

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV112018\
 Data File : VV008677.D
 Acq On : 20 Nov 2018 16:39
 Operator : SY/MD
 Sample : J5997-14 50X
 Misc : 5.0 mL/MSVOA V/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 E3YB0

Quant Time: Nov 21 16:21:36 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	289295	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	258790	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	113330	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	88394	43.31	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	86.62%
7) Chloroethane-d5	1.57	69	39925	35.81	ug/L	-0.02
Spiked Amount	50.000	Range	70 - 130	Recovery	=	71.62%
11) 1,1-Dichloroethene-d2	2.13	63	121662	36.12	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	72.24%
21) 2-Butanone-d5	3.94	46	159463	95.86	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	95.86%
24) Chloroform-d	4.41	84	180597	43.69	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.38%
26) 1,2-Dichloroethane-d4	5.09	65	122095	46.18	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.36%
32) Benzene-d6	5.10	84	393993	48.94	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.88%
36) 1,2-Dichloropropane-d6	6.12	67	122254	48.58	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	97.16%
41) Toluene-d8	7.36	98	349687	48.40	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.80%
43) trans-1,3-Dichloropropene-	7.67	79	46666	41.46	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	82.92%
47) 2-Hexanone-d5	8.14	63	107870	94.80	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	94.80%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	150604	43.88	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	87.76%
64) 1,2-Dichlorobenzene-d4	11.68	152	118470	47.89	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.78%

Target Compounds

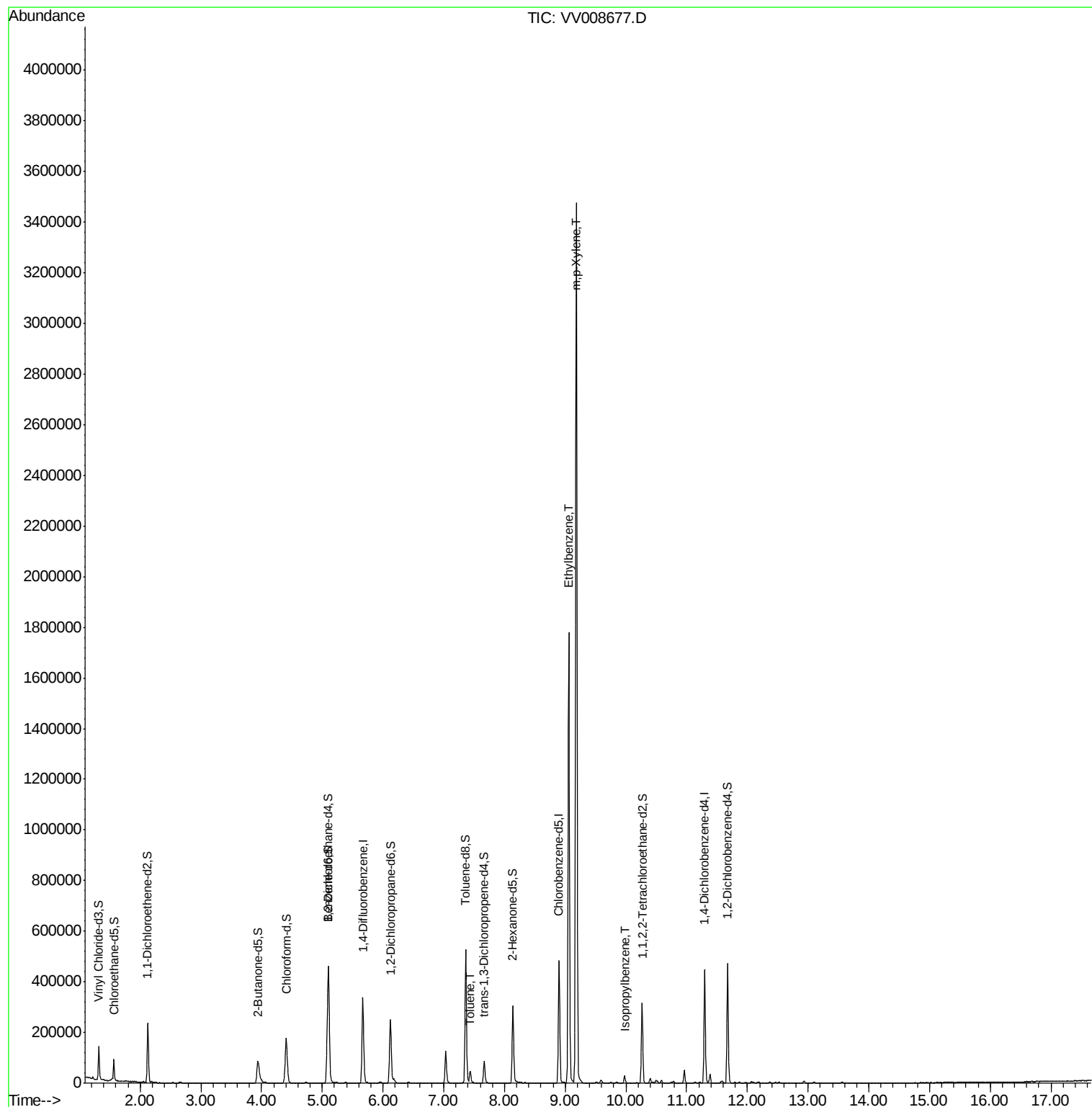
					Ovalue
42) Toluene	7.43	91	34288	3.963	ug/L 100
52) Ethylbenzene	9.06	91	1229220	129.486	ug/L 99
53) m,p-Xylene	9.18	106	955794	273.993	ug/L 91
56) Isopropylbenzene	9.98	105	18068	1.981	ug/L 97

