

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW042419\
 Data File : VW010120.D
 Acq On : 24 Apr 2019 20:35
 Operator : SY/VA
 Sample : K2481-23
 Misc : 5.08G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 GAHX6

Quant Time: Apr 25 02:42:56 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM042419S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Apr 25 01:36:45 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	831088	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	778614	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	358416	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	93696	11.79	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	47.16%
7) Chloroethane-d5	2.89	69	95629	14.57	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	58.28%
10) 1,1-Dichloroethene-d2	4.01	63	235123	10.08	ug/L	-0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	40.32%#
20) 2-Butanone-d5	7.07	46	115828	30.87	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	61.74%
24) Chloroform-d	7.65	84	407421	18.41	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	73.64%
26) 1,2-Dichloroethane-d4	8.30	65	230481	17.81	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	71.24%
29) Benzene-d6	8.27	84	780957	17.71	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	70.84%
33) 1,2-Dichloropropane-d6	9.27	67	255449	18.58	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	74.32%
37) Toluene-d8	10.32	98	678633	16.94	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	67.76%
38) trans-1,3-Dichloropropene-	10.57	79	86693	13.69	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	54.76%
39) 2-Hexanone-d5	10.93	63	81861	28.34	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	56.68%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	188051	16.48	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	65.92%
61) 1,2-Dichlorobenzene-d4	13.86	152	256198	19.31	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	77.24%

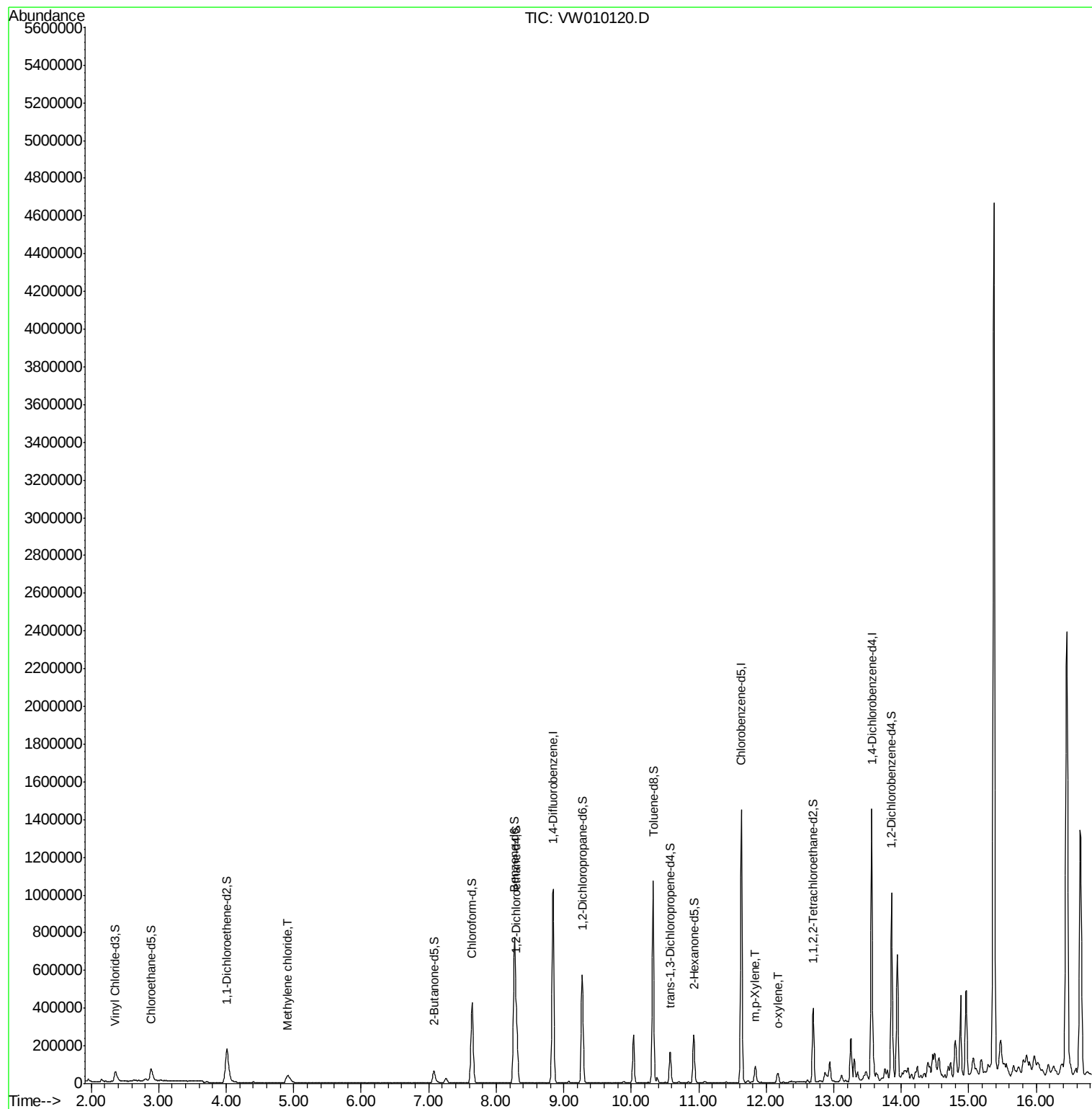
Target Compounds					Ovalue
16) Methylene chloride	4.92	84	42169	3.620 ug/L	95
54) m,p-Xylene	11.84	106	20652	0.992 ug/L	94
55) o-xylene	12.16	106	9863	0.500 ug/L	87

