

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV112018\
 Data File : VV008678.D
 Acq On : 20 Nov 2018 17:02
 Operator : SY/MD
 Sample : J5997-15 50X
 Misc : 5.0 mL/MSVOA V/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 E3YB1

Quant Time: Nov 21 16:21:54 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	291238	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	261954	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	115278	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	87299	42.49	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	84.98%
7) Chloroethane-d5	1.57	69	38597	34.39	ug/L	-0.02
Spiked Amount	50.000	Range	70 - 130	Recovery	=	68.78%#
11) 1,1-Dichloroethene-d2	2.13	63	119012	35.10	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	70.20%
21) 2-Butanone-d5	3.94	46	150932	90.13	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	90.13%
24) Chloroform-d	4.41	84	180405	43.35	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.70%
26) 1,2-Dichloroethane-d4	5.09	65	121660	45.71	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.42%
32) Benzene-d6	5.10	84	389015	47.74	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.48%
36) 1,2-Dichloropropane-d6	6.12	67	121171	47.57	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	95.14%
41) Toluene-d8	7.36	98	345026	47.18	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.36%
43) trans-1,3-Dichloropropene-	7.67	79	45012	39.51	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	79.02%
47) 2-Hexanone-d5	8.14	63	106161	92.18	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	92.18%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	146939	42.29	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	84.58%
64) 1,2-Dichlorobenzene-d4	11.67	152	117865	46.84	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.68%

Target Compounds

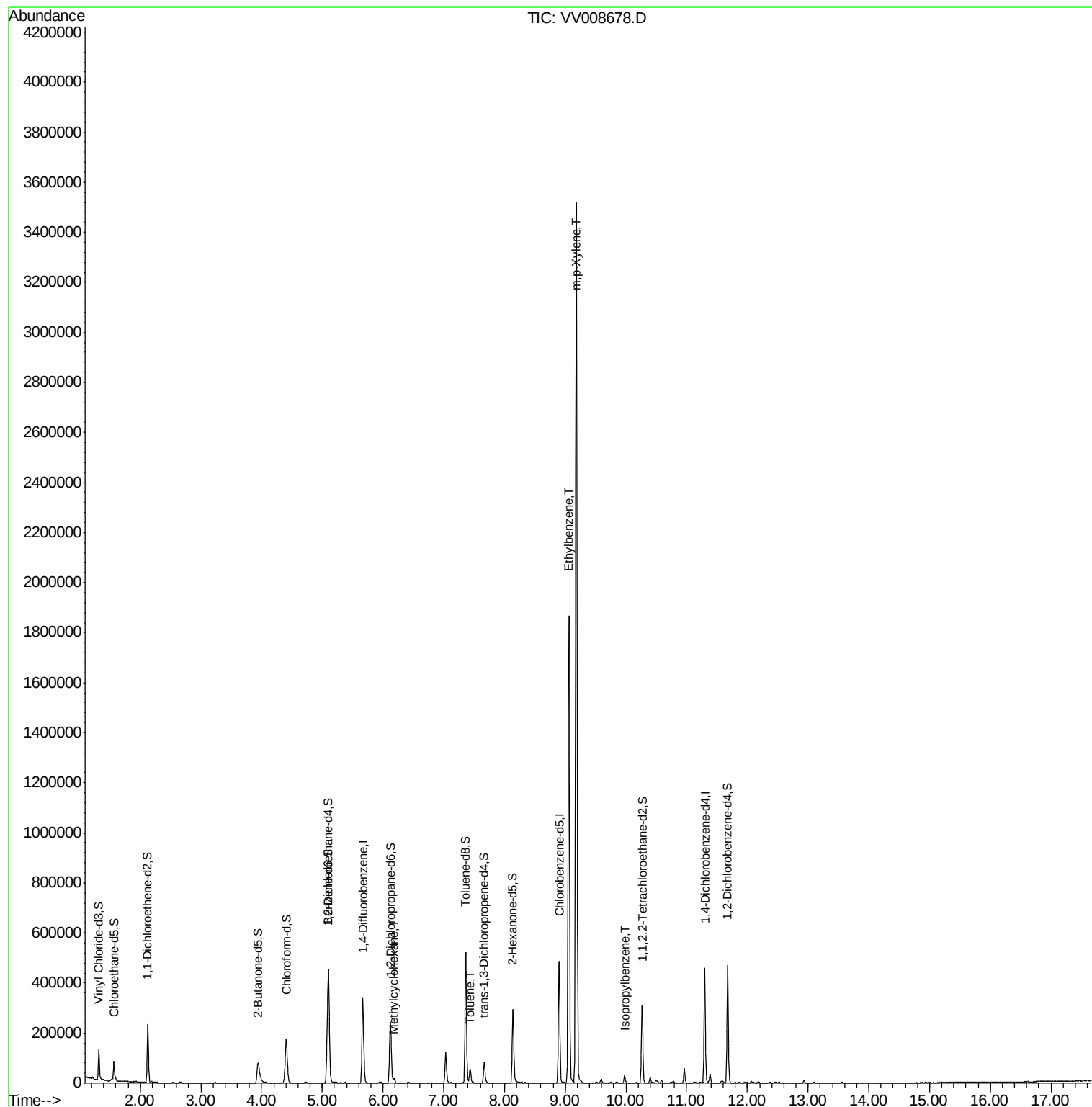
					Ovalue
35) Methylcyclohexane	6.18	83	6541	1.775	ug/L 91
42) Toluene	7.43	91	40259	4.597	ug/L 99
52) Ethylbenzene	9.06	91	1293317	134.592	ug/L 98
53) m,p-Xylene	9.18	106	971160	275.036	ug/L 92
56) Isopropylbenzene	9.98	105	19750	2.139	ug/L 98

