

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV112018\
 Data File : VV008679.D
 Acq On : 20 Nov 2018 17:27
 Operator : SY/MD
 Sample : J5997-03DL 2000X
 Misc : 5.0 mL/MSVOA_V/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 E3YA3DL

Quant Time: Nov 21 08:01:41 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM112018WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Nov 21 01:28:05 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	287799	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	256284	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	107021	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	86738	42.72	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	85.44%
7) Chloroethane-d5	1.57	69	40353	36.38	ug/L	-0.02
Spiked Amount	50.000	Range	70 - 130	Recovery	=	72.76%
11) 1,1-Dichloroethene-d2	2.13	63	118247	35.29	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	70.58%
21) 2-Butanone-d5	3.94	46	149970	90.63	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	90.63%
24) Chloroform-d	4.40	84	178509	43.41	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.82%
26) 1,2-Dichloroethane-d4	5.08	65	120478	45.80	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.60%
32) Benzene-d6	5.10	84	387674	48.63	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.26%
36) 1,2-Dichloropropane-d6	6.12	67	122123	49.01	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	98.02%
41) Toluene-d8	7.36	98	341936	47.79	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.58%
43) trans-1,3-Dichloropropene-	7.67	79	45405	40.74	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	81.48%
47) 2-Hexanone-d5	8.14	63	103627	91.97	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	91.97%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	144761	42.59	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	85.18%
64) 1,2-Dichlorobenzene-d4	11.68	152	111813	47.86	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.72%

Target Compounds

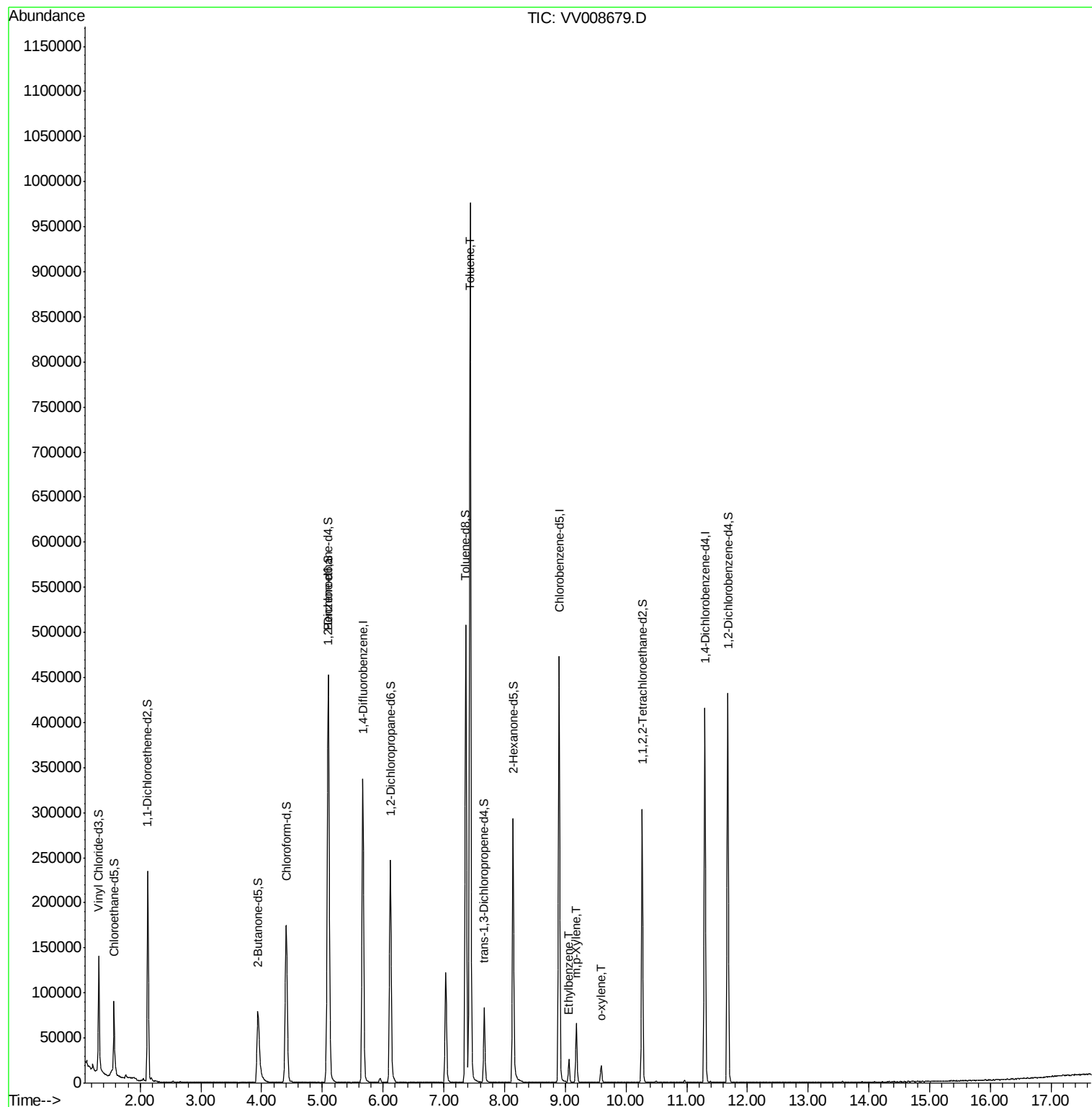
						Qvalue
42) Toluene	7.43	91	696809	81.32	ug/L	98
52) Ethylbenzene	9.06	91	17983	1.91	ug/L	96
53) m,p-Xylene	9.18	106	19103	5.53	ug/L	92
54) o-xylene	9.59	106	4997	1.45	ug/L	99