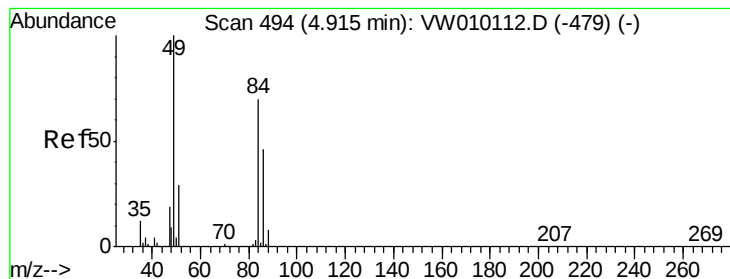
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Apr 25 01:36:45 2019
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#16

Methylene chloride

Concen: 3.620 ug/L

RT: 4.92 min Scan# 494

Delta R.T. 0.00 min

Lab File: VW010120.D

Acq: 24 Apr 2019 20:35

Instrument :

MSVOA_W

ClientSampled :

GAHX6

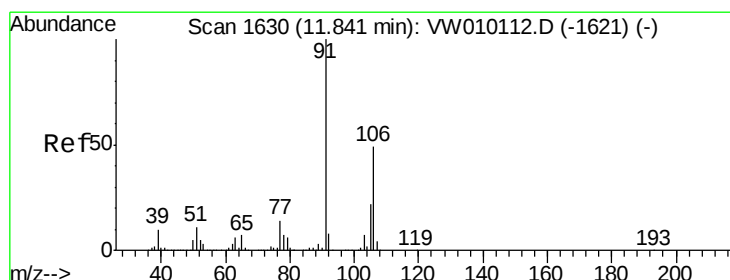
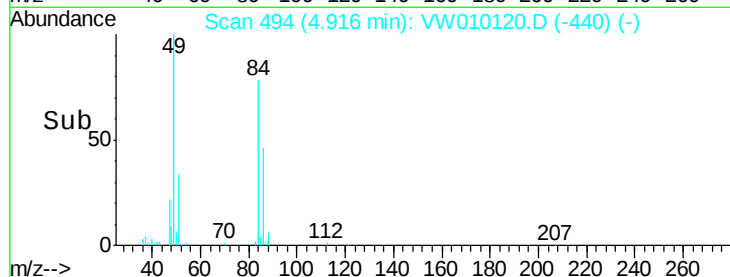
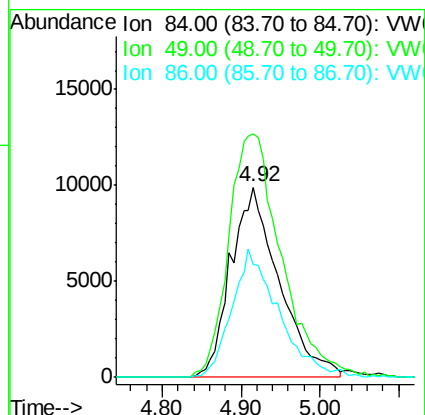
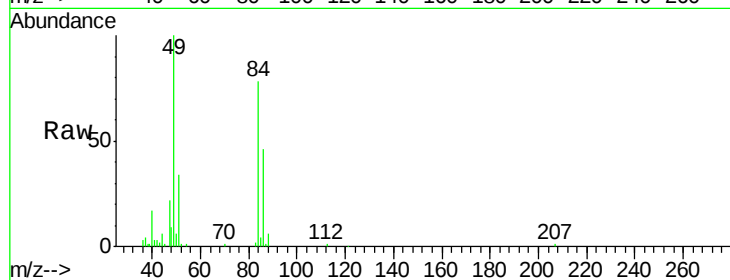
Tot Ion: 84 Resp: 42169

