

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV092318\
 Data File : VV007792.D
 Acq On : 23 Sep 2018 16:47
 Operator : SY/MD
 Sample : J5014-07
 Misc : 5.0 mL/MSVOA V/WATER
 ALS Vial : 70 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 E8JB5

Quant Time: Sep 24 08:25:49 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM092318WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Sep 24 07:19:48 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	193131	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	186354	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	103258	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	36595	34.86	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	69.72%
7) Chloroethane-d5	1.59	69	37394	39.20	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	78.40%
11) 1,1-Dichloroethene-d2	2.14	63	74523	30.11	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	60.22%
21) 2-Butanone-d5	3.95	46	59653	86.05	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	86.05%
24) Chloroform-d	4.41	84	91183	40.57	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	81.14%
26) 1,2-Dichloroethane-d4	5.09	65	62627	43.69	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.38%
32) Benzene-d6	5.11	84	186147	43.46	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.92%
36) 1,2-Dichloropropane-d6	6.13	67	53661	42.42	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	84.84%
41) Toluene-d8	7.36	98	188008	42.00	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	84.00%
43) trans-1,3-Dichloropropene-	7.67	79	24378	38.22	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	76.44%
47) 2-Hexanone-d5	8.14	63	48874	87.74	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	87.74%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	83043	42.06	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	84.12%
64) 1,2-Dichlorobenzene-d4	11.68	152	94394	44.44	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.88%

Target Compounds

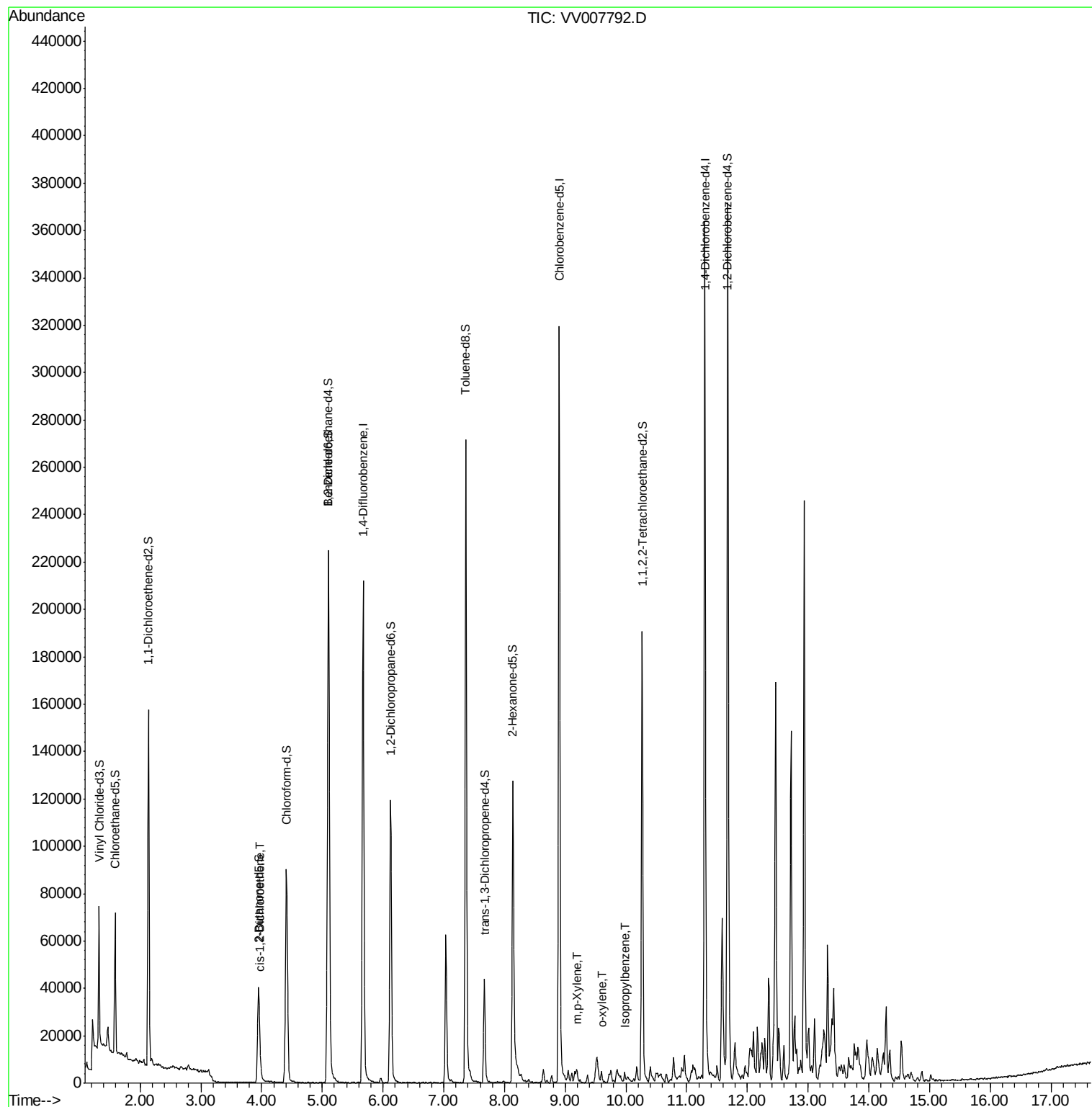
					Ovalue
20) cis-1,2-Dichloroethene	3.97	96	1137	0.877 ug/L	98
53) m,p-Xylene	9.19	106	1198	0.500 ug/L	74
54) o-xylene	9.59	106	958	0.410 ug/L	97
56) Isopropylbenzene	9.98	105	2601	0.413 ug/L #	91

