

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV060320\
 Data File : VV016464.D
 Acq On : 03 Jun 2020 18:10
 Operator : SY/MD
 Sample : L2843-07DL 40X
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AB1DL

Quant Time: Jun 04 03:48:05 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060320WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Jun 04 01:16:39 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	362737	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	347026	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	161590	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	109651	42.68	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	85.36%
7) Chloroethane-d5	1.58	69	85366	46.03	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	92.06%
11) 1,1-Dichloroethene-d2	2.12	63	154568	33.94	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	67.88%
21) 2-Butanone-d5	3.89	46	179299	109.14	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	109.14%
24) Chloroform-d	4.37	84	231474	48.01	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.02%
26) 1,2-Dichloroethane-d4	5.05	65	159501	49.40	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.80%
32) Benzene-d6	5.07	84	460829	49.57	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.14%
36) 1,2-Dichloropropane-d6	6.09	67	146270	50.50	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	101.00%
41) Toluene-d8	7.34	98	409536	48.51	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.02%
43) trans-1,3-Dichloropropene-	7.64	79	65661	46.52	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	93.04%
47) 2-Hexanone-d5	8.11	63	137260	110.65	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	110.65%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	193355	49.22	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	98.44%
64) 1,2-Dichlorobenzene-d4	11.65	152	162735	53.59	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	107.18%

Target Compounds

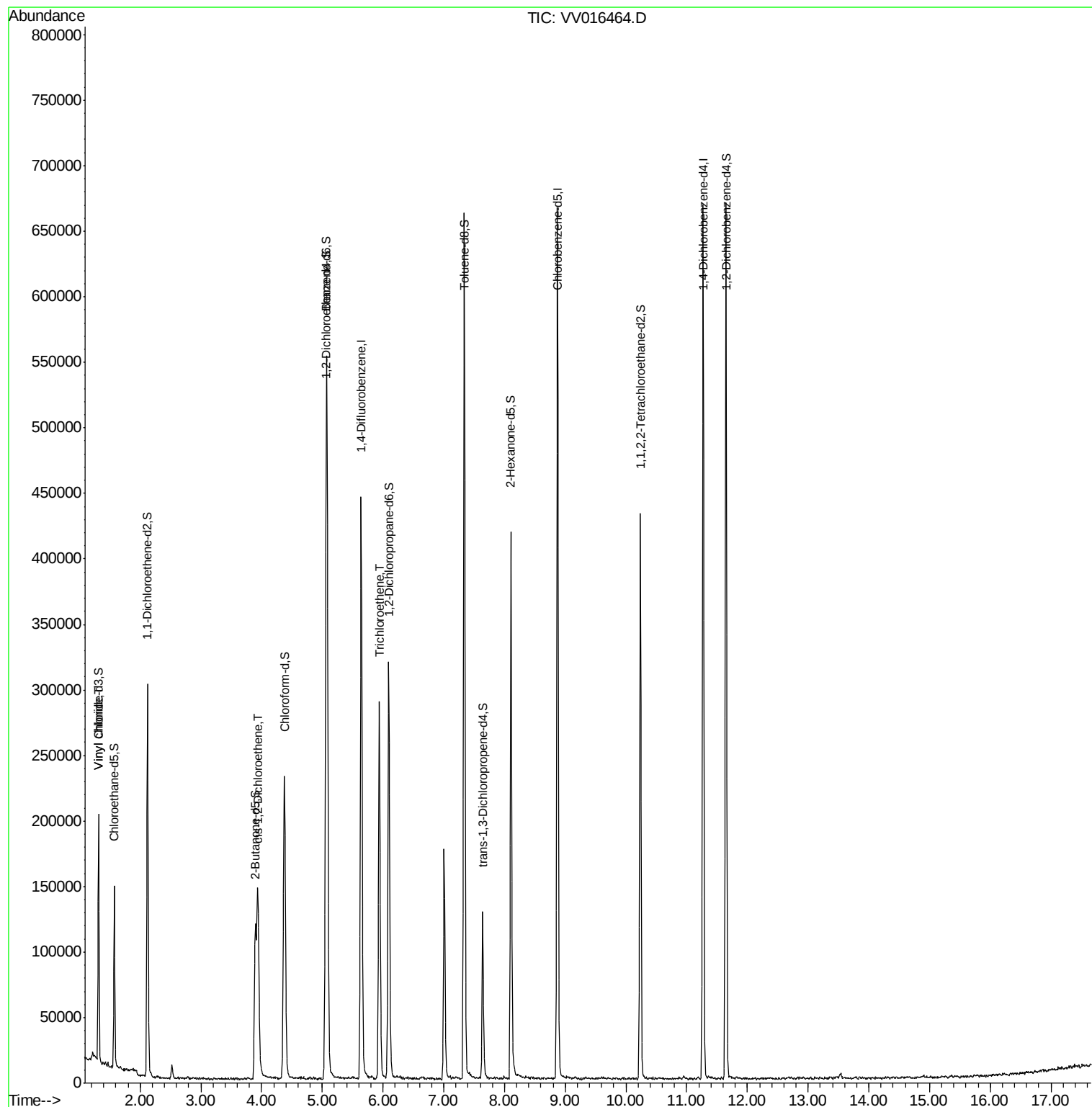
					Ovalue
5) Vinyl chloride	1.32	62	6024	2.162 ug/L #	61
20) cis-1,2-Dichloroethene	3.94	96	70409	25.676 ug/L	99
34) Trichloroethene	5.94	95	98749	36.874 ug/L	96

