

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV081420\
 Data File : VV017992.D
 Acq On : 14 Aug 2020 13:06
 Operator : SY/MD
 Sample : L3599-19ME 100X
 Misc : 6.890g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 GAYA1ME

Quant Time: Aug 21 05:58:58 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM081120WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Aug 17 01:31:40 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	256092	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	250863	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	122122	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	64339	32.93	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	65.86%
7) Chloroethane-d5	1.58	69	59604	37.29	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	74.58%
11) 1,1-Dichloroethene-d2	2.12	63	104558	27.97	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	55.94%#
21) 2-Butanone-d5	3.91	46	114856	89.75	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	89.75%
24) Chloroform-d	4.38	84	145955	41.03	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	82.06%
26) 1,2-Dichloroethane-d4	5.06	65	100593	43.54	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.08%
32) Benzene-d6	5.08	84	278236	40.24	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	80.48%
36) 1,2-Dichloropropane-d6	6.09	67	96818	42.83	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	85.66%
41) Toluene-d8	7.34	98	244180	39.27	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	78.54%#
43) trans-1,3-Dichloropropene-	7.64	79	42018	40.99	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	81.98%
47) 2-Hexanone-d5	8.11	63	54416	75.02	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	75.02%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	123611	42.00	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	84.00%
64) 1,2-Dichlorobenzene-d4	11.65	152	111491	46.39	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.78%

Target Compounds

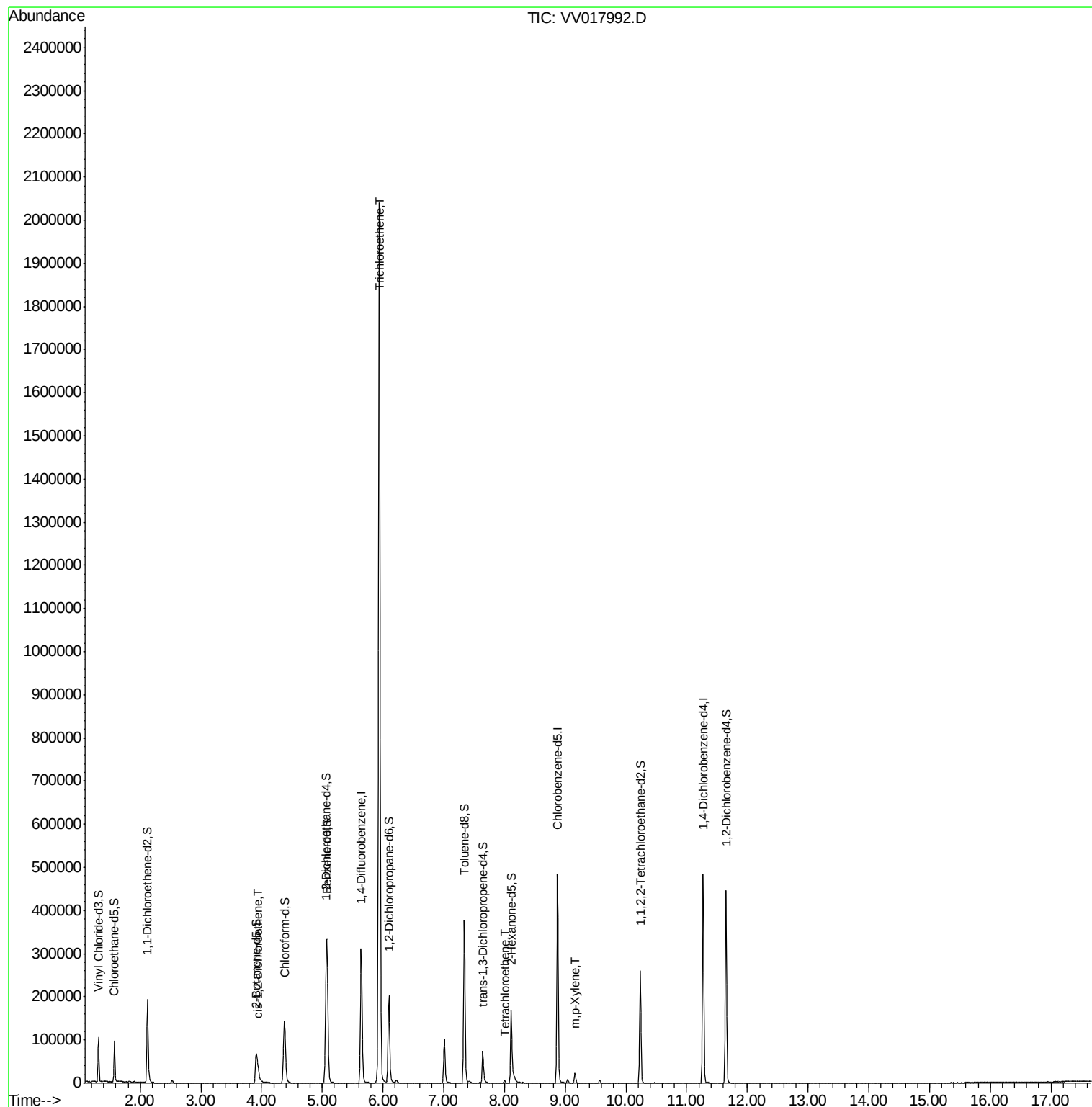
					Ovalue
20) cis-1,2-Dichloroethene	3.95	96	5265	2.713	ug/L 100
34) Trichloroethene	5.94	95	702044	342.204	ug/L 99
46) Tetrachloroethene	8.00	164	1246	0.828	ug/L 95
53) m,p-Xylene	9.16	106	6989	2.152	ug/L 99