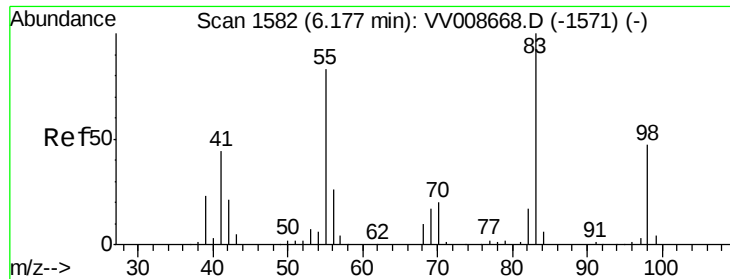
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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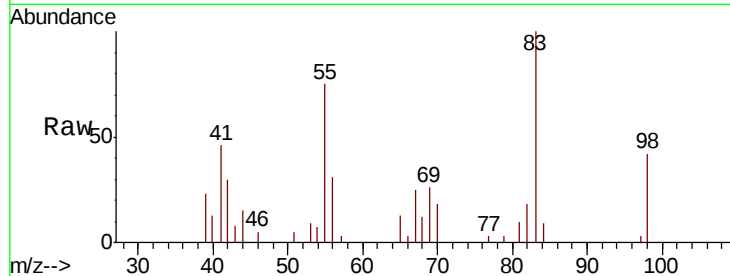




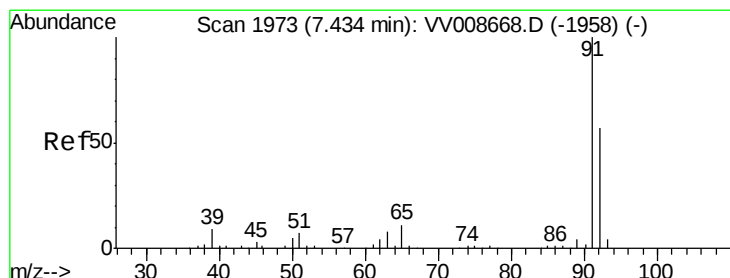
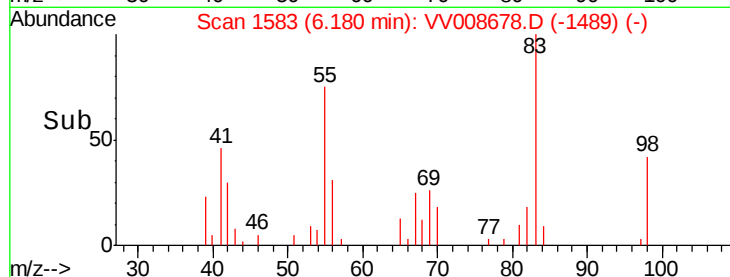
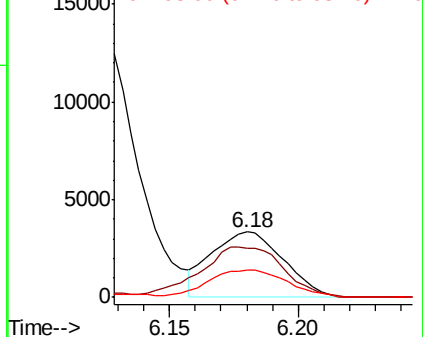
#35
Methvlcvclohexane
Concen: 1.775 ug/L
RT: 6.18 min Scan# 1583
Delta R.T. 0.00 min
Lab File: VV008678.D
Acq: 20 Nov 2018 17:02

Instrument :
MSVOA_V
ClientSampleId :
E3YB1

Tot Ion: 83 Resp: 6541
Ion Ratio Lower Upper
83 100
55 89.7 63.0 94.6
98 45.6 35.4 53.0

