

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU081720\
 Data File : VU039879.D
 Acq On : 17 Aug 2020 11:51
 Operator : SY/MD
 Sample : L3517-01DL 20X
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F4L31DL

Quant Time: Aug 18 04:36:31 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR080320WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Aug 18 04:18:42 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	84629	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	83805	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	41798	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	15819	3.46	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	69.20%
7) Chloroethane-d5	1.92	69	17903	3.62	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	72.40%
11) 1,1-Dichloroethene-d2	2.58	63	26884	2.92	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	58.40%#
20) 2-Butanone-d5	4.66	46	92496	46.02	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	92.04%
24) Chloroform-d	5.08	84	44100	3.86	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	77.20%
26) 1,2-Dichloroethane-d4	5.72	65	27562	4.05	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	81.00%
32) Benzene-d6	5.74	84	77001	3.86	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	77.20%
36) 1,2-Dichloropropane-d6	6.70	67	27300	4.00	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	80.00%
41) Toluene-d8	7.90	98	62156	3.51	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	70.20%
43) trans-1,3-Dichloropropene-	8.19	79	10827	4.13	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	82.60%
46) 2-Hexanone-d5	8.64	63	68445	48.31	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	96.62%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	27800	4.19	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	83.80%
64) 1,2-Dichlorobenzene-d4	12.19	152	31616	4.42	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	88.40%

Target Compounds

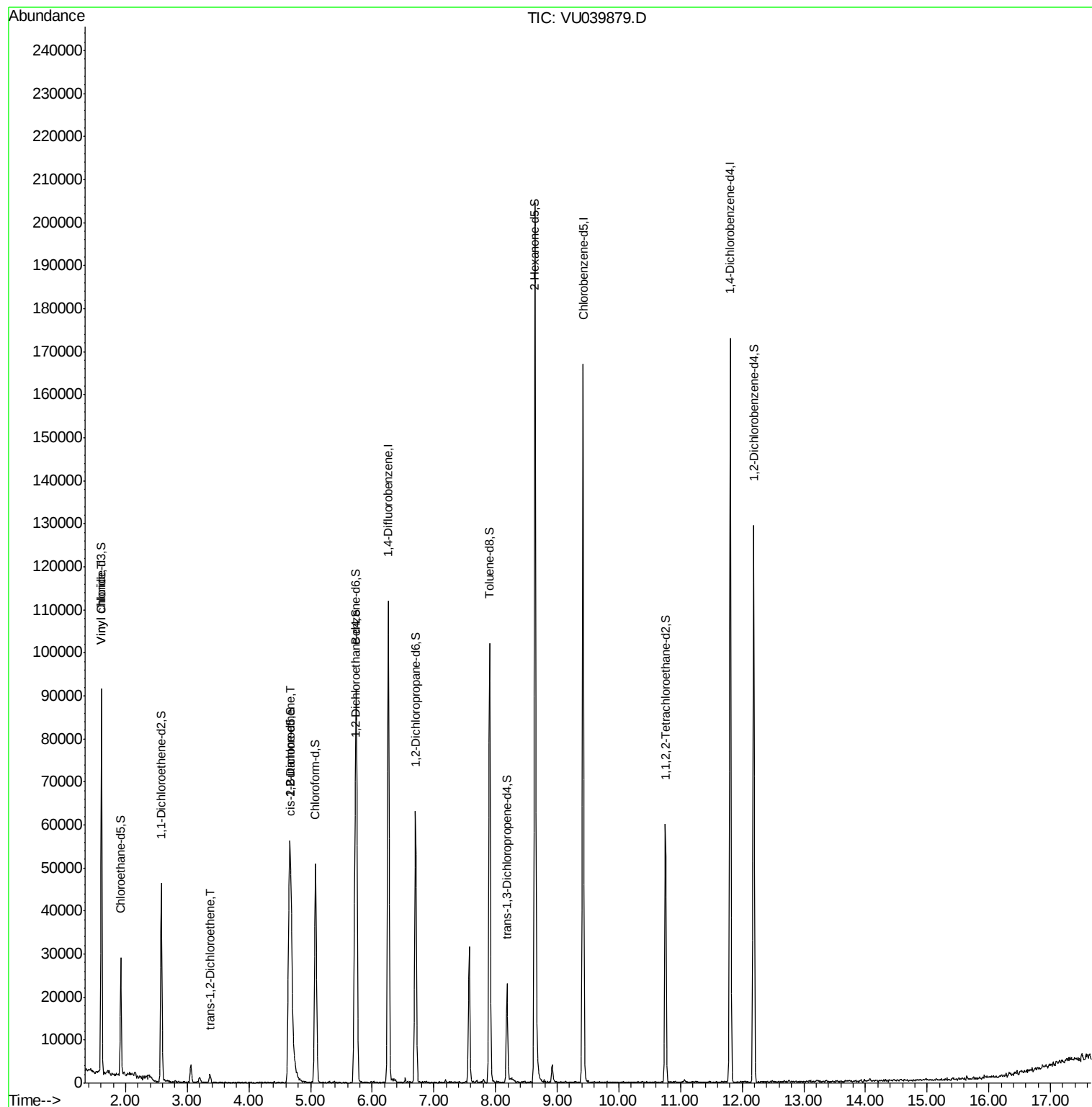
					Ovalue
5) Vinyl chloride	1.61	62	42509	6.178 ug/L	95
18) trans-1,2-Dichloroethene	3.37	96	804	0.143 ug/L	82
22) cis-1,2-Dichloroethene	4.68	96	6014	0.984 ug/L	82

