

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV112018\
 Data File : VV008680.D
 Acq On : 20 Nov 2018 17:50
 Operator : SY/MD
 Sample : J5997-06 20X
 Misc : 5.0 mL/MSVOA V/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 E3YA4

Manual Integrations
 APPROVED

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 11/21/2018 11:56:27 AM

Quant Time: Nov 21 16:20:05 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	274213	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	248984	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	110476	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	84393	43.63	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	87.26%
7) Chloroethane-d5	1.56	69	39102	37.00	ug/L	-0.03
Spiked Amount	50.000	Range	70 - 130	Recovery	=	74.00%
11) 1,1-Dichloroethene-d2	2.13	63	111709	34.99	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	69.98%
21) 2-Butanone-d5	3.94	46	152362m	96.63	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	96.63%
24) Chloroform-d	4.41	84	172459	44.02	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.04%
26) 1,2-Dichloroethane-d4	5.08	65	117786	47.00	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.00%
32) Benzene-d6	5.10	84	368838	47.62	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.24%
36) 1,2-Dichloropropane-d6	6.12	67	117517	48.54	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	97.08%
41) Toluene-d8	7.36	98	325963	46.89	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.78%
43) trans-1,3-Dichloropropene-	7.67	79	43917	40.56	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	81.12%
47) 2-Hexanone-d5	8.14	63	104979	95.90	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	95.90%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	148646	45.01	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	90.02%
64) 1,2-Dichlorobenzene-d4	11.68	152	117827	48.86	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.72%

Target Compounds					Ovalue
42) Toluene	7.43	91	22486	2.701 ug/L	94
52) Ethylbenzene	9.06	91	60897	6.668 ug/L	100
53) m,p-Xylene	9.18	106	583447	173.841 ug/L	91

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

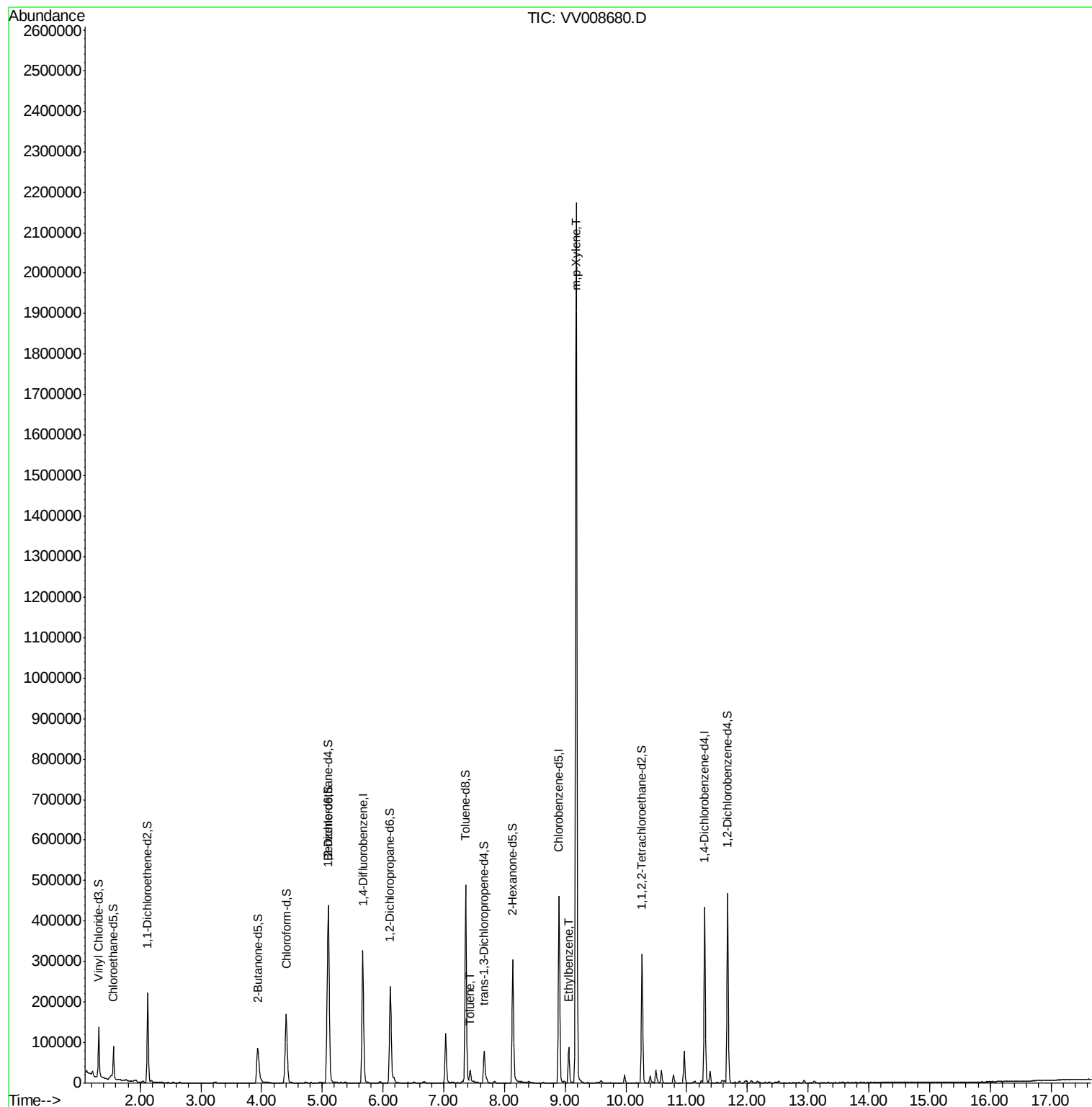
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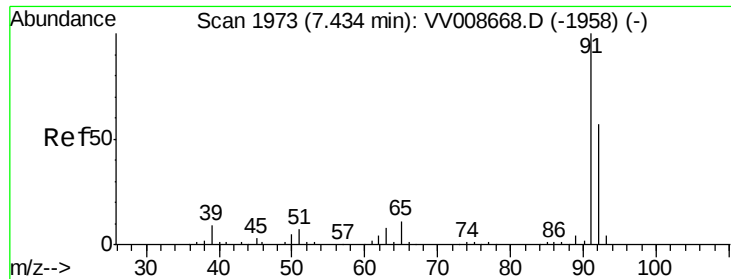
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#42

