

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV121620\
 Data File : VV019686.D
 Acq On : 16 Dec 2020 19:47
 Operator : SY/MD
 Sample : L5062-18
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0B29

Quant Time: Dec 17 01:58:56 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM121020WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Dec 17 00:30:07 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.62	114	588173	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.86	117	552335	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.25	152	249095	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	207763	49.26	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	98.52%
7) Chloroethane-d5	1.57	69	168340	50.61	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	101.22%
11) 1,1-Dichloroethene-d2	2.11	63	302501	38.64	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	77.28%
21) 2-Butanone-d5	3.89	46	295365	128.84	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	128.84%
24) Chloroform-d	4.35	84	373305	49.11	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.22%
26) 1,2-Dichloroethane-d4	5.04	65	261538	52.65	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	105.30%
32) Benzene-d6	5.05	84	758141	51.47	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.94%
36) 1,2-Dichloropropane-d6	6.07	67	241981	52.44	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	104.88%
41) Toluene-d8	7.32	98	661341	49.86	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.72%
43) trans-1,3-Dichloropropene-	7.62	79	107401	40.92	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	81.84%
47) 2-Hexanone-d5	8.09	63	199610	110.22	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	110.22%
57) 1,1,2,2-Tetrachloroethane-	10.22	84	301241	48.26	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	96.52%
64) 1,2-Dichlorobenzene-d4	11.63	152	241106	51.78	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	103.56%

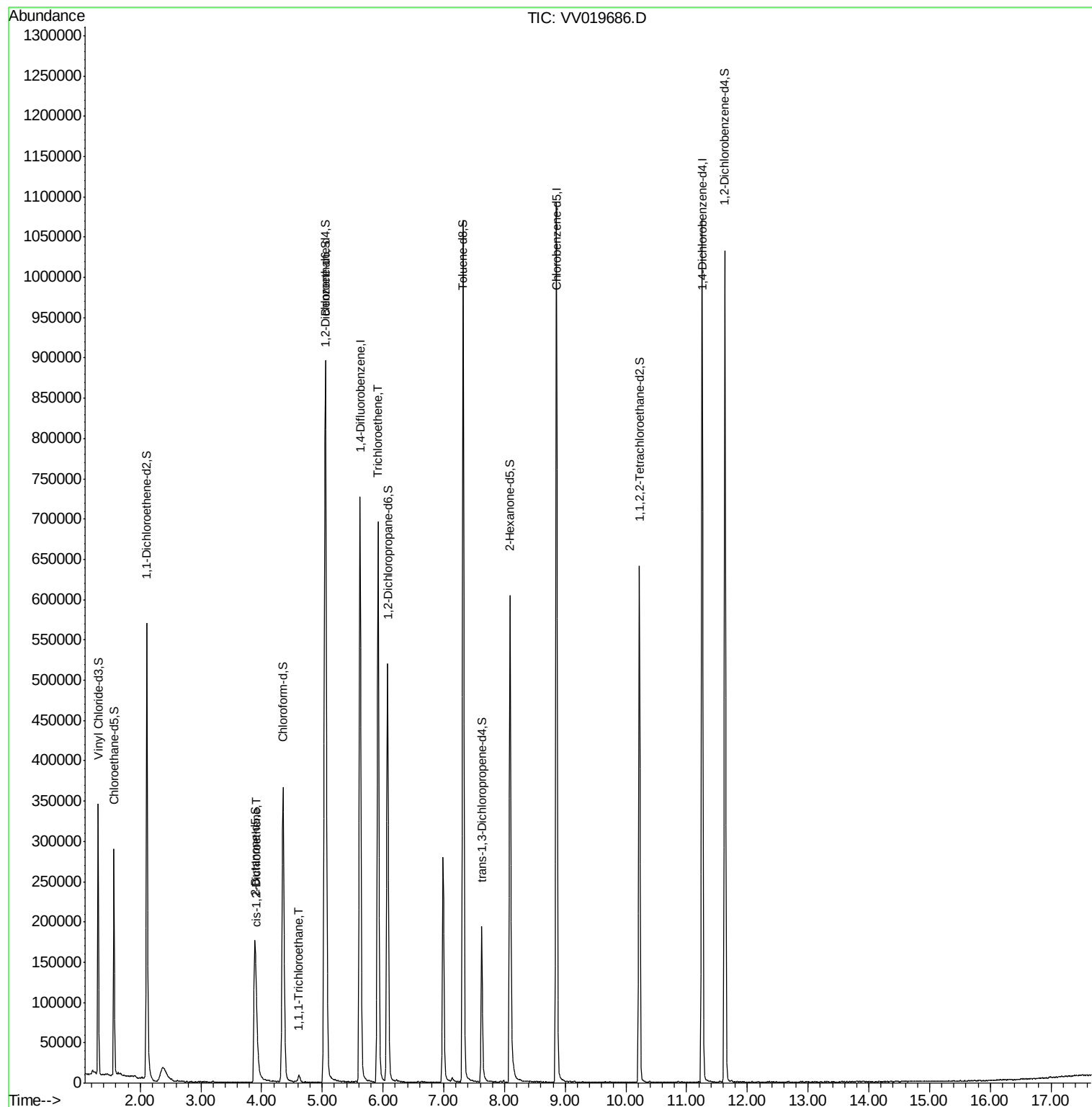
Target Compounds					Ovalue
20) cis-1,2-Dichloroethene	3.92	96	15798	3.742 ug/L #	90
30) 1,1,1-Trichloroethane	4.62	97	6414	0.926 ug/L	96
34) Trichloroethene	5.92	95	244085	57.240 ug/L	98