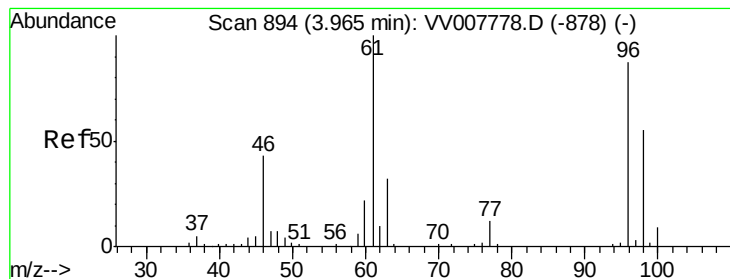
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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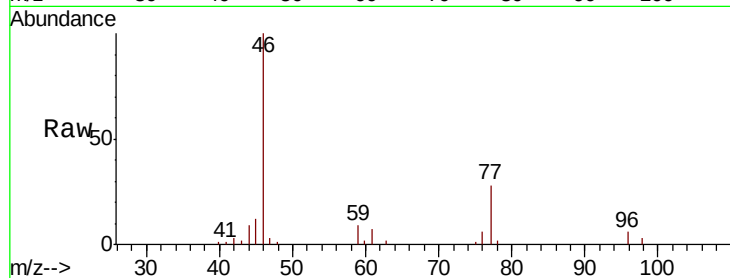


#20

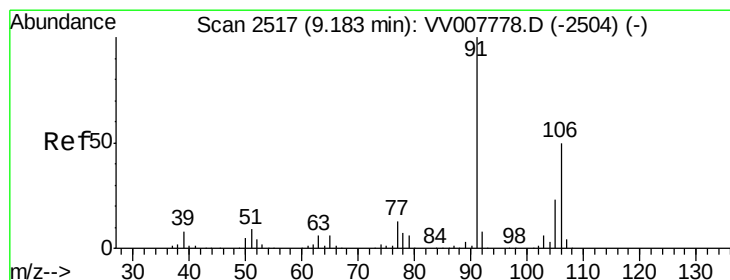
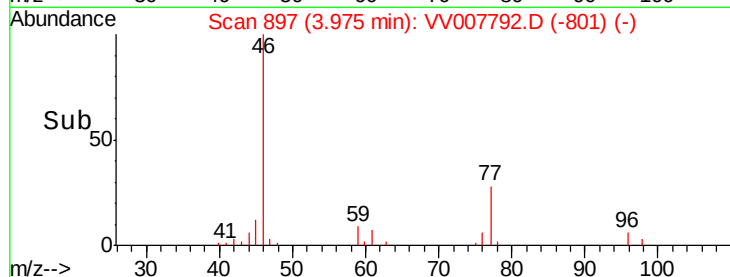
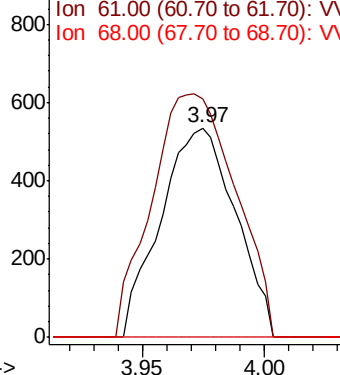
cis-1,2-Dichloroethene
 Concen: 0.877 ug/L
 RT: 3.97 min Scan# 897
 Delta R.T. 0.01 min
 Lab File: VV007792.D
 Acq: 23 Sep 2018 16:47

