

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV091620\
 Data File : VV018250.D
 Acq On : 16 Sep 2020 21:26
 Operator : SY/MD
 Sample : L4042-04
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AA4

Quant Time: Sep 17 05:50:50 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM090920WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Sep 17 05:33:55 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	309190	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	304492	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	145088	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	95931	38.07	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	76.14%
7) Chloroethane-d5	1.58	69	78412	38.03	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	76.06%
11) 1,1-Dichloroethene-d2	2.12	63	138221	29.90	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	59.80%#
21) 2-Butanone-d5	3.92	46	119759	77.65	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	77.65%
24) Chloroform-d	4.38	84	170189	38.93	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	77.86%
26) 1,2-Dichloroethane-d4	5.06	65	113089	40.35	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	80.70%
32) Benzene-d6	5.08	84	339903	38.99	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	77.98%
36) 1,2-Dichloropropane-d6	6.09	67	108460	39.16	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	78.32%
41) Toluene-d8	7.34	98	305556	38.46	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	76.92%#
43) trans-1,3-Dichloropropene-	7.64	79	51128	36.33	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	72.66%
47) 2-Hexanone-d5	8.11	63	87888	83.77	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	83.77%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	143106	41.17	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	82.34%
64) 1,2-Dichlorobenzene-d4	11.65	152	129680	43.52	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	87.04%

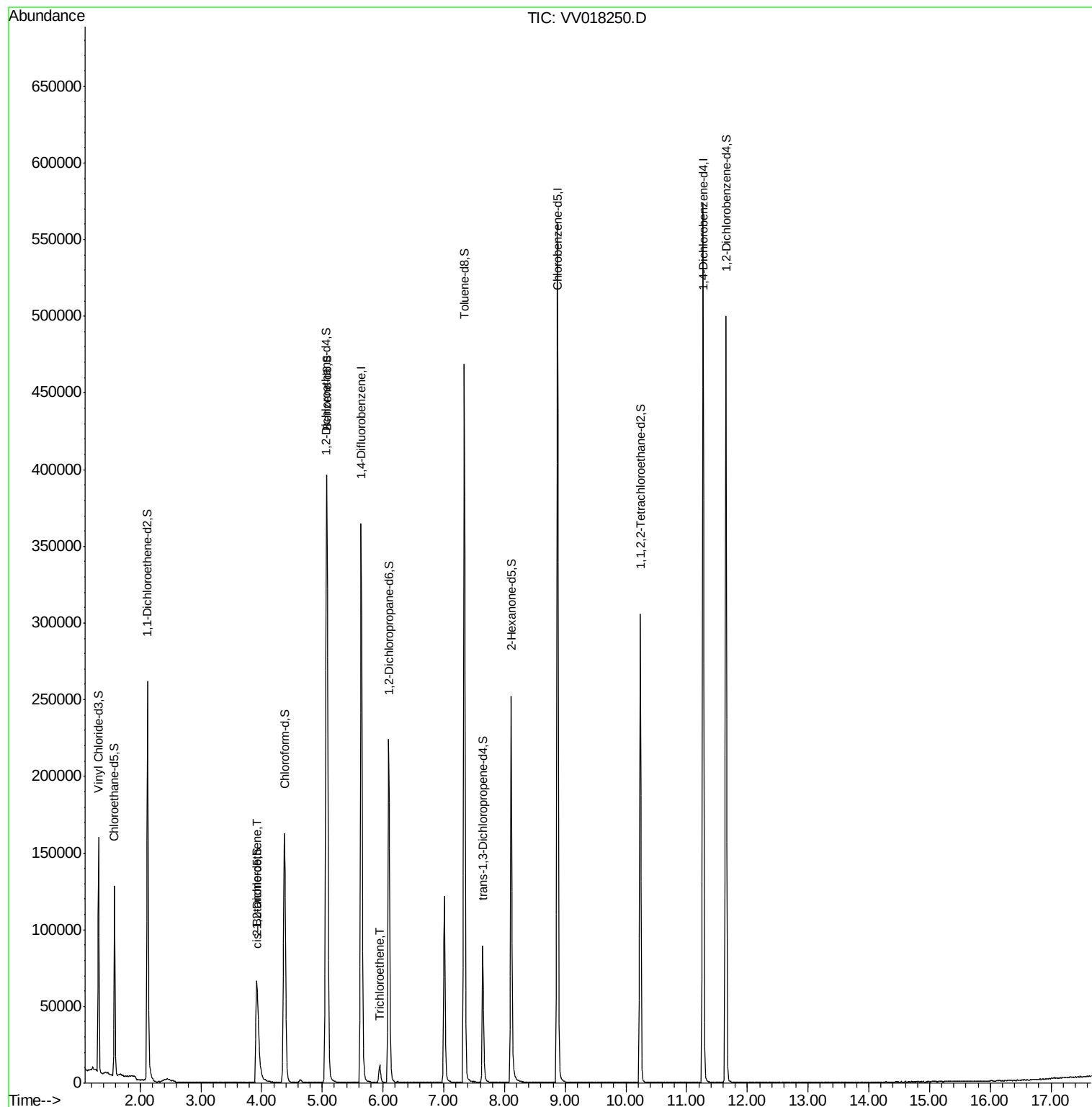
Target Compounds					Ovalue
20) cis-1,2-Dichloroethene	3.94	96	2878	1.287 ug/L	89
34) Trichloroethene	5.95	95	3948	1.665 ug/L	96

