

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV102020\
 Data File : VV019009.D
 Acq On : 20 Oct 2020 13:13
 Operator : SY/MD
 Sample : L4430-07
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AB7

Quant Time: Oct 21 06:52:16 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM101420WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Oct 21 06:02:04 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	265213	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	266563	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	122116	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	77308	35.41	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	70.82%
7) Chloroethane-d5	1.58	69	78375	45.31	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	90.62%
11) 1,1-Dichloroethene-d2	2.12	63	132049	32.04	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	64.08%
21) 2-Butanone-d5	3.91	46	160480	105.46	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	105.46%
24) Chloroform-d	4.38	84	187924	47.91	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.82%
26) 1,2-Dichloroethane-d4	5.06	65	132829	51.02	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.04%
32) Benzene-d6	5.08	84	362289	46.56	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.12%
36) 1,2-Dichloropropane-d6	6.09	67	126343	50.78	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	101.56%
41) Toluene-d8	7.34	98	308056	44.13	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.26%
43) trans-1,3-Dichloropropene-	7.64	79	53425	43.93	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	87.86%
47) 2-Hexanone-d5	8.11	63	82070	88.79	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	88.79%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	146193	50.14	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	100.28%
64) 1,2-Dichlorobenzene-d4	11.65	152	133657	53.80	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	107.60%

Target Compounds

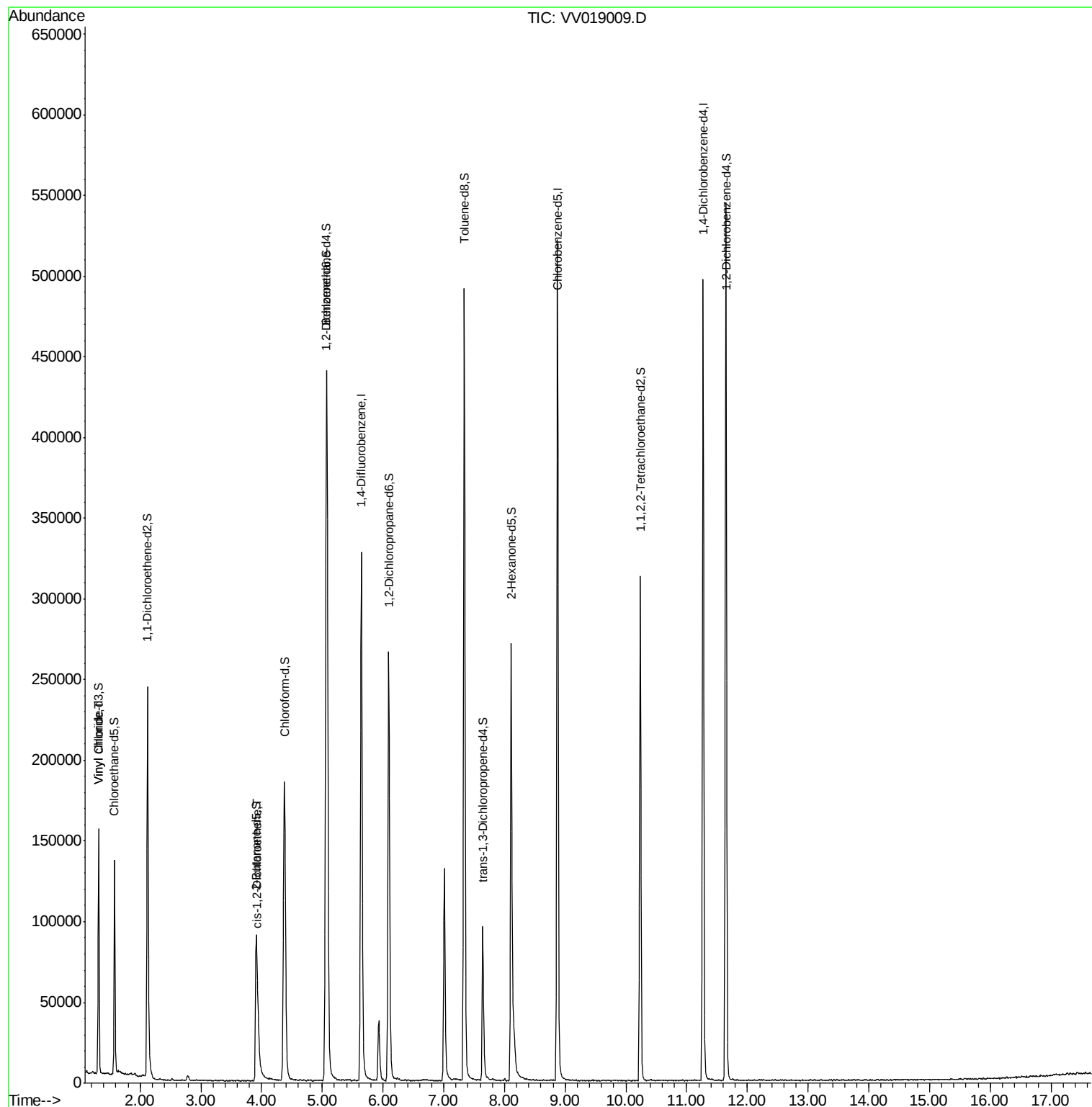
					Ovalue
5) Vinyl chloride	1.32	62	18084	7.224 ug/L	89
20) cis-1,2-Dichloroethene	3.94	96	4872	2.375 ug/L	89