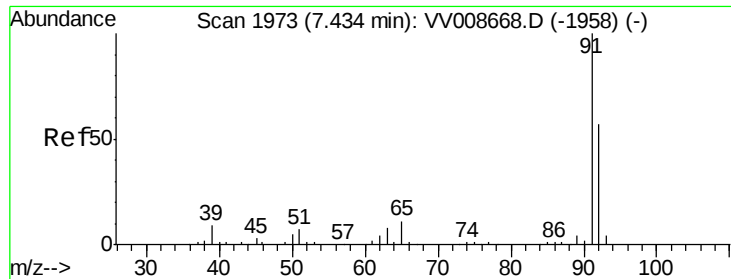
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#42

Toluene

Concen: 3.963 ug/L

RT: 7.43 min Scan# 1973

Delta R.T. 0.00 min

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Acq: 20 Nov 2018 16:39

Instrument :

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ClientSampleId :

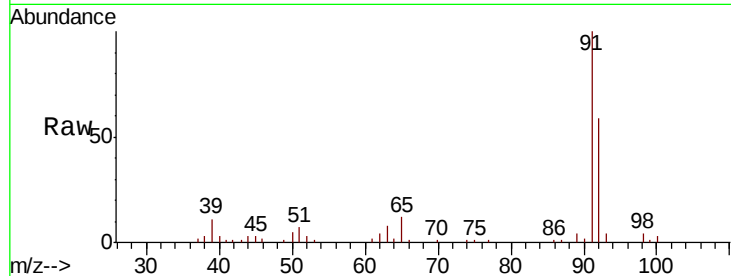
E3YB0

Tot Ion: 91 Resp: 34288

Ion Ratio Lower Upper

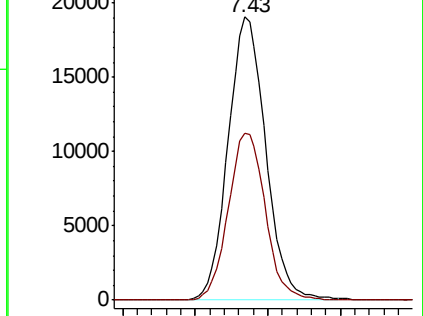
91 100

92 59.0 41.6 77.2

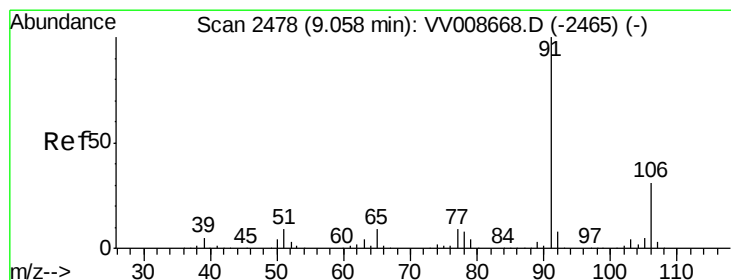
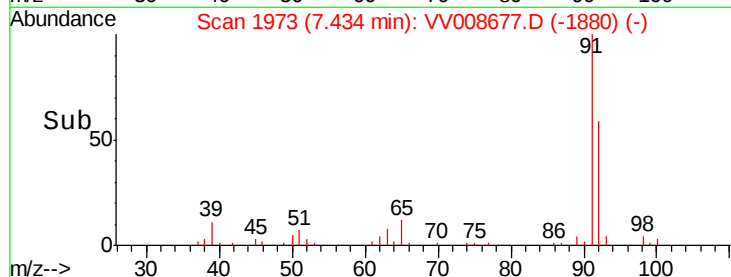