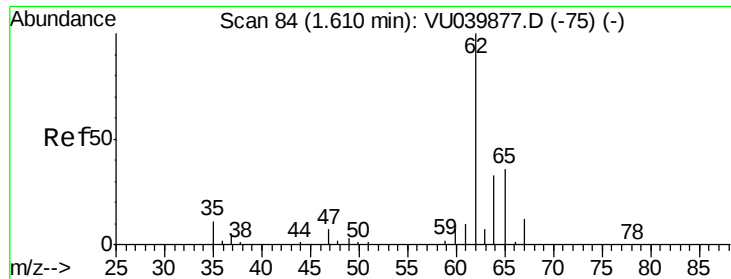
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 6.178 ug/L

RT: 1.61 min Scan# 84

Delta R.T. -0.00 min

Lab File: VU039879.D

Acq: 17 Aug 2020 11:51

Instrument :

MSVOA_U

ClientSampled :

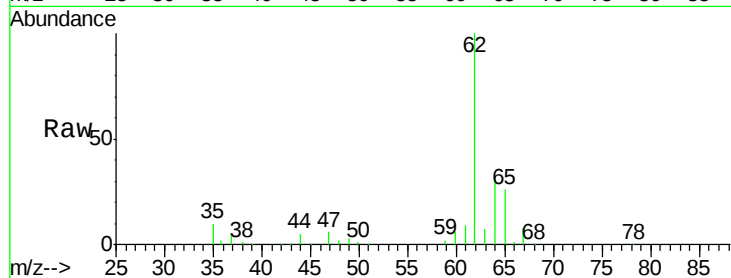
F4L31DL

Tot Ion: 62 Resp: 42509

Ion Ratio Lower Upper

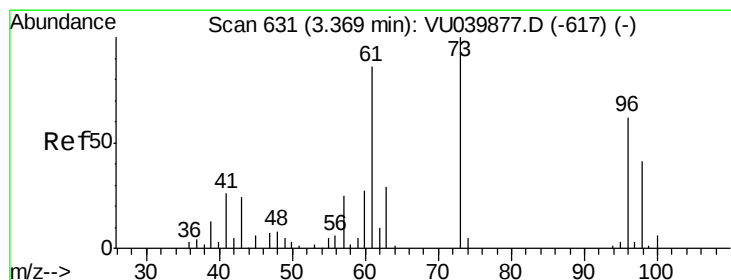
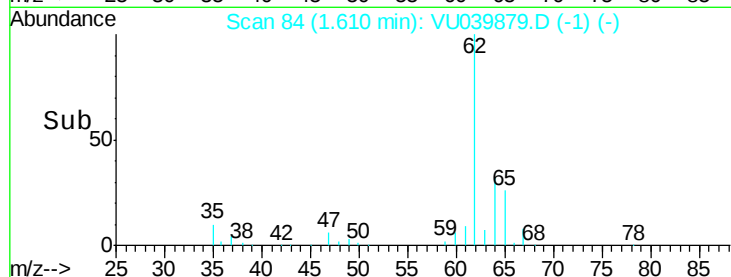
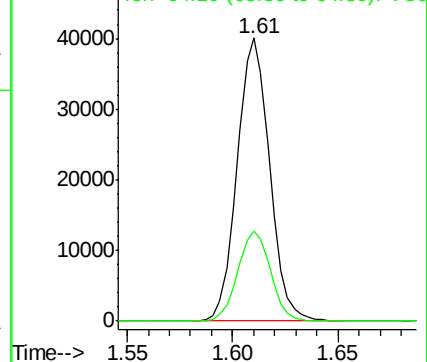
62 100

