

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV091620\
 Data File : VV018257.D
 Acq On : 17 Sep 2020 00:05
 Operator : SY/MD
 Sample : L4042-11
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AC2

Quant Time: Sep 17 06:09:37 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	283437	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	283281	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	134138	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	94637	40.97	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	81.94%
7) Chloroethane-d5	1.58	69	79709	42.17	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	84.34%
11) 1,1-Dichloroethene-d2	2.12	63	140610	33.19	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	66.38%
21) 2-Butanone-d5	3.92	46	124385	87.98	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	87.98%
24) Chloroform-d	4.38	84	170868	42.64	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.28%
26) 1,2-Dichloroethane-d4	5.06	65	115331	44.89	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.78%
32) Benzene-d6	5.08	84	345119	42.56	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.12%
36) 1,2-Dichloropropane-d6	6.09	67	110235	42.78	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	85.56%
41) Toluene-d8	7.34	98	309145	41.83	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	83.66%
43) trans-1,3-Dichloropropene-	7.64	79	52758	40.29	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	80.58%
47) 2-Hexanone-d5	8.11	63	89518	91.72	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	91.72%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	146383	45.26	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	90.52%
64) 1,2-Dichlorobenzene-d4	11.65	152	131306	47.66	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.32%

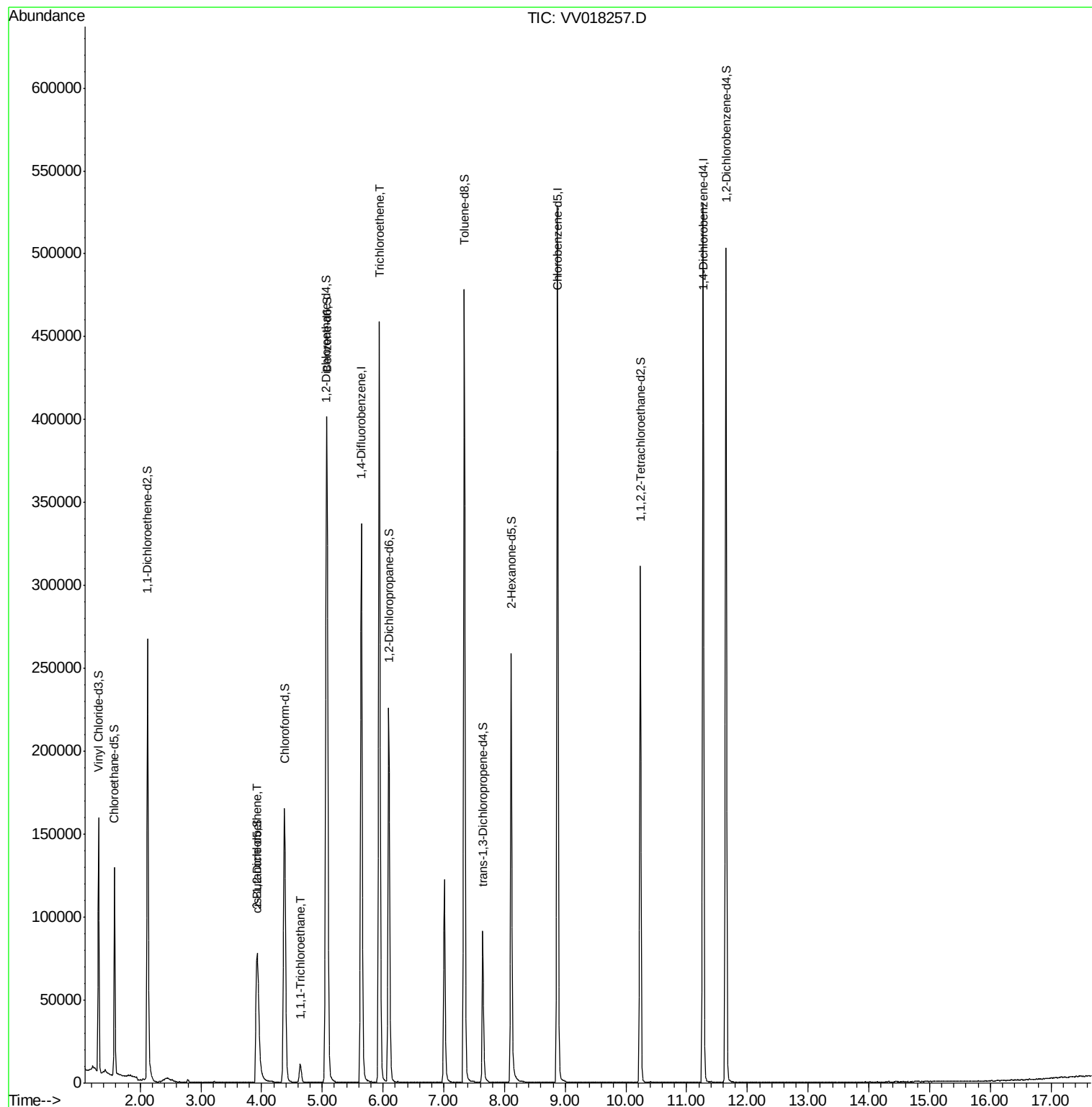
Target Compounds					Ovalue
20) cis-1,2-Dichloroethene	3.94	96	10021	4.888 ug/L	96
30) 1,1,1-Trichloroethane	4.64	97	9461	2.878 ug/L	99
34) Trichloroethene	5.94	95	159974	72.506 ug/L	99