Instrument :
 MSVOA_V
 ClientSampled :
 E8JB5

Tot Ion: 96 Resp: 1137
 Ion Ratio Lower Upper
 96 100
 61 114.2 78.8 146.3
 68 0.0 0.0 0.0



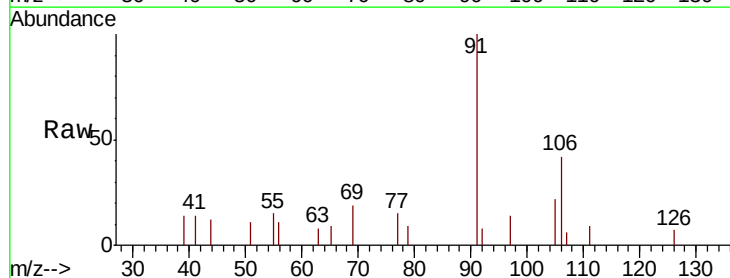
Abundance Ion 96.00 (95.70 to 96.70): VV0
 Ion 61.00 (60.70 to 61.70): VV0
 Ion 68.00 (67.70 to 68.70): VV0



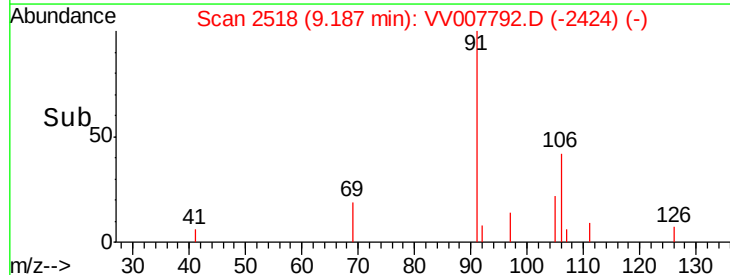
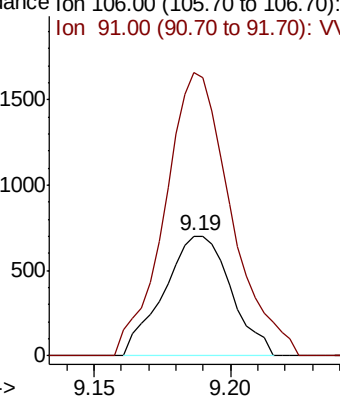
#53

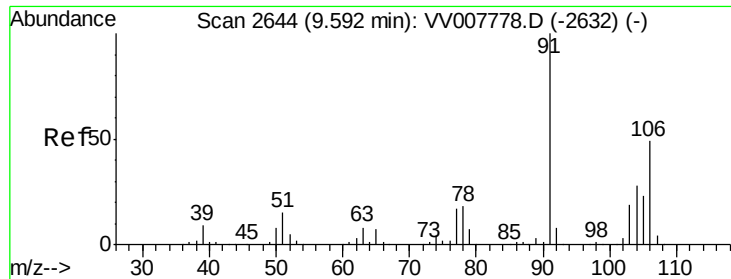
m,p-Xylene
 Concen: 0.500 ug/L
 RT: 9.19 min Scan# 2518
 Delta R.T. 0.00 min
 Lab File: VV007792.D
 Acq: 23 Sep 2018 16:47