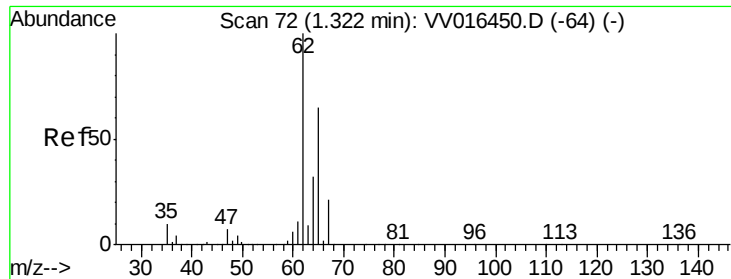
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 2.162 ug/L

RT: 1.32 min Scan# 71

Delta R.T. -0.00 min

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Instrument :

MSVOA_V

ClientSampleID :

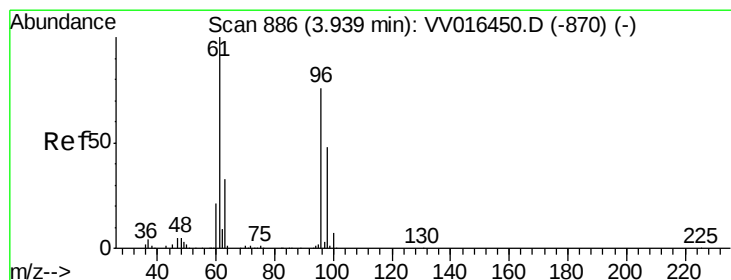
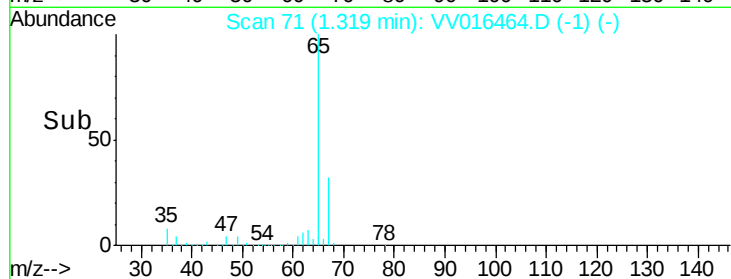
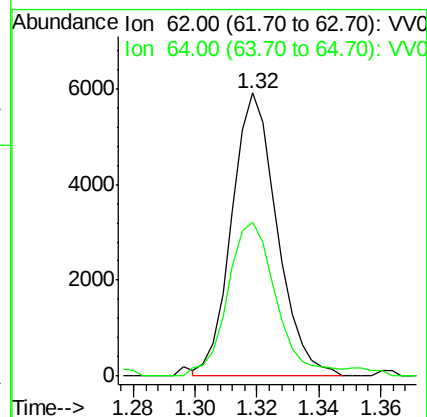
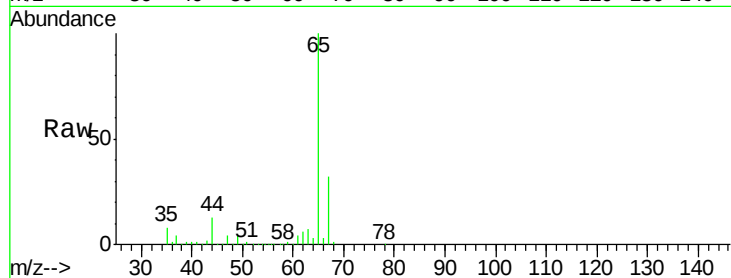
C0AB1DL