Toluene

Concen: 2.701 ug/L

RT: 7.43 min Scan# 1973

Delta R.T. 0.00 min

Lab File: VV008680.D

Acq: 20 Nov 2018 17:50

Instrument :
MSVOA_V
ClientSampleId :
E3YA4

Tot Ion: 91 Resp: 22486

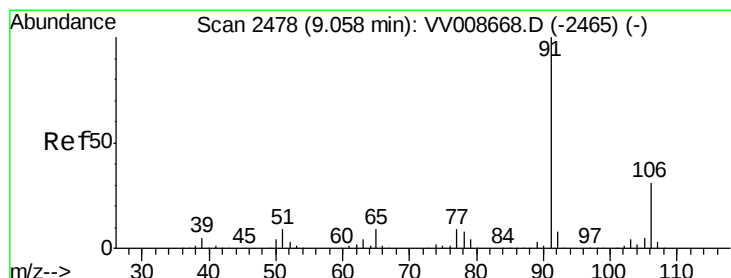
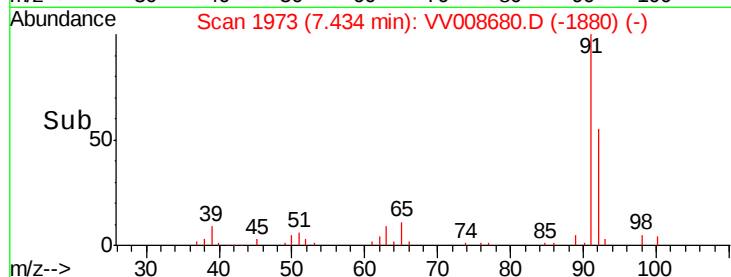
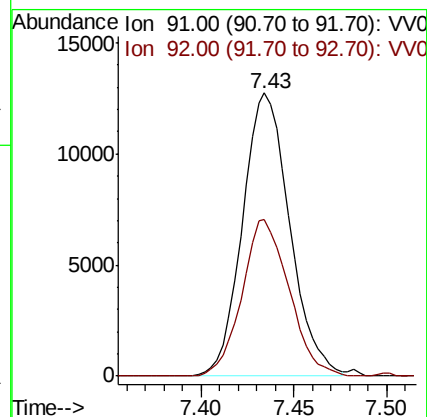
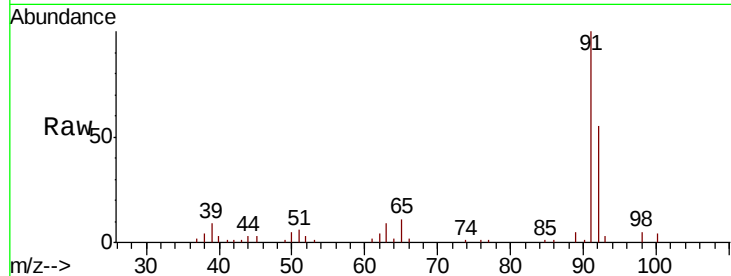
Ion Ratio Lower Upper