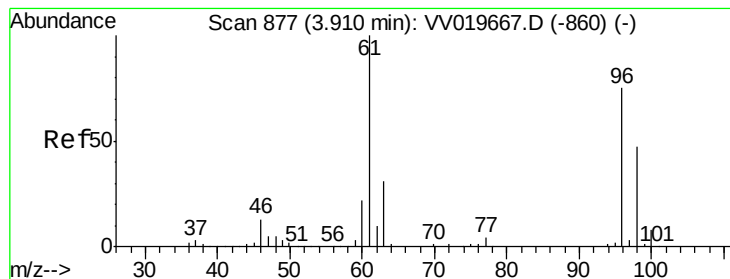
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#20

cis-1,2-Dichloroethene

Concen: 3.742 ug/L

RT: 3.92 min Scan# 879

Delta R.T. 0.01 min

Lab File: VV019686.D

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Instrument :

MSVOA_V

ClientSampleId :

C0B29

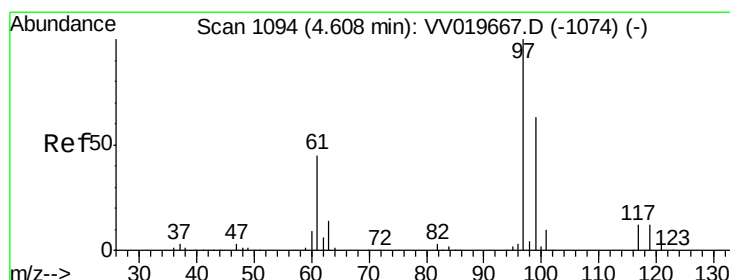
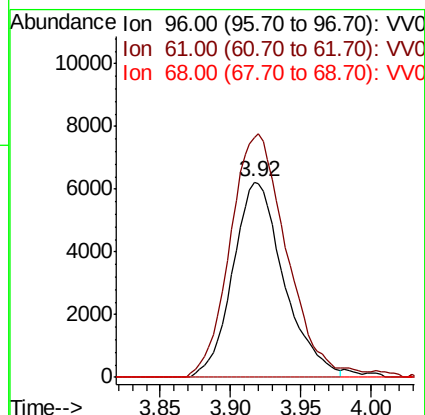
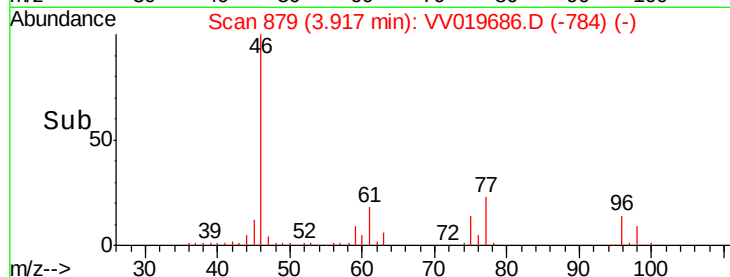
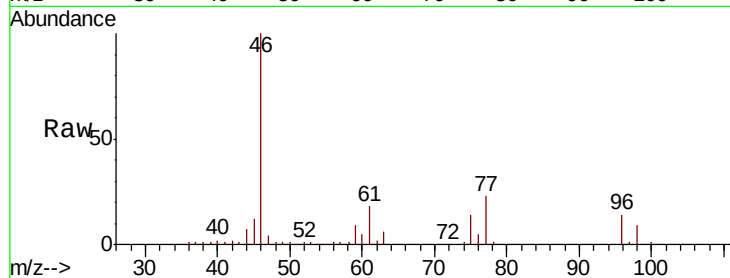
Tot Ion: 96 Resp: 15798

