

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV061820\
 Data File : VV016983.D
 Acq On : 18 Jun 2020 17:28
 Operator : SY/MD
 Sample : L3039-02DL 10X
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F9M01DL

Quant Time: Jun 19 06:56:40 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060820WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jun 19 04:33:43 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	351161	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	324685	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	157407	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	84846	34.24	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	68.48%
7) Chloroethane-d5	1.58	69	61493	41.36	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	82.72%
11) 1,1-Dichloroethene-d2	2.12	63	134954	32.43	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	64.86%
21) 2-Butanone-d5	3.91	46	165601	90.30	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	90.30%
24) Chloroform-d	4.38	84	223867	44.43	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.86%
26) 1,2-Dichloroethane-d4	5.06	65	159508	46.54	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.08%
32) Benzene-d6	5.08	84	430424	45.99	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.98%
36) 1,2-Dichloropropane-d6	6.09	67	132867	45.54	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	91.08%
41) Toluene-d8	7.34	98	387735	45.14	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.28%
43) trans-1,3-Dichloropropene-	7.64	79	66652	43.86	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	87.72%
47) 2-Hexanone-d5	8.11	63	95748	75.28	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	75.28%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	166300	43.06	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	86.12%
64) 1,2-Dichlorobenzene-d4	11.65	152	164075	48.84	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.68%

Target Compounds

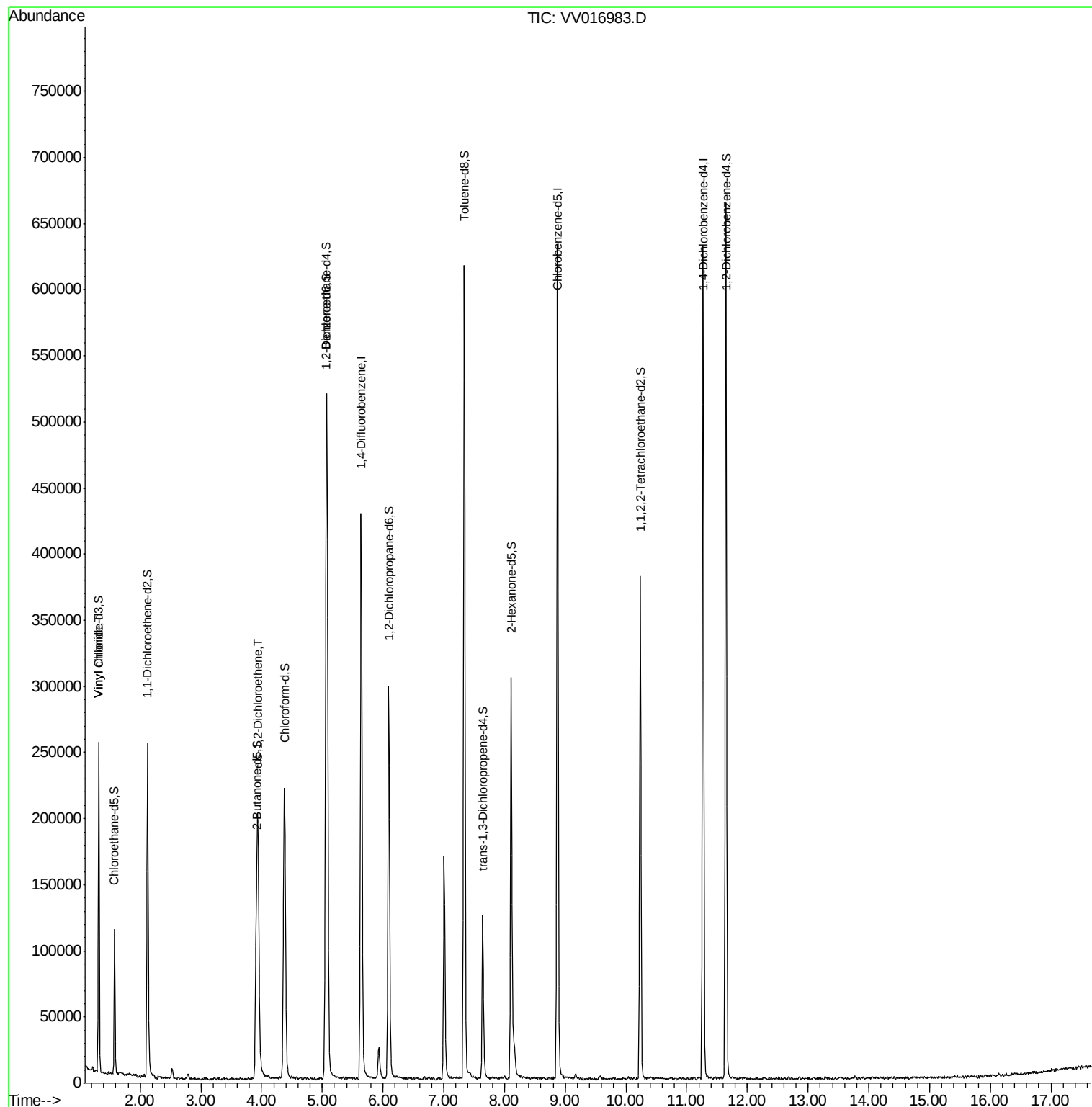
					Ovalue
5) Vinyl chloride	1.32	62	74687	29.831	ug/L 99
20) cis-1,2-Dichloroethene	3.94	96	88634	34.212	ug/L 98