91 100

92 55.2 41.6 77.2

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#52

Ethylbenzene

Concen: 6.668 ug/L

RT: 9.06 min Scan# 2478

Delta R.T. 0.00 min

Lab File: VV008680.D

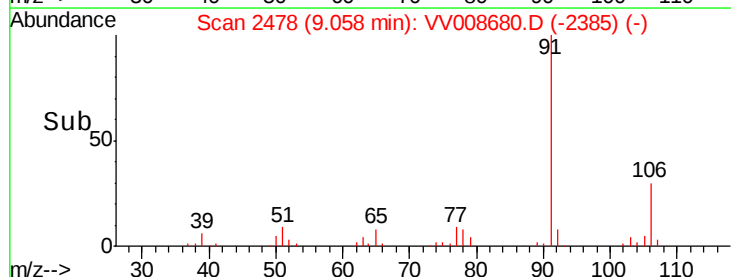
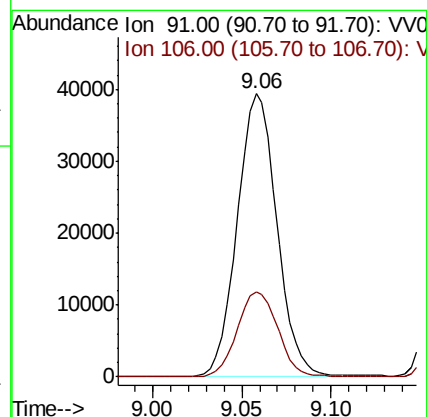
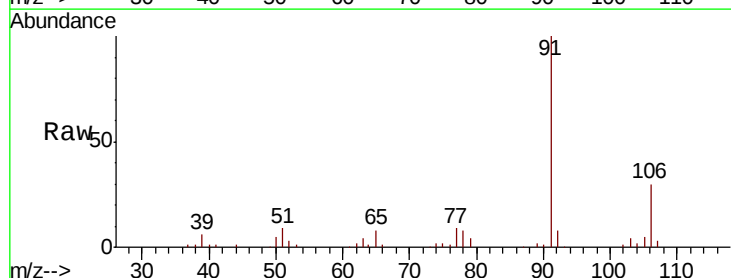
Acq: 20 Nov 2018 17:50

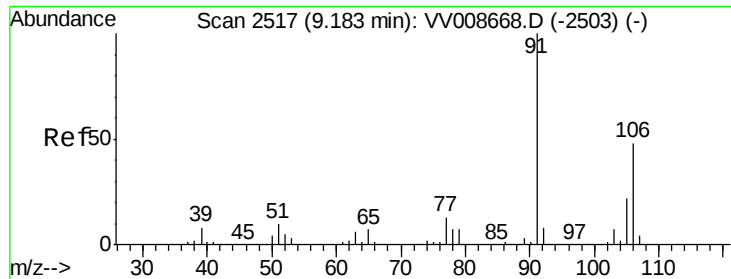
Tgt Ion: 91 Resp: 60897

Ion Ratio Lower Upper

91 100

106 30.2 21.2 39.4





#53
 m,p-Xylene
 Concen: 173.841 ug/L
 RT: 9.18 min Scan# 2516
 Delta R.T. -0.00 min
 Lab File: VV008680.D
 Acq: 20 Nov 2018 17:50

Instrument :
 MSVOA_V
 ClientSampleId :
 E3YA4

Tot Ion	Ratio	Lower	Upper
106	100		
91	206.2	154.7	287.3

Manual Integrations
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