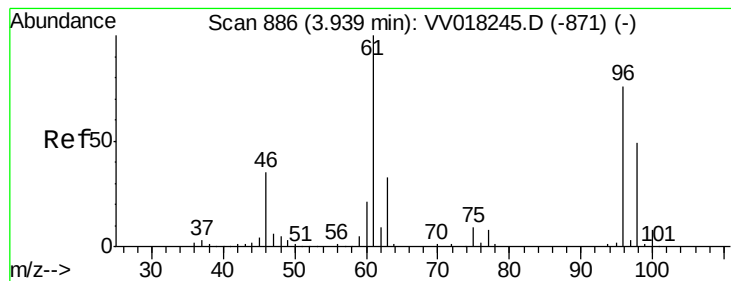
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#20

cis-1,2-Dichloroethene

Concen: 1.287 ug/L

RT: 3.94 min Scan# 887

Delta R.T. 0.00 min

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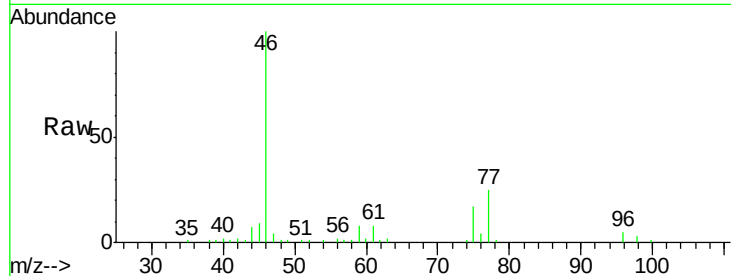
Tot Ion: 96 Resp: 2878

Ion Ratio Lower Upper

96 100

61 146.3 93.6 173.8

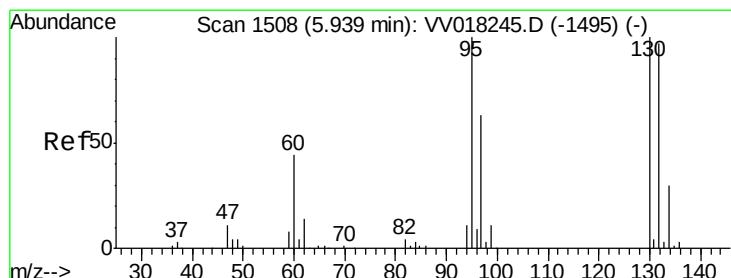
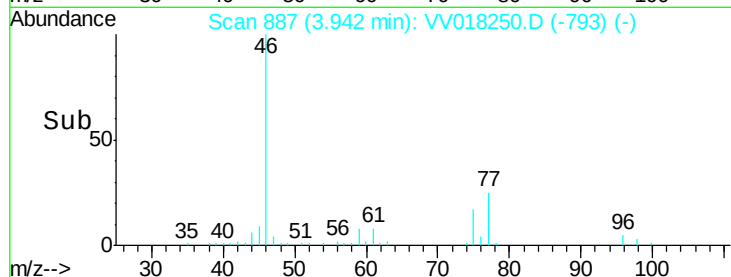
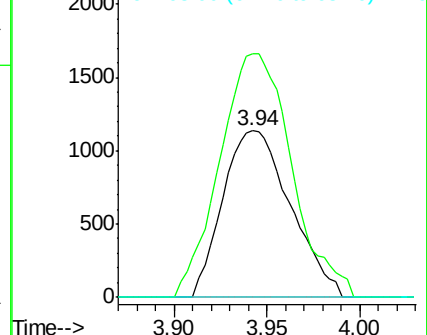
68 0.0 0.0 0.0



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



#34

Trichloroethene

Concen: 1.665 ug/L

RT: 5.95 min Scan# 1510

Delta R.T. 0.01 min

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Tgt Ion: 95 Resp: 3948

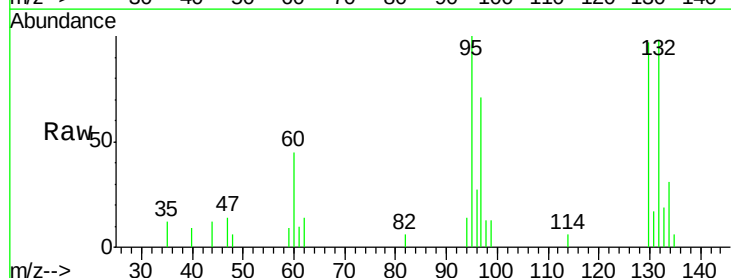
Ion Ratio Lower Upper

95 100

97 71.1 46.3 85.9

132 97.9 68.1 126.5

130 97.1 71.5 132.9



Abundance Ion 95.00 (94.70 to 95.70): VV0

Ion 97.00 (96.70 to 97.70): VV0

Ion 132.00 (131.70 to 132.70): VV0

Ion 130.00 (129.70 to 130.70): VV0