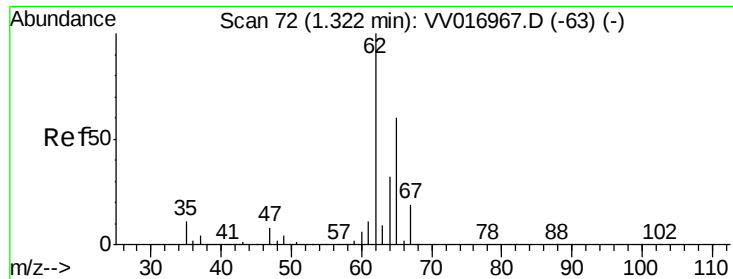
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 29.831 ug/L

RT: 1.32 min Scan# 72

Delta R.T. 0.00 min

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Instrument :

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ClientSampleId :

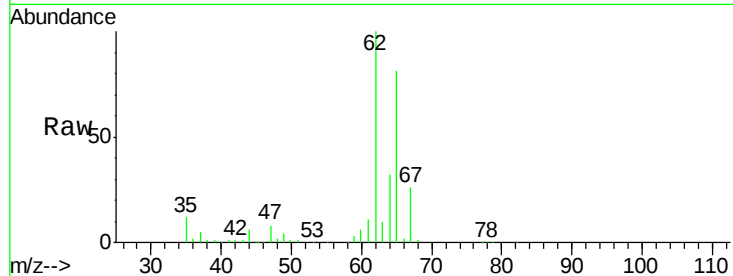
F9M01DL

Tot Ion: 62 Resp: 74687

Ion Ratio Lower Upper

62 100

64 32.3 22.3 41.5



Abundance Ion 62.00 (61.70 to 62.70): VV0

Ion 64.00 (63.70 to 64.70): VV0

80000

60000

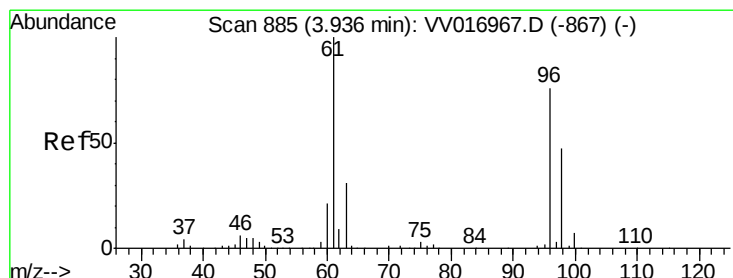
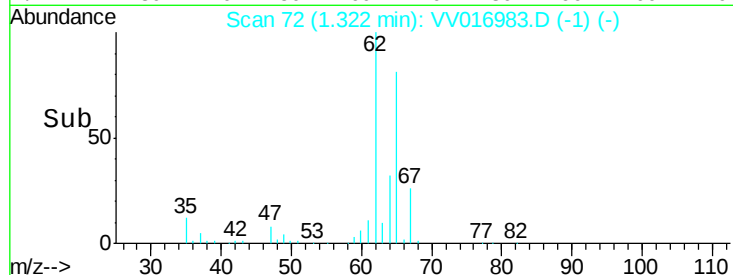
40000

20000

0

1.30 1.32 1.34 1.36 1.38 1.40

Time-->



#20

cis-1,2-Dichloroethene

Concen: 34.212 ug/L

RT: 3.94 min Scan# 886

Delta R.T. 0.00 min

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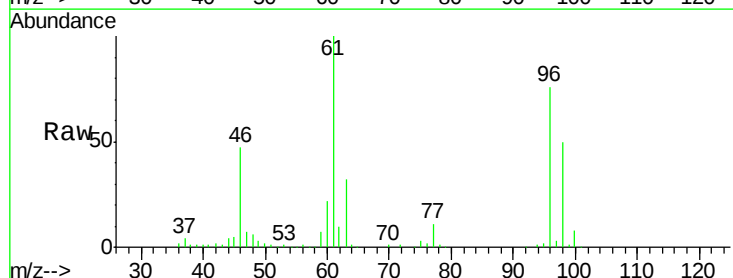
Tgt Ion: 96 Resp: 88634

Ion Ratio Lower Upper

96 100

61 131.6 93.4 173.4

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

60000

50000

40000

30000

20000

10000

0

3.90 3.94 4.00

Time-->

