

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU081720\
 Data File : VU039888.D
 Acq On : 17 Aug 2020 15:27
 Operator : SY/MD
 Sample : L3517-18
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F4M04

Quant Time: Aug 18 05:18:18 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	73075	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	73418	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	35099	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	17911	4.54	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	90.80%
7) Chloroethane-d5	1.92	69	20307	4.76	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	95.20%
11) 1,1-Dichloroethene-d2	2.58	63	25961	3.27	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	65.40%
20) 2-Butanone-d5	4.65	46	94934	54.70	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	109.40%
24) Chloroform-d	5.08	84	46266	4.69	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.80%
26) 1,2-Dichloroethane-d4	5.72	65	27937	4.76	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.20%
32) Benzene-d6	5.74	84	82201	4.71	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.20%
36) 1,2-Dichloropropane-d6	6.70	67	29776	4.98	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.60%
41) Toluene-d8	7.91	98	65723	4.24	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.80%
43) trans-1,3-Dichloropropene-	8.19	79	10756	4.69	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	93.80%
46) 2-Hexanone-d5	8.64	63	67673	54.53	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	109.06%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	28341	4.87	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.40%
64) 1,2-Dichlorobenzene-d4	12.19	152	30225	5.03	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.60%

Target Compounds

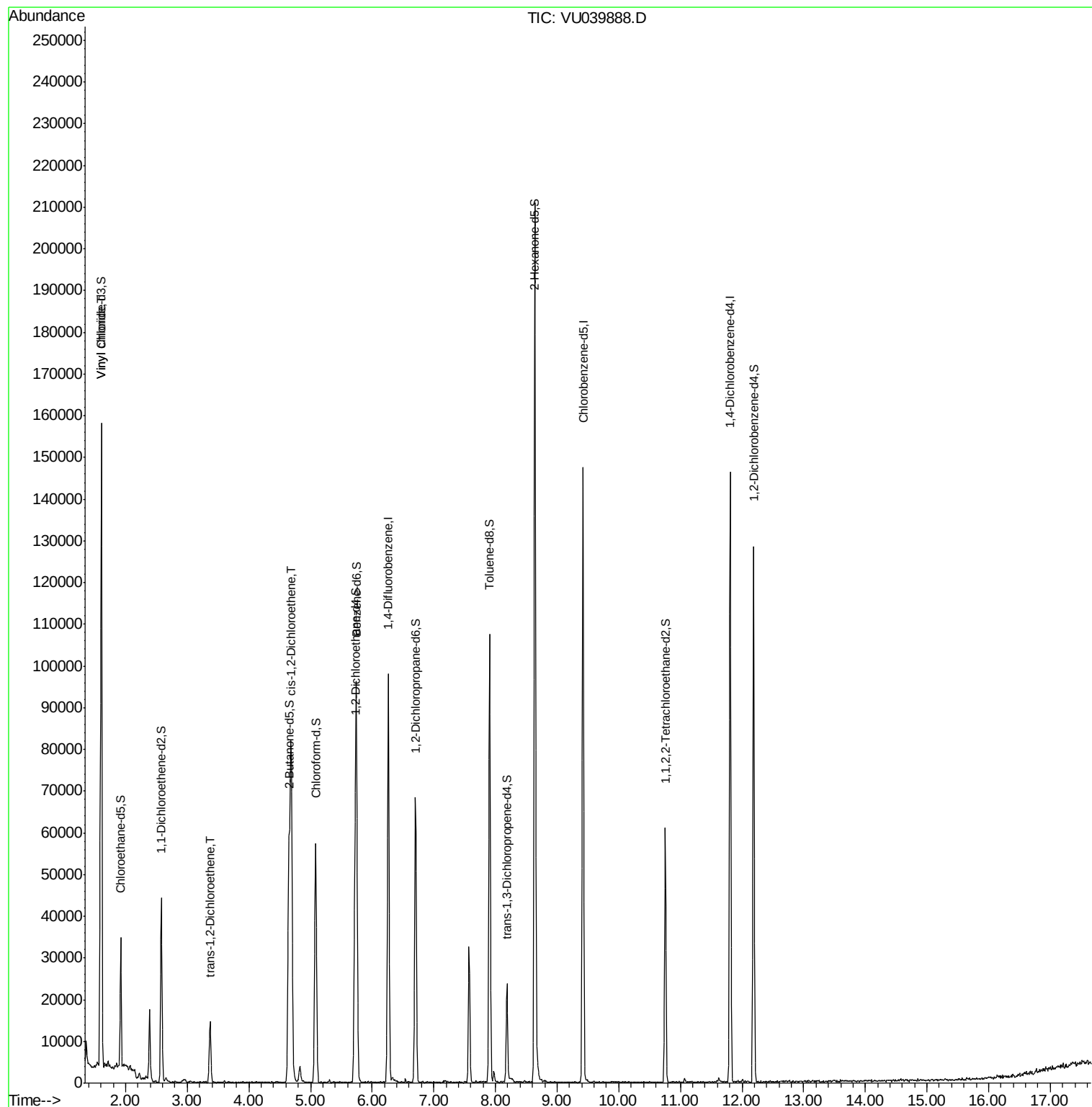
					Ovalue
5) Vinyl chloride	1.61	62	79236	13.336 ug/L	94
18) trans-1,2-Dichloroethene	3.37	96	5967	1.230 ug/L	98
22) cis-1,2-Dichloroethene	4.69	96	35238	6.676 ug/L	97