Tgt Ion: 106 Resp: 1198
 Ion Ratio Lower Upper
 106 100
 91 235.7 137.3 254.9



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





#54

o-xylene

Concen: 0.410 ug/L

RT: 9.59 min Scan# 2645

Delta R.T. 0.00 min

Lab File: VV007792.D

Acq: 23 Sep 2018 16:47

Instrument :

MSVOA_V

ClientSampleId :

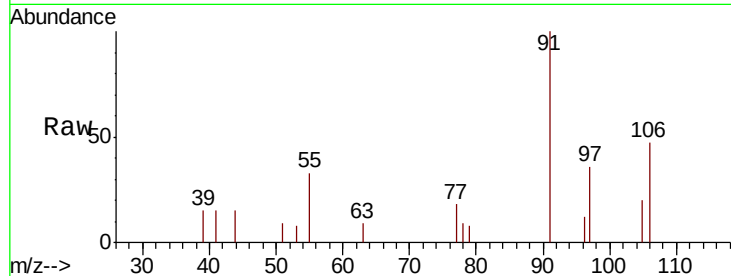
E8JB5

Tot Ion:106 Resp: 958

Ion Ratio Lower Upper

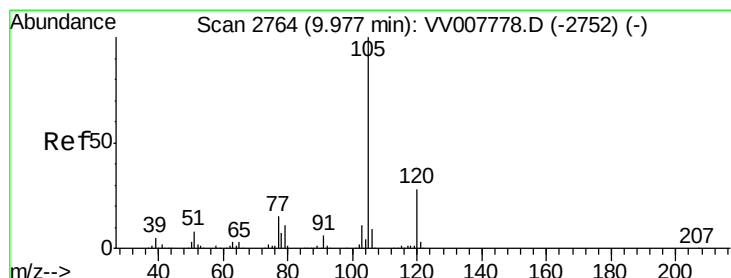
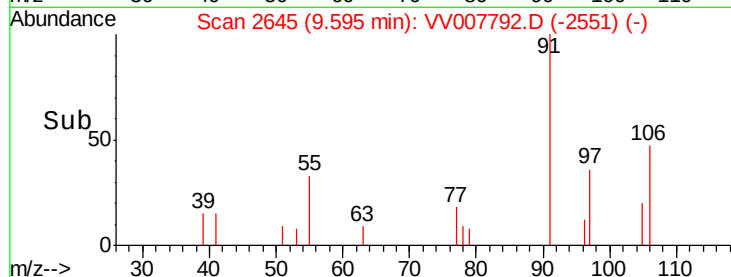
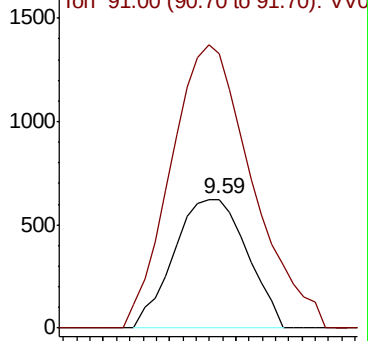
106 100

91 212.5 145.5 270.3



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VV0



#56

Isopropylbenzene

Concen: 0.413 ug/L

RT: 9.98 min Scan# 2766

Delta R.T. 0.01 min

Lab File: VV007792.D

Acq: 23 Sep 2018 16:47

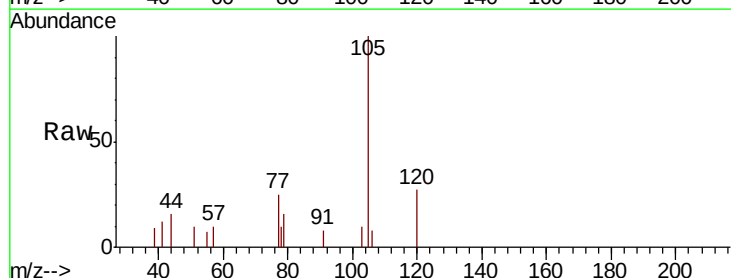
Tgt Ion:105 Resp: 2601

Ion Ratio Lower Upper

105 100

120 25.0 22.0 33.0

77 21.5 12.1 18.1#



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

