

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV112018\
 Data File : VV008675.D
 Acq On : 20 Nov 2018 15:53
 Operator : SY/MD
 Sample : J5997-06 50X
 Misc : 5.0 mL/MSVOA_V/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 E3YA4

Quant Time: Nov 21 07:40:10 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	300640	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	265728	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	116789	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	87195	41.11	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	82.22%
7) Chloroethane-d5	1.56	69	38580	33.30	ug/L	-0.02
Spiked Amount	50.000	Range	70 - 130	Recovery	=	66.60%#
11) 1,1-Dichloroethene-d2	2.13	63	115063	32.87	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	65.74%
21) 2-Butanone-d5	3.94	46	145063	83.92	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	83.92%
24) Chloroform-d	4.40	84	176171	41.01	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	82.02%
26) 1,2-Dichloroethane-d4	5.08	65	119544	43.51	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.02%
32) Benzene-d6	5.10	84	378573	45.80	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.60%
36) 1,2-Dichloropropane-d6	6.12	67	119055	46.08	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	92.16%
41) Toluene-d8	7.36	98	332736	44.85	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.70%
43) trans-1,3-Dichloropropene-	7.67	79	45730	39.57	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	79.14%
47) 2-Hexanone-d5	8.14	63	102127	87.41	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	87.41%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	142628	40.47	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	80.94%
64) 1,2-Dichlorobenzene-d4	11.68	152	113666	44.59	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.18%

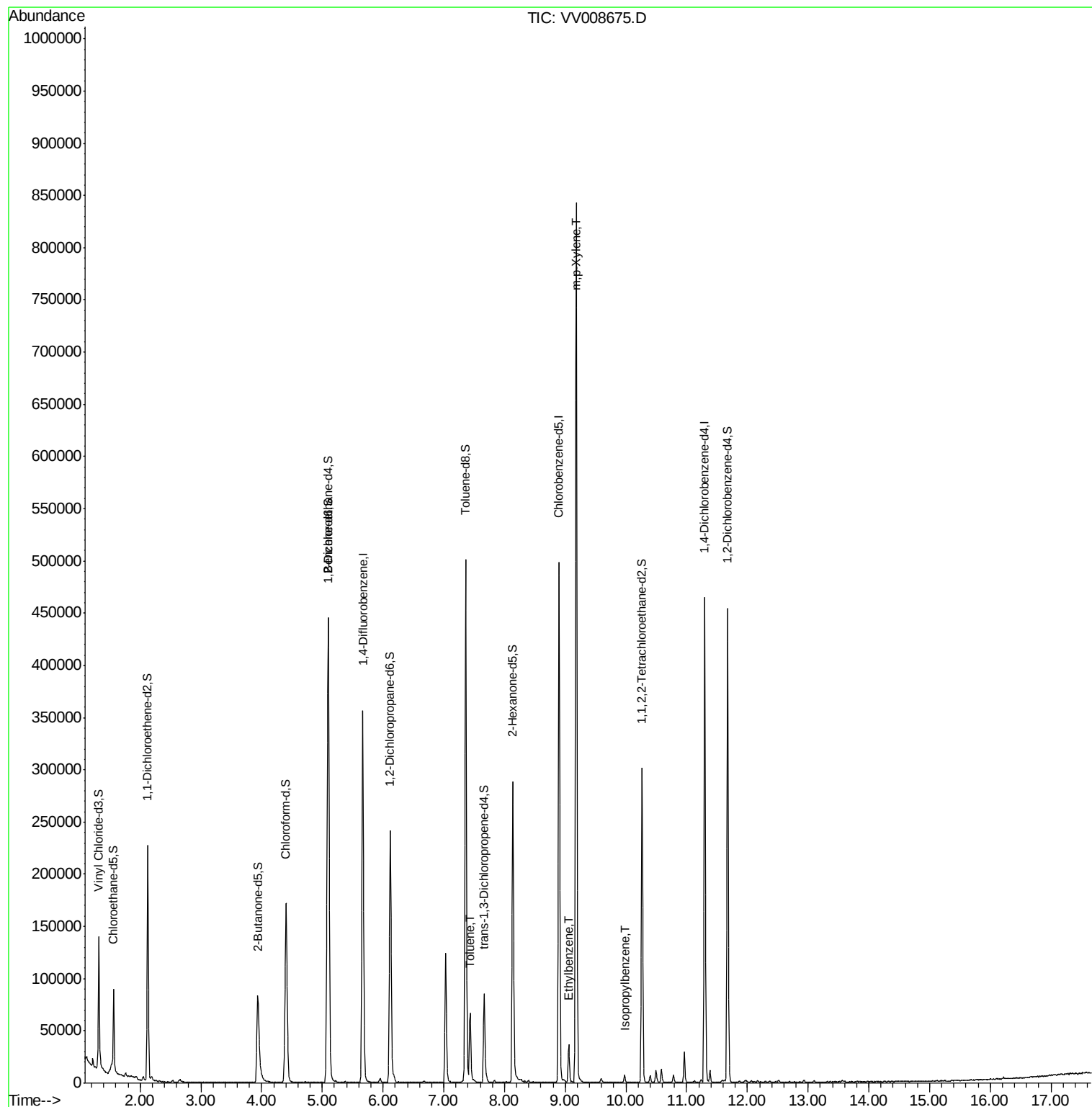
Target Compounds						Qvalue
42) Toluene	7.43	91	48597	5.47	ug/L	95
52) Ethylbenzene	9.06	91	25720	2.64	ug/L	97
53) m,p-Xylene	9.18	106	229259	64.00	ug/L	93
56) Isopropylbenzene	9.98	105	4918	0.53	ug/L	98