Ion Ratio Lower Upper

96 100

61 123.0 94.1 174.8

68 0.0 0.1 0.1#



#30

1,1,1-Trichloroethane

Concen: 0.926 ug/L

RT: 4.62 min Scan# 1097

Delta R.T. 0.01 min

Lab File: VV019686.D

Acq: 16 Dec 2020 19:47

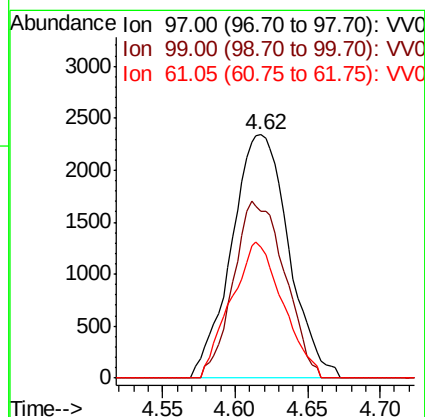
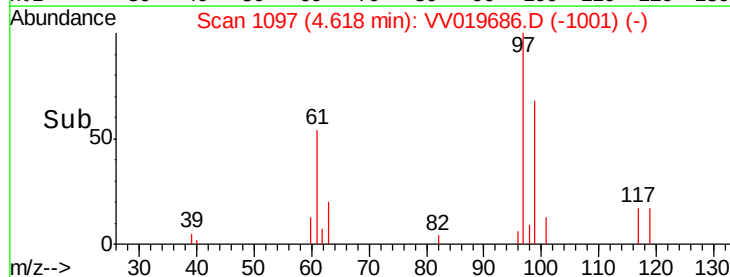
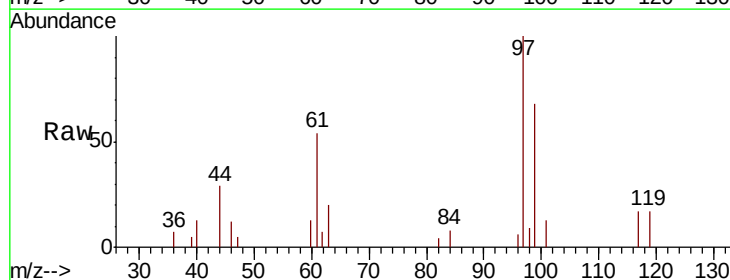
Tgt Ion: 97 Resp: 6414

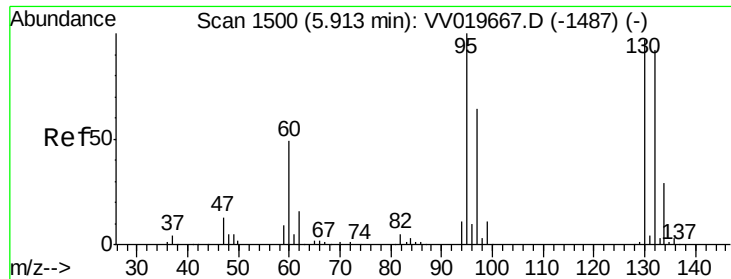
Ion Ratio Lower Upper

97 100

99 65.4 51.3 76.9

61 50.8 36.3 54.5





#34

Trichloroethene

Concen: 57.240 ug/L

RT: 5.92 min Scan# 1501

Delta R.T. 0.00 min

Lab File: VV019686.D

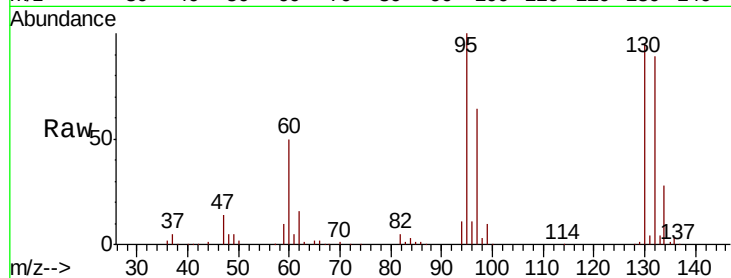
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Tot Ion: 95 Resp: 244085

Ion Ratio Lower Upper

95 100

97 63.5 44.4 82.4

132 89.0 64.3 119.3

130 94.8 67.8 125.8

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