Tot Ion: 62 Resp: 6024

Ion Ratio Lower Upper

62 100

64 54.5 22.7 42.1#



#20

cis-1,2-Dichloroethene

Concen: 25.676 ug/L

RT: 3.94 min Scan# 886

Delta R.T. -0.00 min

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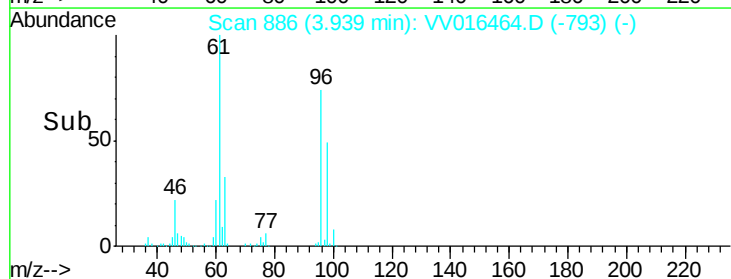
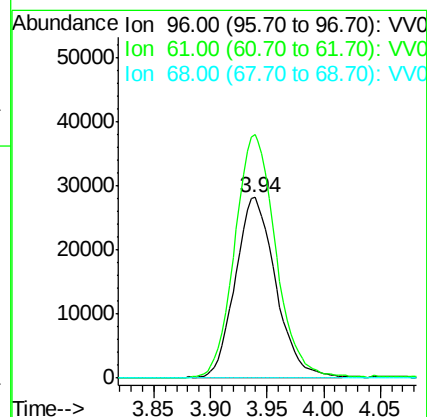
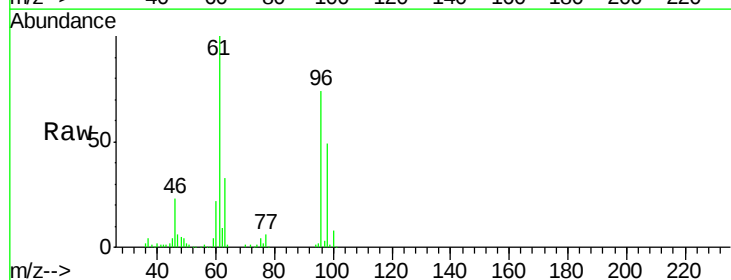
Tgt Ion: 96 Resp: 70409

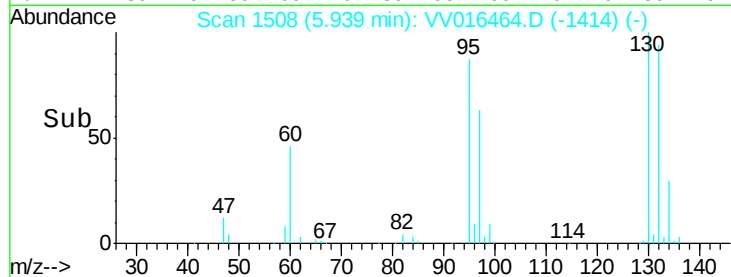
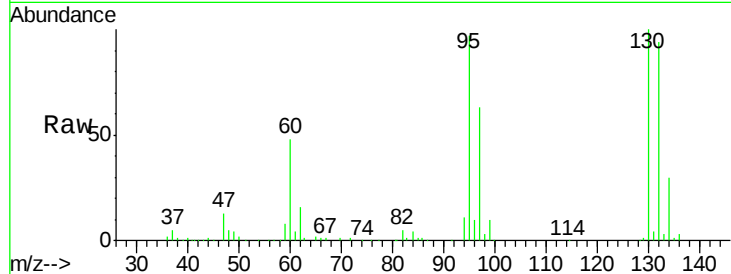
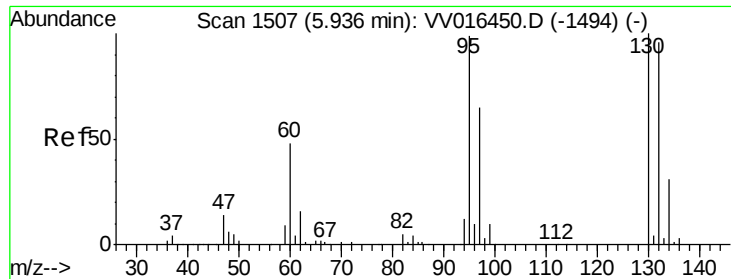
Ion Ratio Lower Upper

96 100

61 134.8 93.4 173.4

68 0.0 0.0 0.0





#34

Trichloroethene

Concen: 36.874 ug/L

RT: 5.94 min Scan# 1508

Delta R.T. 0.00 min

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Tot Ion: 95 Resp: 98749

Ion Ratio Lower Upper

95 100

97 64.5 42.8 79.6

132 96.5 65.6 121.8

130 102.7 69.0 128.1

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