Ion Ratio Lower Upper

84 100

49 128.1 93.5 173.7

86 59.3 44.9 83.5



#54

m,p-Xylene

Concen: 0.992 ug/L

RT: 11.84 min Scan# 1629

Delta R.T. -0.01 min

Lab File: VW010120.D

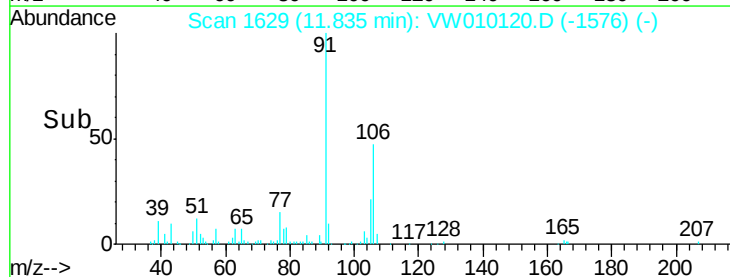
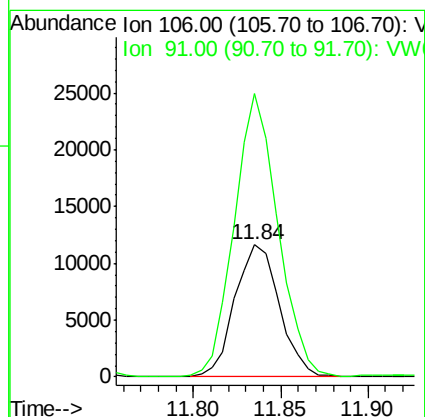
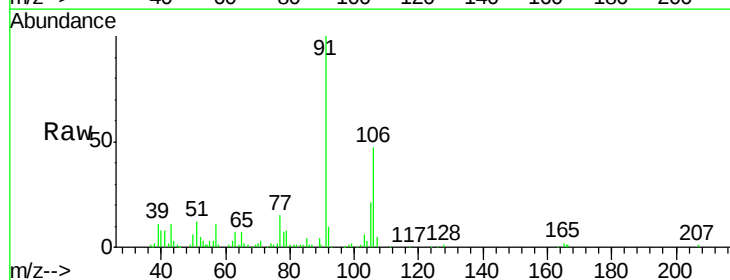
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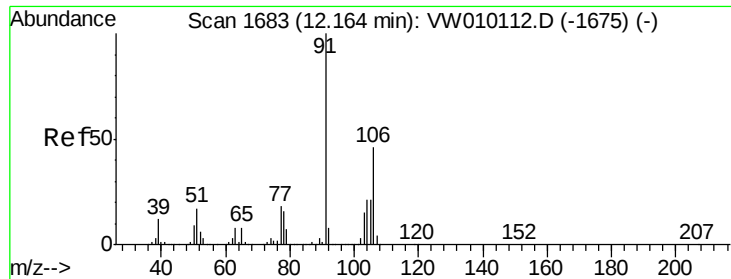
Tgt Ion:106 Resp: 20652

Ion Ratio Lower Upper

106 100

91 214.5 143.4 266.4

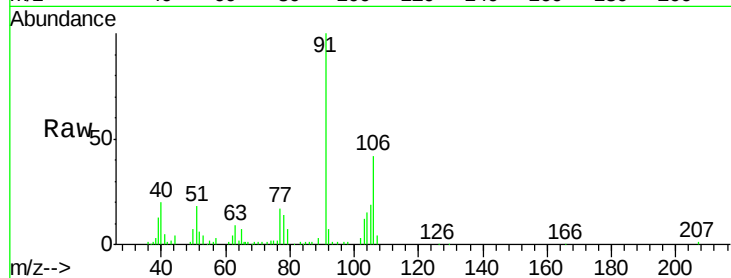




#55
 o-xylene
 Concen: 0.500 ug/L
 RT: 12.16 min Scan# 1683
 Delta R.T. -0.01 min
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 Acq: 24 Apr 2019 20:35

Instrument :
 MSVOA_W
 ClientSampleId :
 GAHX6

Tot Ion:106 Resp: 9863
 Ion Ratio Lower Upper
 106 100
 91 236.3 151.4 281.2



Abundance Ion 106.00 (105.70 to 106.70): V
 Ion 91.00 (90.70 to 91.70): VW