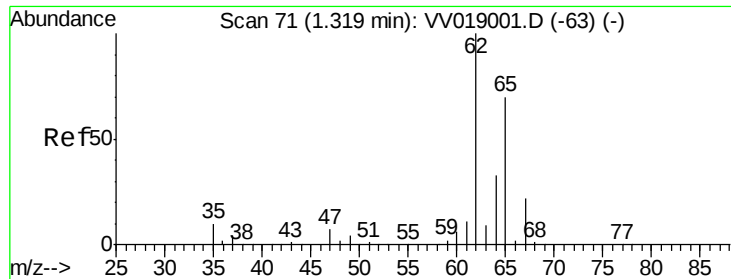
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 7.224 ug/L

RT: 1.32 min Scan# 71

Delta R.T. -0.00 min

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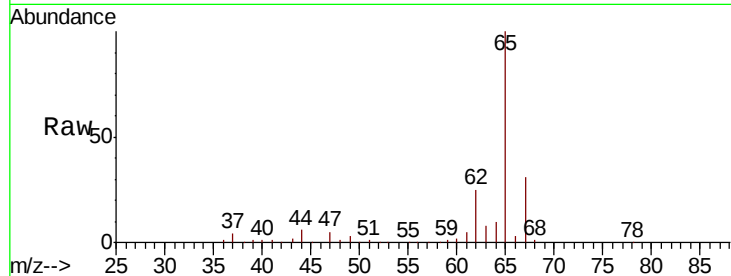
C0AB7

Tot Ion: 62 Resp: 18084

Ion Ratio Lower Upper

62 100

64 39.4 23.2 43.2



Abundance Ion 62.00 (61.70 to 62.70): VV0

Ion 64.00 (63.70 to 64.70): VV0

1.32

15000

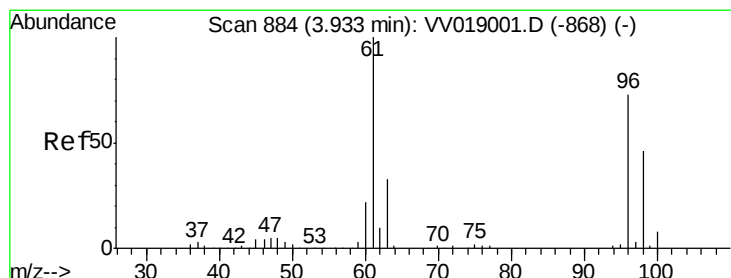
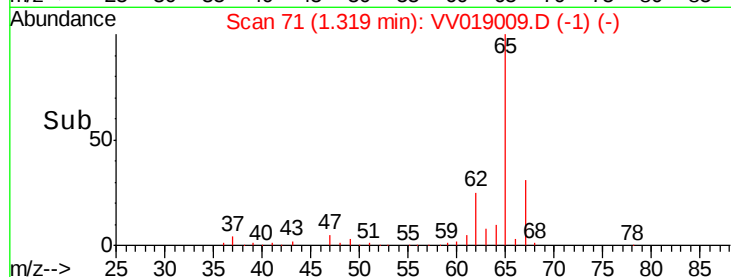
10000

5000

0

1.30 1.35

Time-->



#20

cis-1,2-Dichloroethene

Concen: 2.375 ug/L

RT: 3.94 min Scan# 886

Delta R.T. 0.01 min

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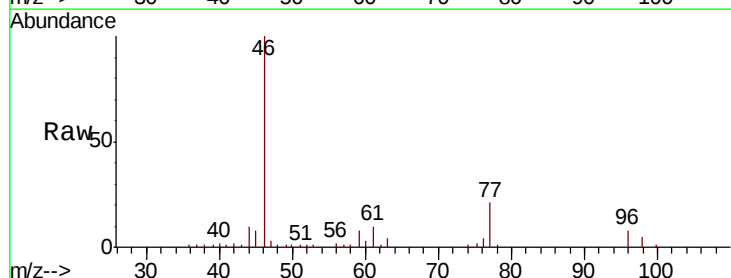
Tgt Ion: 96 Resp: 4872

Ion Ratio Lower Upper

96 100

61 124.7 96.1 178.5

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

3000

2000

1000

0

3.90 3.95 4.00

Time-->