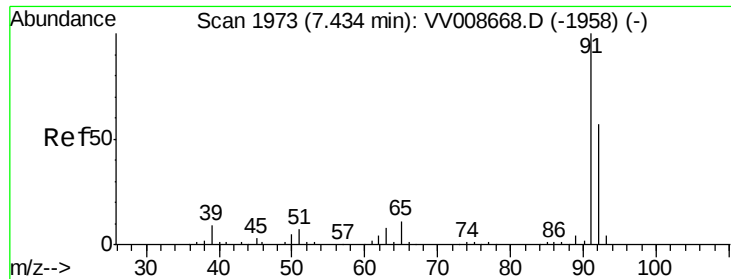
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#42

Toluene

Concen: 81.32 ug/L

RT: 7.43 min Scan# 1973

Delta R.T. 0.00 min

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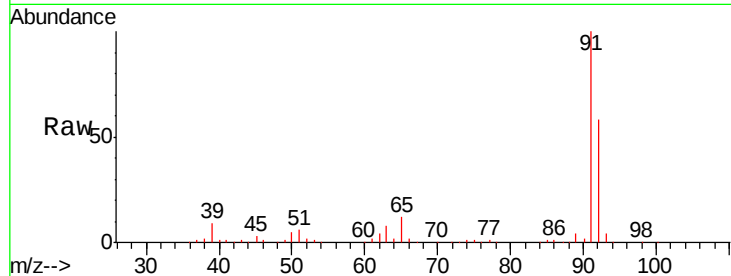
E3YA3DL