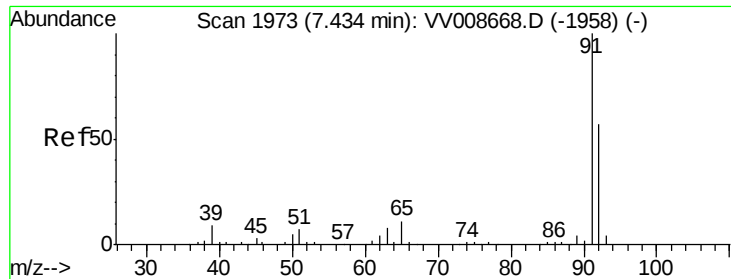
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#42

Toluene

Concen: 5.47 ug/L

RT: 7.43 min Scan# 1973

Delta R.T. 0.00 min

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MSVOA_V

ClientSampleId :

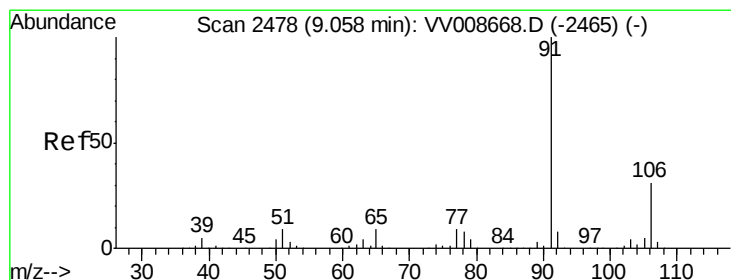
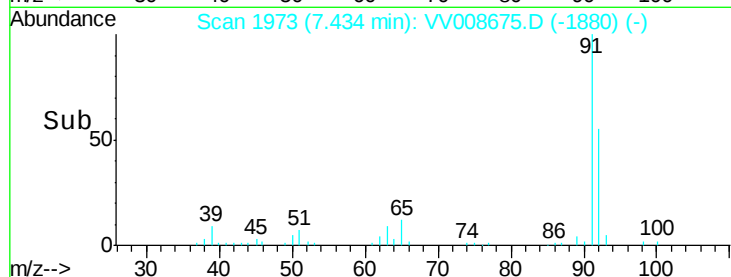
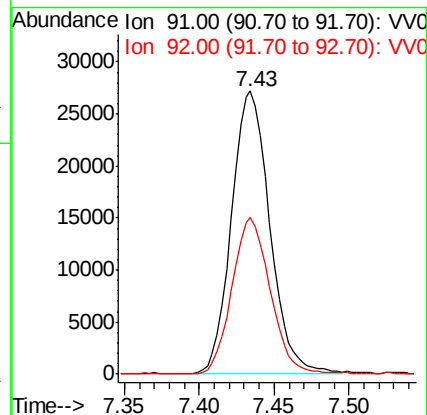
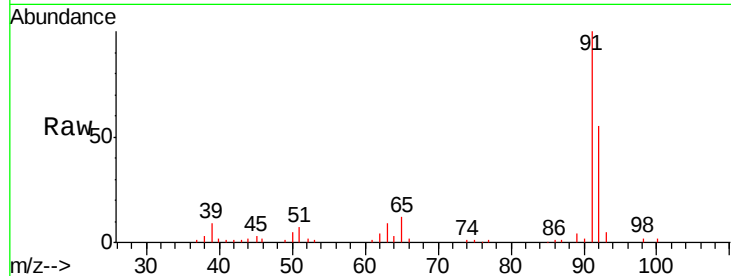
E3YA4