64 31.8 24.1 44.7



Abundance Ion 62.00 (61.70 to 62.70): VU0

Ion 64.10 (63.80 to 64.80): VU0



#18

trans-1,2-Dichloroethene

Concen: 0.143 ug/L

RT: 3.37 min Scan# 631

Delta R.T. -0.00 min

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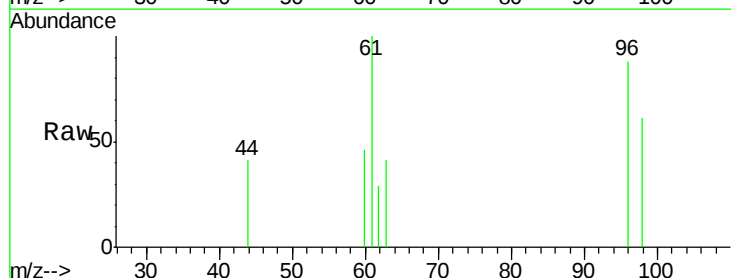
Tgt Ion: 96 Resp: 804

Ion Ratio Lower Upper

96 100

61 113.9 96.5 179.1

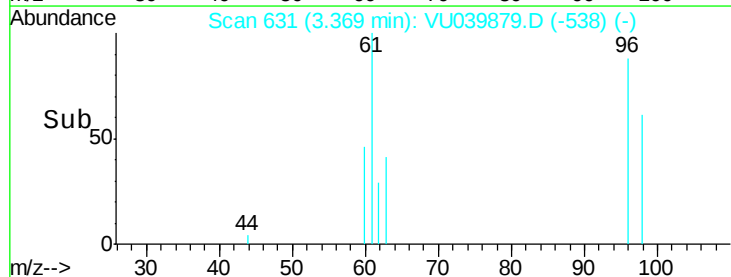
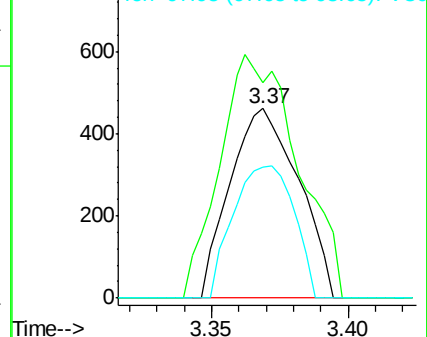
98 69.4 40.9 76.0

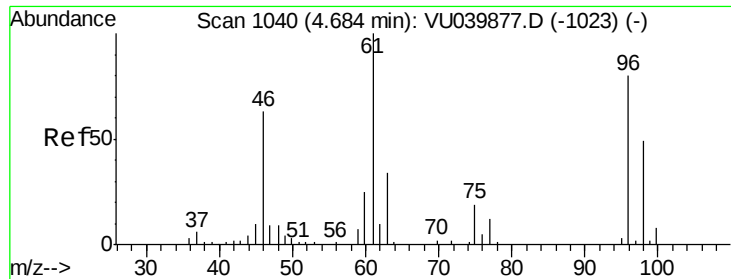


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.05 (60.75 to 61.75): VU0

Ion 97.95 (97.65 to 98.65): VU0





#22
 cis-1,2-Dichloroethene
 Concen: 0.984 ug/L
 RT: 4.68 min Scan# 1040
 Delta R.T. -0.00 min
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Tot Ion: 96 Resp: 6014
 Ion Ratio Lower Upper
 96 100
 61 145.8 87.4 162.2
 68 0.0 0.0 0.0