Tgt Ion: 91 Resp: 696809

Ion Ratio Lower Upper

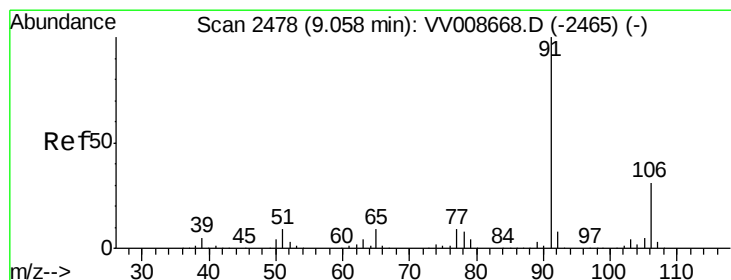
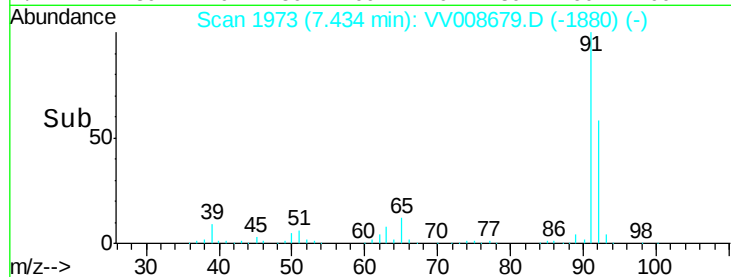
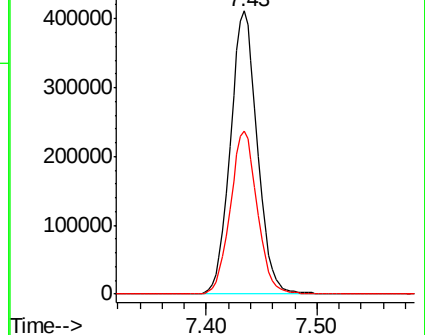
91 100

92 57.8 41.6 77.2



Abundance Ion 91.00 (90.70 to 91.70): VV008668.D (-1958) (-)

Ion 92.00 (91.70 to 92.70): VV008668.D (-1958) (-)



#52

Ethylbenzene

Concen: 1.91 ug/L

RT: 9.06 min Scan# 2478

Delta R.T. 0.00 min

Lab File: VV008679.D

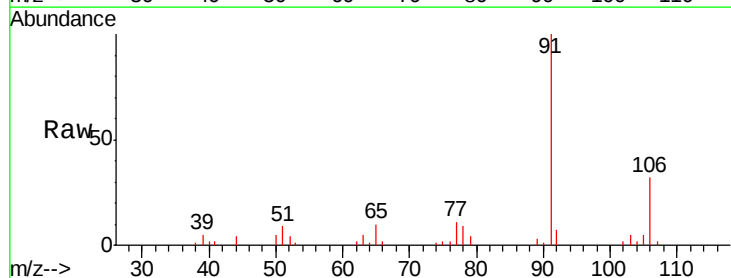
Acq: 20 Nov 2018 17:27

Tgt Ion: 91 Resp: 17983

Ion Ratio Lower Upper

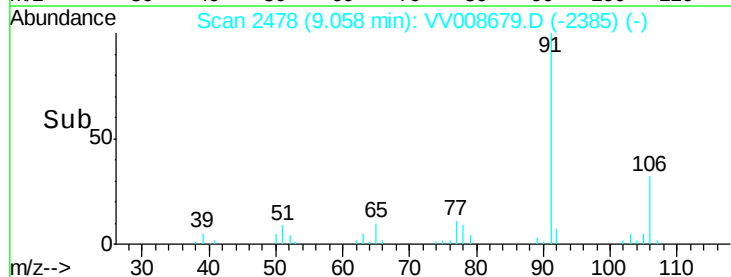
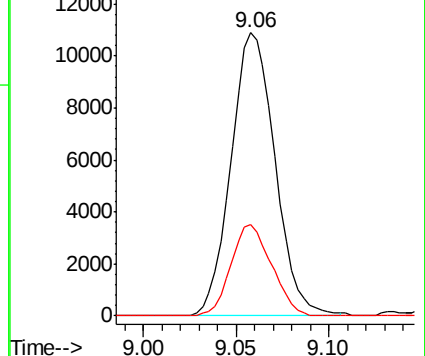
91 100

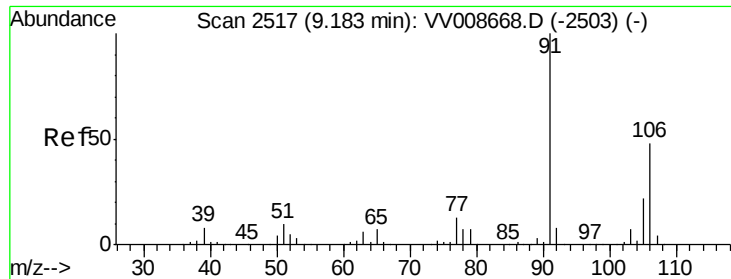
106 32.3 21.2 39.4



Abundance Ion 91.00 (90.70 to 91.70): VV008668.D (-2465) (-)