Tgt Ion: 91 Resp: 48597

Ion Ratio Lower Upper

91 100

92 55.4 41.6 77.2



#52

Ethylbenzene

Concen: 2.64 ug/L

RT: 9.06 min Scan# 2478

Delta R.T. 0.00 min

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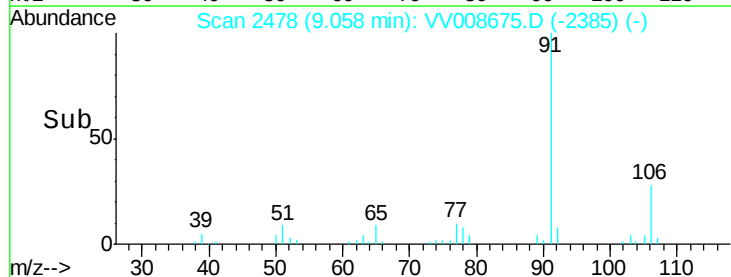
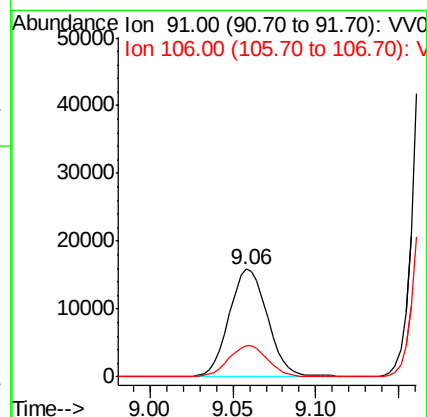
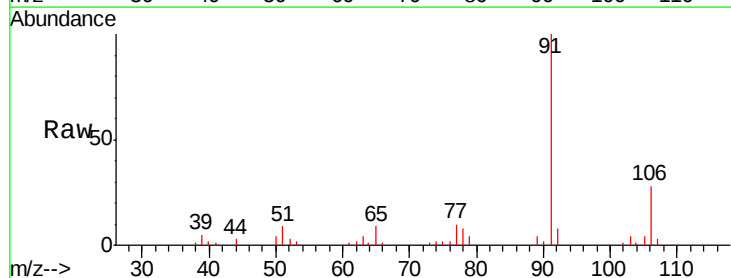
Acq: 20 Nov 2018 15:53

