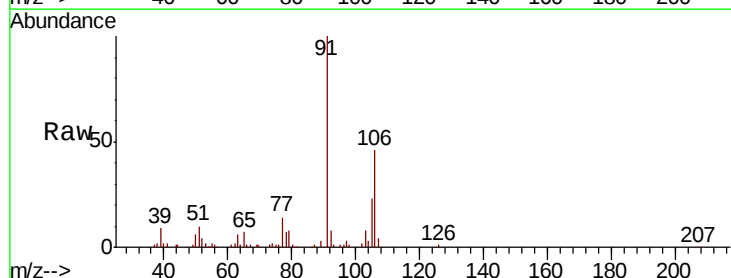
Acq: 03 Oct 2018 01:36

Tgt Ion:106 Resp: 12201

Ion Ratio Lower Upper

106 100

91 215.9 156.5 290.7



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VW