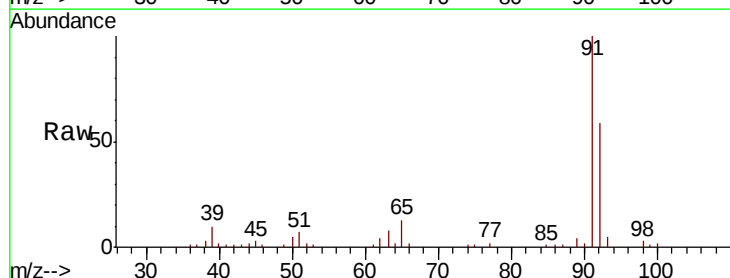


Abundance Ion 83.00 (82.70 to 83.70): VV0
Ion 55.00 (54.70 to 55.70): VV0
Ion 98.00 (97.70 to 98.70): VV0

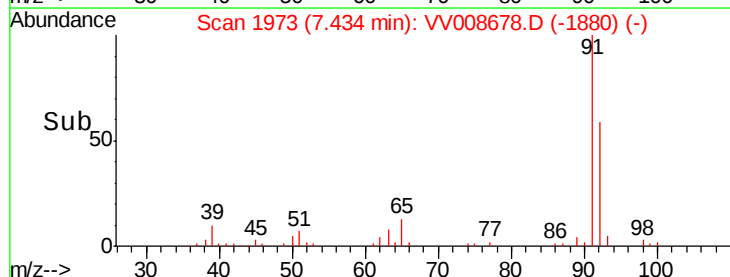
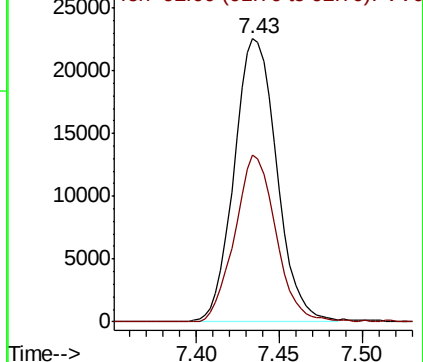


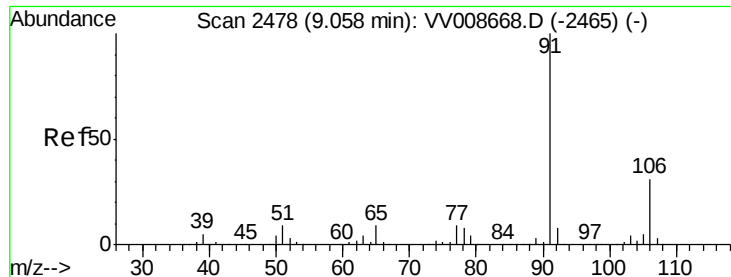
#42
Toluene
Concen: 4.597 ug/L
RT: 7.43 min Scan# 1973
Delta R.T. -0.00 min
Lab File: VV008678.D
Acq: 20 Nov 2018 17:02

Tgt Ion: 91 Resp: 40259
Ion Ratio Lower Upper
91 100
92 58.8 41.6 77.2



Abundance Ion 91.00 (90.70 to 91.70): VV0
Ion 92.00 (91.70 to 92.70): VV0





#52

Ethylbenzene

Concen: 134.592 ug/L

RT: 9.06 min Scan# 2478

Delta R.T. -0.00 min

Lab File: VV008678.D

Acq: 20 Nov 2018 17:02

Instrument :

MSVOA_V

ClientSampleId :