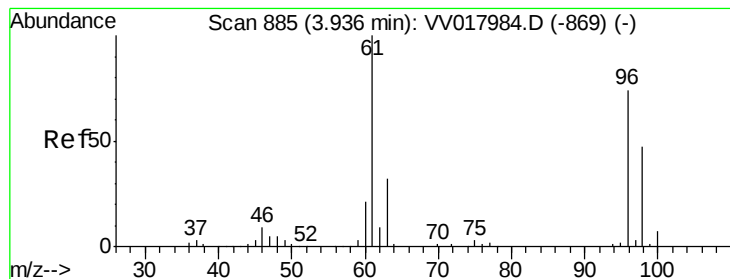
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Mon Aug 17 01:31:40 2020
Response via : Initial Calibration





#20

cis-1,2-Dichloroethene

Concen: 2.713 ug/L

RT: 3.95 min Scan# 888

Delta R.T. 0.01 min

Lab File: VV017992.D

Acq: 14 Aug 2020 13:06

Instrument :

MSVOA_V

ClientSampleId :

GAYA1ME

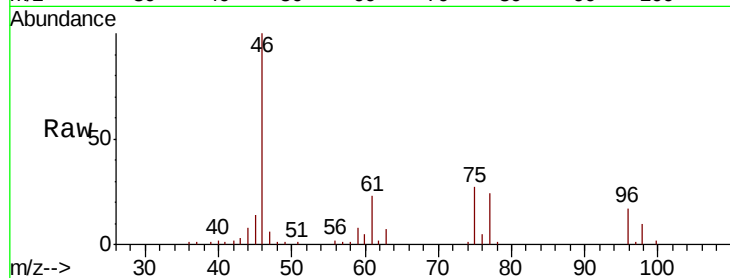
Tot Ion: 96 Resp: 5265

Ion Ratio Lower Upper

96 100

61 135.4 95.0 176.4

68 0.0 0.0 0.0

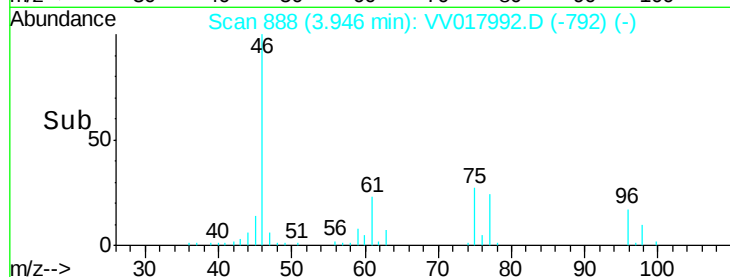


Abundance Ion 96.00 (95.70 to 96.70): VV017984.D (-869) (-)

Ion 61.00 (60.70 to 61.70): VV017984.D (-869) (-)