Ion 106.00 (105.70 to 106.70): VV008668.D (-2465) (-)





#53

m,p-Xylene

Concen: 5.53 ug/L

RT: 9.18 min Scan# 2517

Delta R.T. 0.00 min

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ClientSampleId :

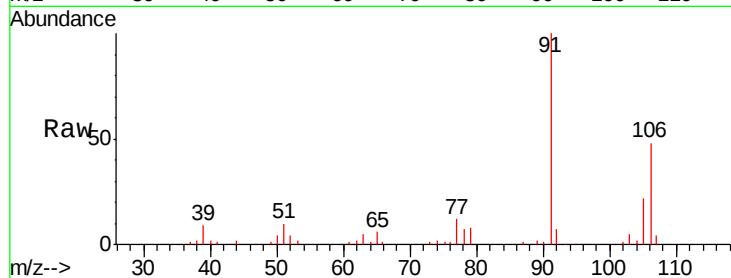
E3YA3DL

Tgt Ion:106 Resp: 19103

Ion Ratio Lower Upper

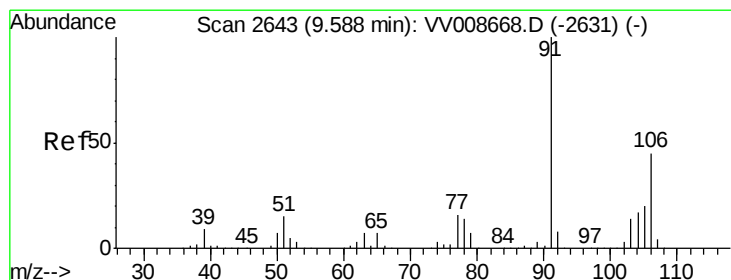
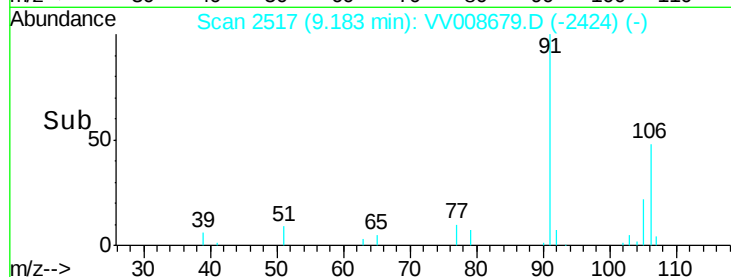
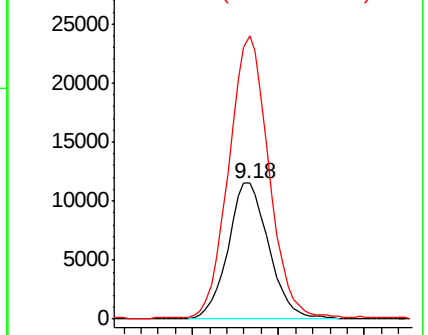
106 100

91 208.0 154.7 287.3



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VV0



#54

o-xylene

Concen: 1.45 ug/L

RT: 9.59 min Scan# 2644

Delta R.T. 0.00 min

Lab File: VV008679.D

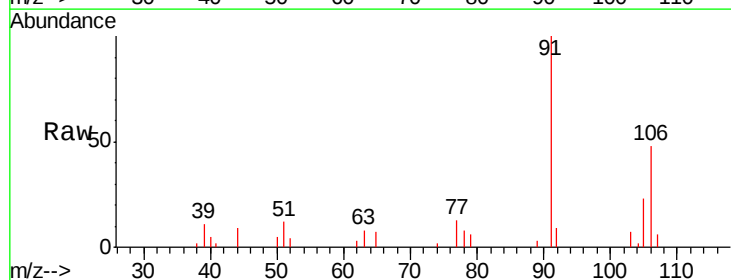
Acq: 20 Nov 2018 17:27

Tgt Ion:106 Resp: 4997

Ion Ratio Lower Upper

106 100

91 208.7 146.7 272.5



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VV0