Abundance Ion 91.00 (90.70 to 91.70): VV008668.D (-1958) (-)

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



Time-->



#52

Ethylbenzene

Concen: 129.486 ug/L

RT: 9.06 min Scan# 2478

Delta R.T. -0.00 min

Lab File: VV008677.D

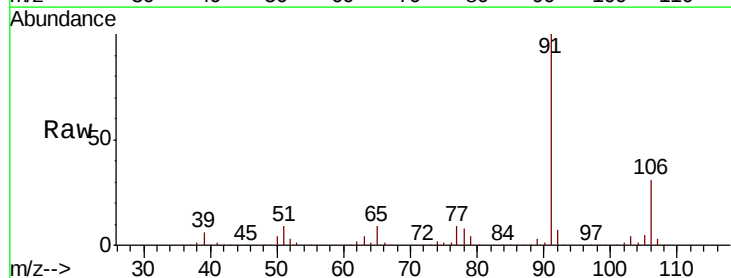
Acq: 20 Nov 2018 16:39

Tgt Ion: 91 Resp: 1229220

Ion Ratio Lower Upper

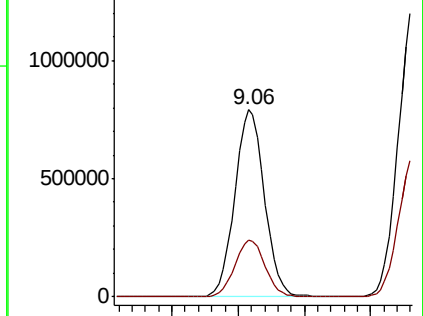
91 100

106 30.7 21.2 39.4

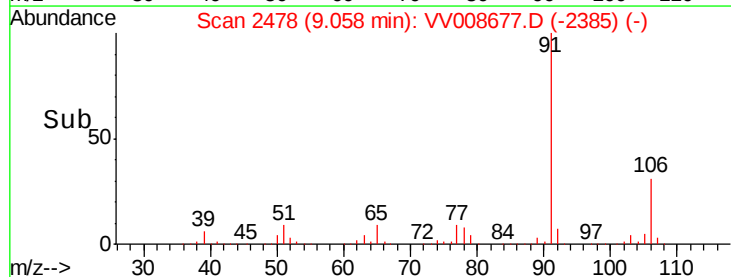


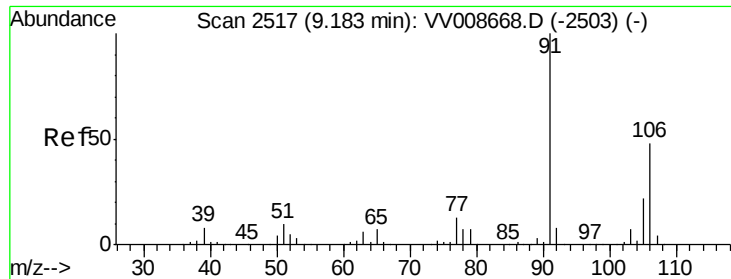
Abundance Ion 91.00 (90.70 to 91.70): VV008668.D (-2465) (-)