Ion 68.00 (67.70 to 68.70): VV017984.D (-869) (-)

Time-->

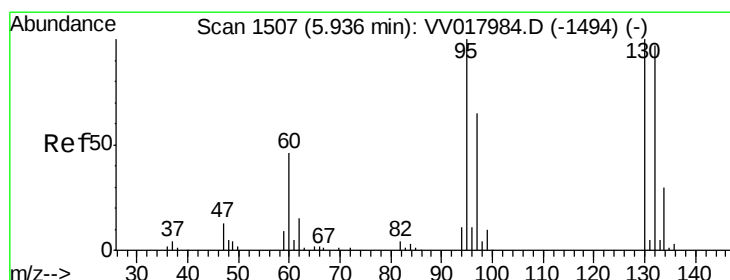


Abundance Ion 96.00 (95.70 to 96.70): VV017992.D (-792) (-)

Ion 61.00 (60.70 to 61.70): VV017992.D (-792) (-)

Ion 68.00 (67.70 to 68.70): VV017992.D (-792) (-)

Time-->



#34

Trichloroethene

Concen: 342.204 ug/L

RT: 5.94 min Scan# 1508

Delta R.T. 0.00 min

Lab File: VV017992.D

Acq: 14 Aug 2020 13:06

Tgt Ion: 95 Resp: 702044

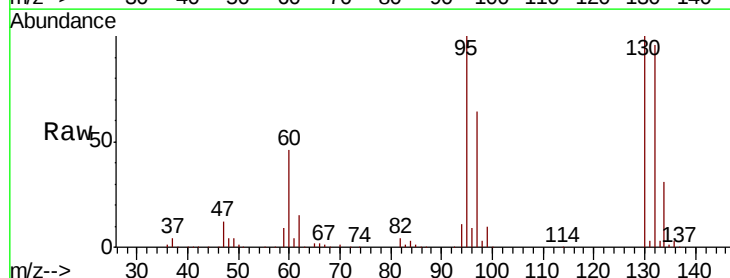
Ion Ratio Lower Upper

95 100

97 64.5 46.0 85.4

132 96.0 65.8 122.2

130 99.8 69.2 128.6



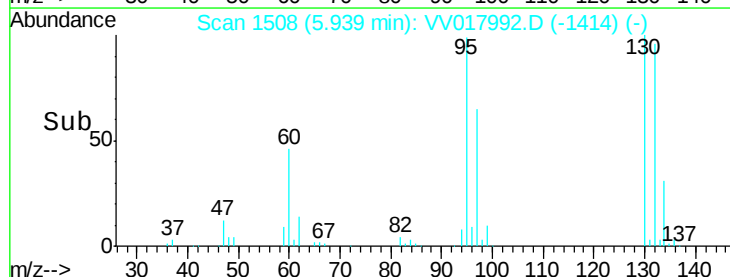
Abundance Ion 95.00 (94.70 to 95.70): VV017984.D (-1494) (-)

Ion 97.00 (96.70 to 97.70): VV017984.D (-1494) (-)

Ion 132.00 (131.70 to 132.70): VV017984.D (-1494) (-)

Ion 130.00 (129.70 to 130.70): VV017984.D (-1494) (-)

Time-->



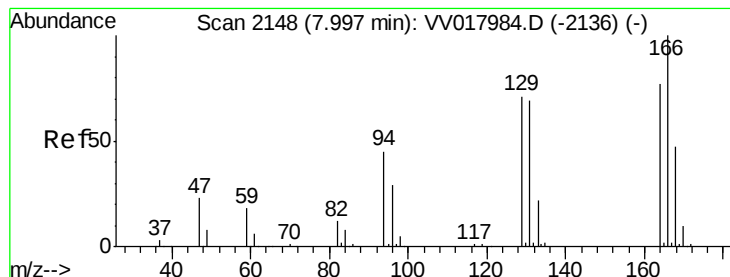
Abundance Ion 95.00 (94.70 to 95.70): VV017992.D (-1414) (-)

Ion 97.00 (96.70 to 97.70): VV017992.D (-1414) (-)

Ion 132.00 (131.70 to 132.70): VV017992.D (-1414) (-)

Ion 130.00 (129.70 to 130.70): VV017992.D (-1414) (-)