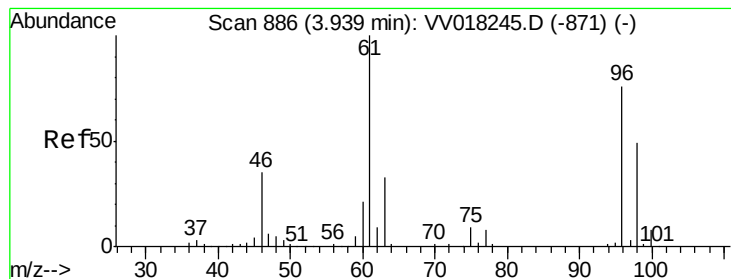
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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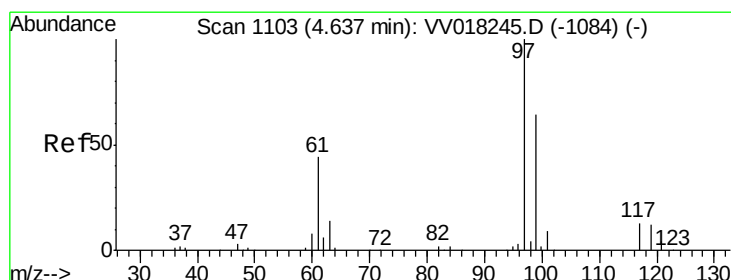
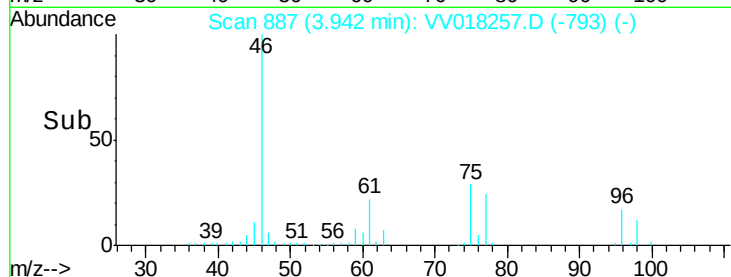
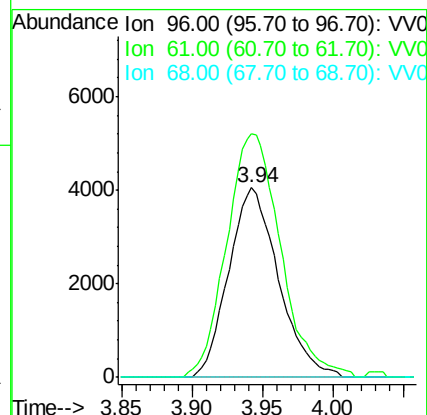
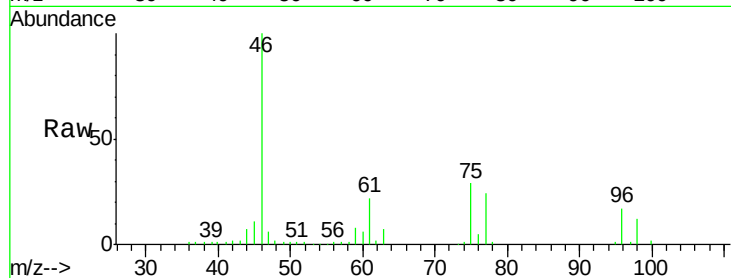