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



Time-->





#53

m,p-Xylene

Concen: 273.993 ug/L

RT: 9.18 min Scan# 2517

Delta R.T. 0.00 min

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Acq: 20 Nov 2018 16:39

Instrument :

MSVOA_V

ClientSampleId :

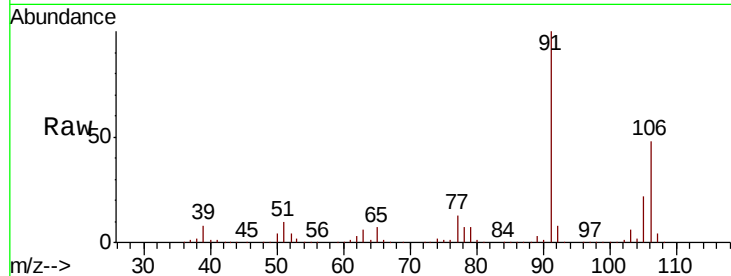
E3YB0

Tot Ion:106 Resp: 955794

Ion Ratio Lower Upper

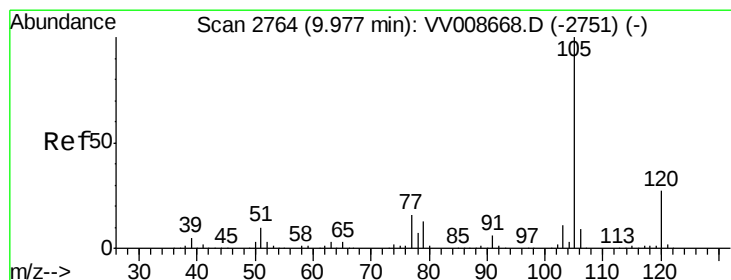
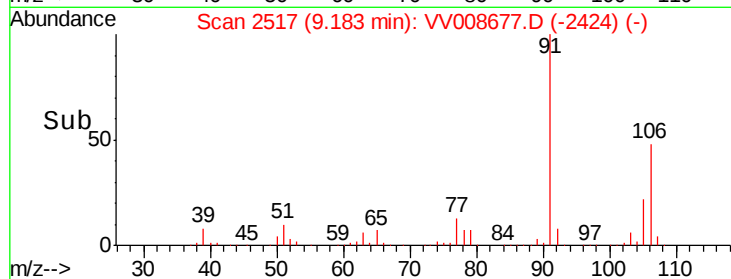
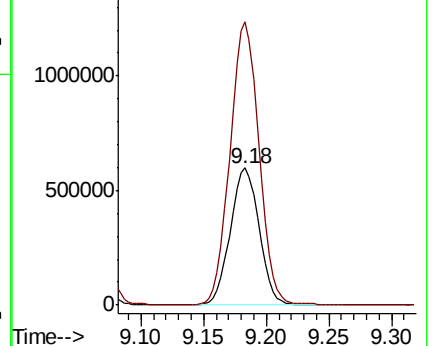
106 100

91 206.7 154.7 287.3



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VV0



#56

Isopropylbenzene

Concen: 1.981 ug/L

RT: 9.98 min Scan# 2764

Delta R.T. 0.00 min

Lab File: VV008677.D

Acq: 20 Nov 2018 16:39

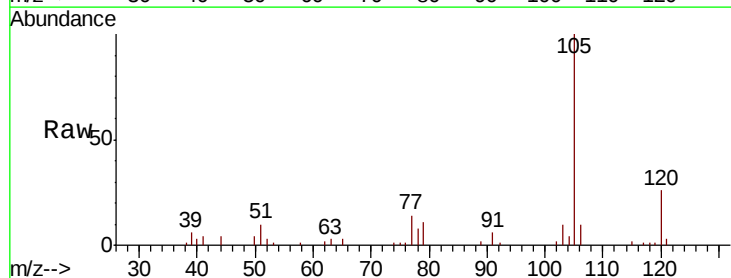
Tgt Ion:105 Resp: 18068

Ion Ratio Lower Upper

105 100

120 27.5 20.5 30.7

77 15.2 12.8 19.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

Ion 77.00 (76.70 to 77.70): VV0