Time-->



#46

Tetrachloroethene

Concen: 0.828 ug/L

RT: 8.00 min Scan# 2150

Delta R.T. 0.01 min

Lab File: VV017992.D

Acq: 14 Aug 2020 13:06

Instrument :

MSVOA_V

ClientSampleId :

GAYA1ME

Tot Ion:164 Resp: 1246

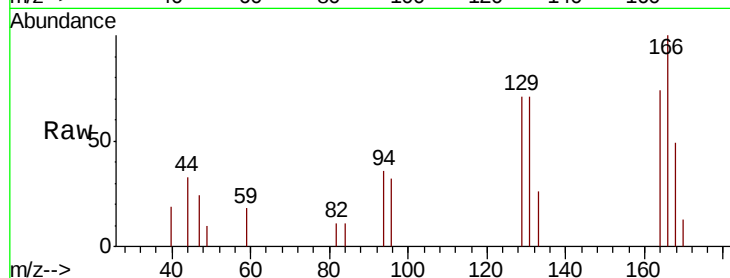
Ion Ratio Lower Upper

164 100

129 96.3 64.8 120.3

131 96.1 64.5 119.9

166 135.7 88.9 165.1

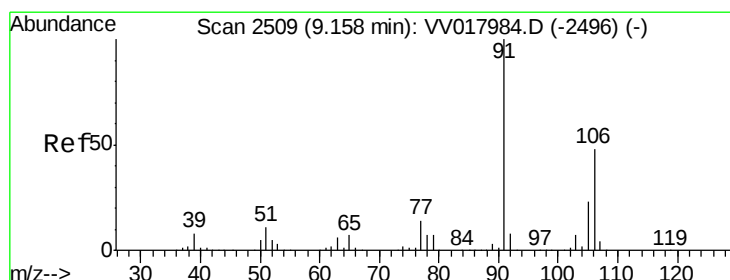
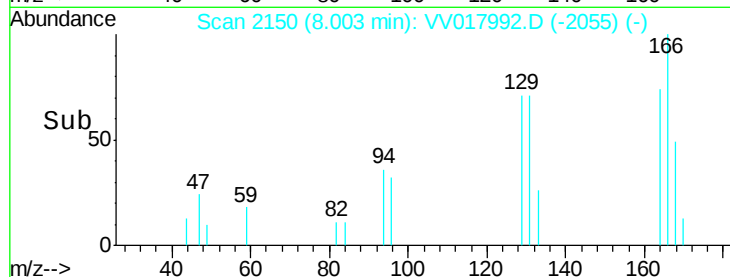
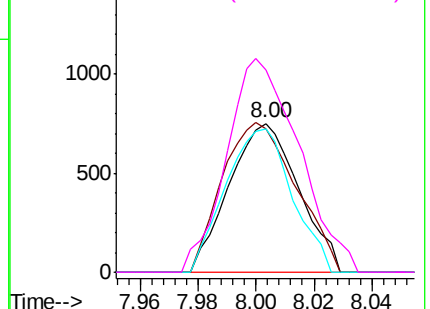


Abundance Ion 164.00 (163.70 to 164.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 131.00 (130.70 to 131.70): V

Ion 166.00 (165.70 to 166.70): V



#53

m,p-Xylene

Concen: 2.152 ug/L

RT: 9.16 min Scan# 2510

Delta R.T. 0.00 min

Lab File: VV017992.D

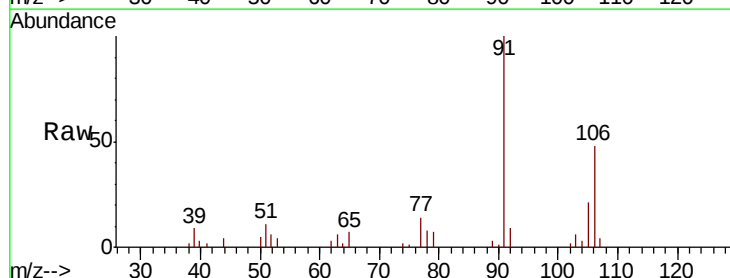
Acq: 14 Aug 2020 13:06

Tgt Ion:106 Resp: 6989

Ion Ratio Lower Upper

106 100

91 208.3 147.3 273.6



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VV0