#20

cis-1,2-Dichloroethene
 Concen: 4.888 ug/L
 RT: 3.94 min Scan# 887
 Delta R.T. 0.00 min
 Lab File: VV018257.D
 Acq: 17 Sep 2020 00:05

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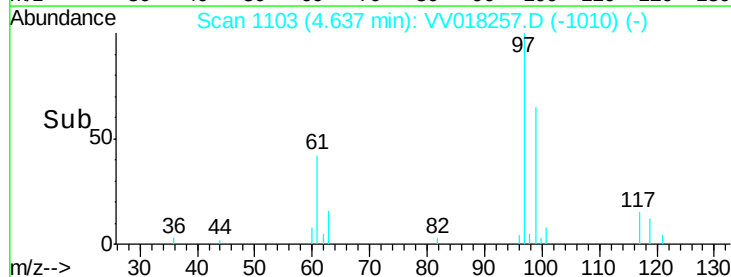
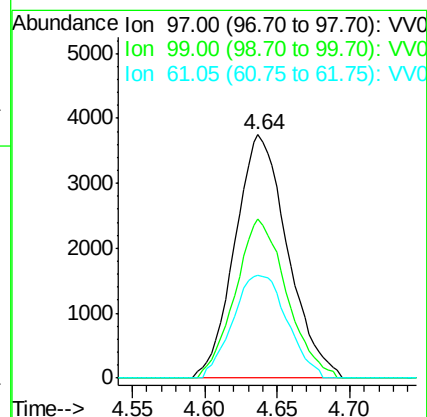
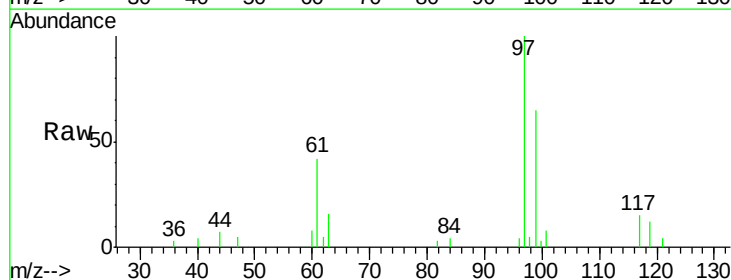
Tot Ion: 96 Resp: 10021
 Ion Ratio Lower Upper
 96 100
 61 128.6 93.6 173.8
 68 0.0 0.0 0.0

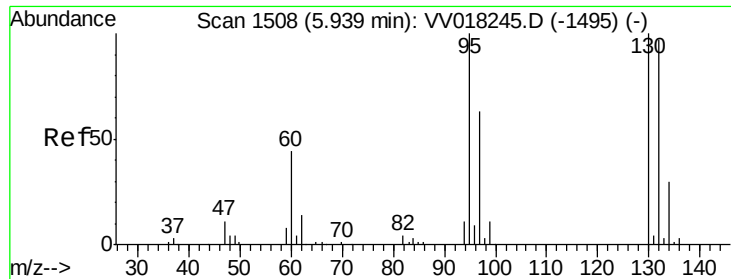


#30

1,1,1-Trichloroethane
 Concen: 2.878 ug/L
 RT: 4.64 min Scan# 1103
 Delta R.T. -0.00 min
 Lab File: VV018257.D
 Acq: 17 Sep 2020 00:05

Tgt Ion: 97 Resp: 9461
 Ion Ratio Lower Upper
 97 100
 99 63.7 51.6 77.4
 61 43.4 34.9 52.3





#34

Trichloroethene

Concen: 72.506 ug/L

RT: 5.94 min Scan# 1508

Delta R.T. -0.00 min

Lab File: VV018257.D

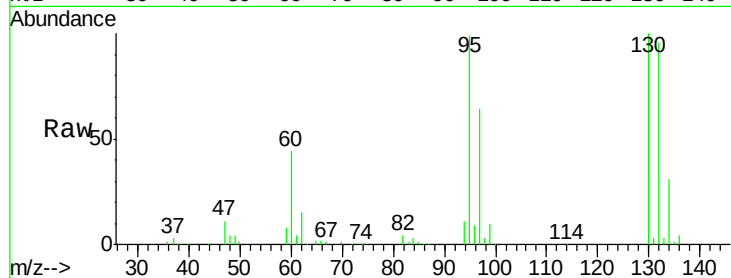
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Tot Ion: 95 Resp: 159974

Ion Ratio Lower Upper

95 100

97 64.1 46.3 85.9

132 96.9 68.1 126.5

130 100.9 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): V

Ion 130.00 (129.70 to 130.70): V