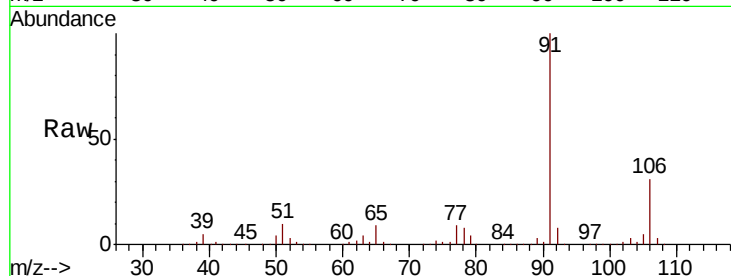
E3YB1

Tot Ion: 91 Resp: 1293317

Ion Ratio Lower Upper

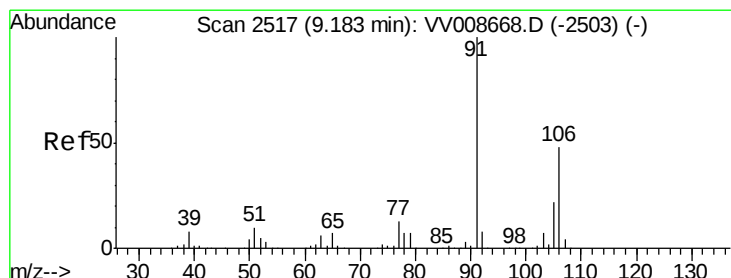
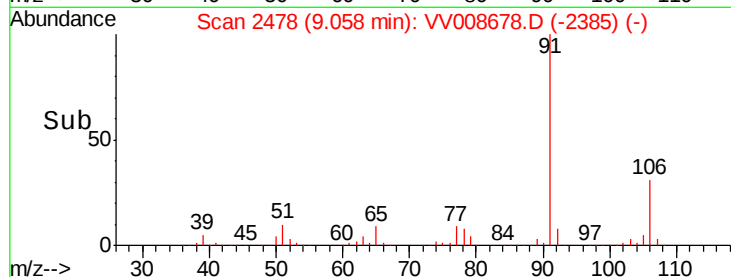
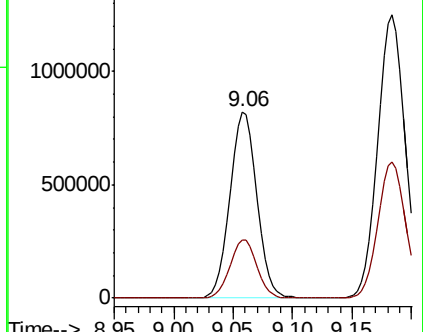
91 100

106 31.2 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: 275.036 ug/L

RT: 9.18 min Scan# 2517

Delta R.T. -0.00 min

Lab File: VV008678.D

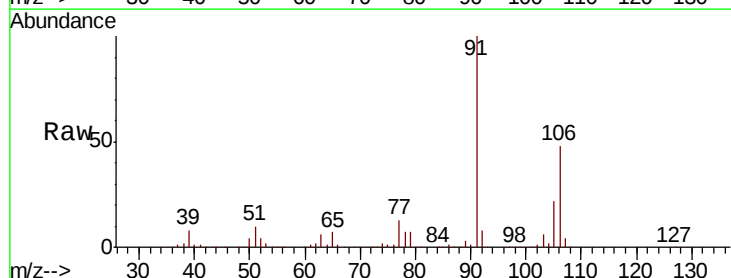
Acq: 20 Nov 2018 17:02

Tgt Ion: 106 Resp: 971160

Ion Ratio Lower Upper

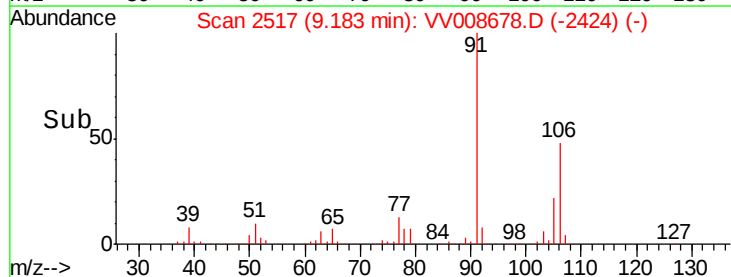
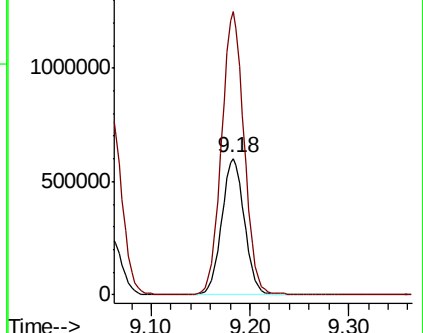
106 100

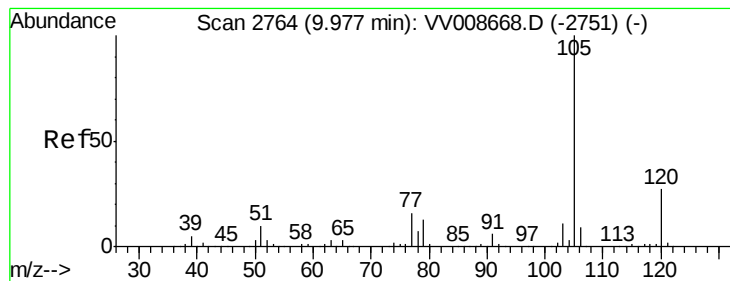
91 207.3 154.7 287.3



Abundance Ion 106.00 (105.70 to 106.70): VV008668.D (-2503) (-)

Ion 91.00 (90.70 to 91.70): VV008668.D (-2503) (-)





#56

Isopropylbenzene

Concen: 2.139 ug/L

RT: 9.98 min Scan# 2764

Delta R.T. -0.00 min

Lab File: VV008678.D

Acq: 20 Nov 2018 17:02

Instrument :
MSVOA_V
ClientSampleId :
E3YB1

Tot Ion:105 Resp: 19750

Ion Ratio Lower Upper

105 100

120 26.9 20.5 30.7

77 16.0 12.8 19.2