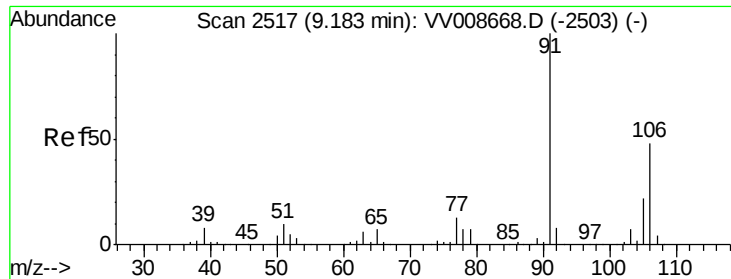
Tgt Ion: 91 Resp: 25720

Ion Ratio Lower Upper

91 100

106 28.5 21.2 39.4

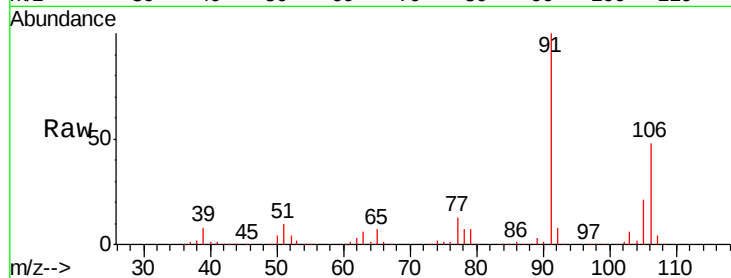




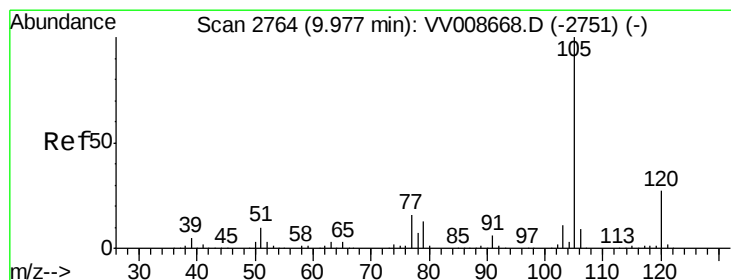
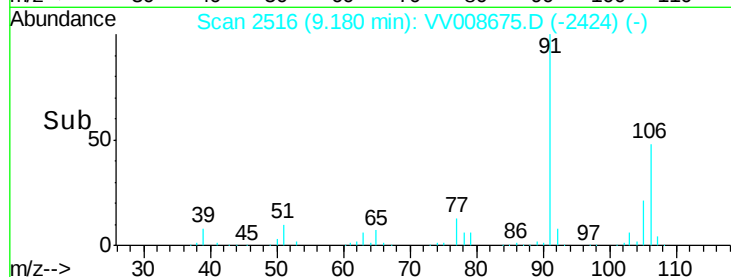
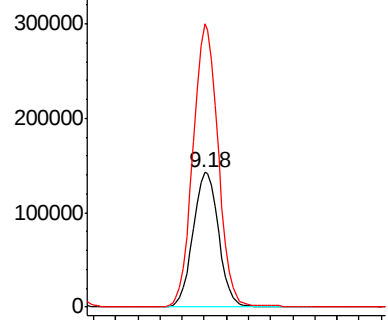
#53
m,p-Xylene
Concen: 64.00 ug/L
RT: 9.18 min Scan# 2516
Delta R.T. -0.00 min
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MSVOA_V
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E3YA4

Tgt Ion:106 Resp: 229259
Ion Ratio Lower Upper
106 100
91 210.2 154.7 287.3

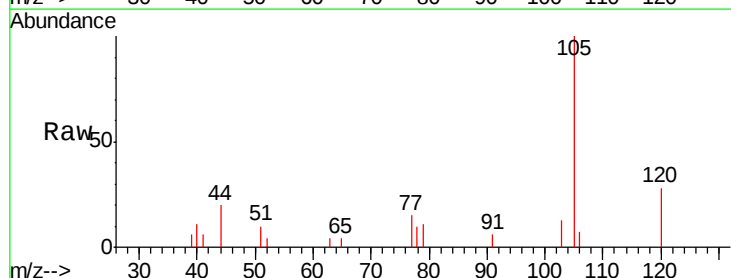


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VV0



#56
Isopropylbenzene
Concen: 0.53 ug/L
RT: 9.98 min Scan# 2765
Delta R.T. 0.00 min
Lab File: VV008675.D
Acq: 20 Nov 2018 15:53

Tgt Ion:105 Resp: 4918
Ion Ratio Lower Upper
105 100
120 26.9 20.5 30.7
77 16.5 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