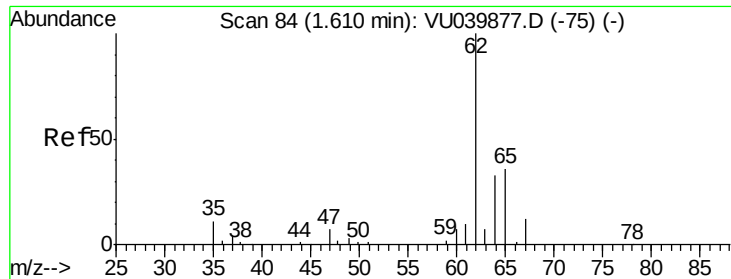
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 13.336 ug/L

RT: 1.61 min Scan# 84

Delta R.T. -0.00 min

Lab File: VU039888.D

Acq: 17 Aug 2020 15:27

Instrument :

MSVOA_U

ClientSampleId :

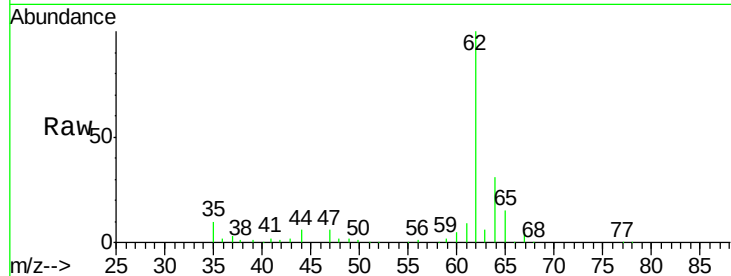
F4M04

Tot Ion: 62 Resp: 79236

Ion Ratio Lower Upper

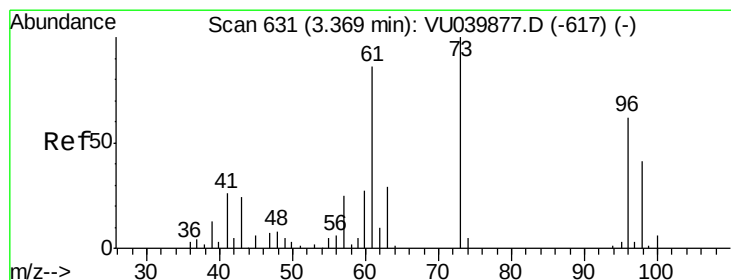
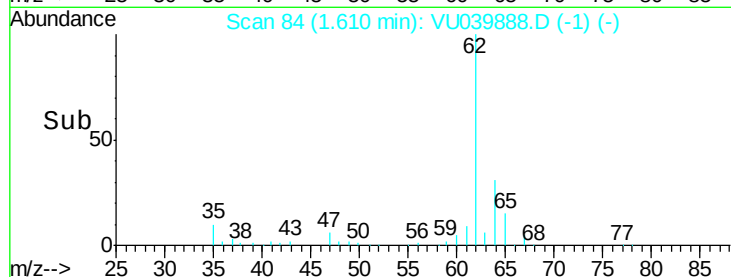
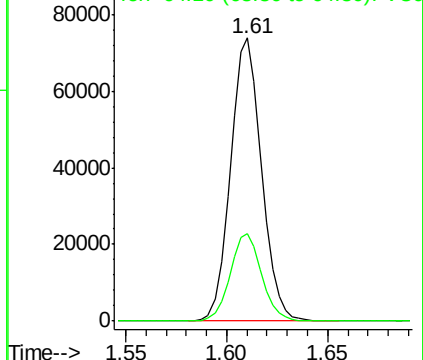
62 100

64 31.1 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: 1.230 ug/L

RT: 3.37 min Scan# 632

Delta R.T. 0.00 min

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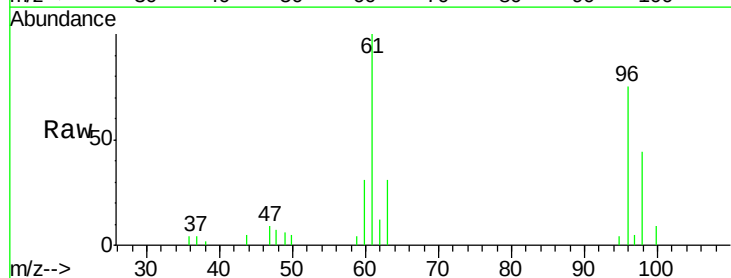
Tgt Ion: 96 Resp: 5967

Ion Ratio Lower Upper

96 100

61 133.9 96.5 179.1

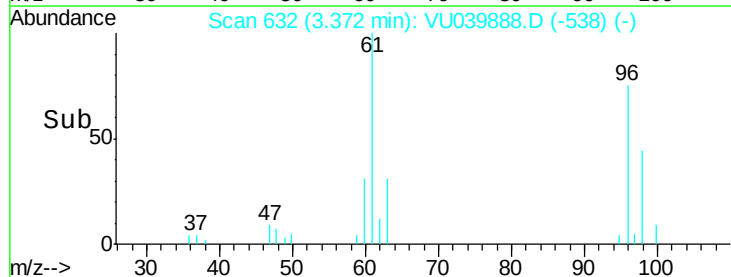
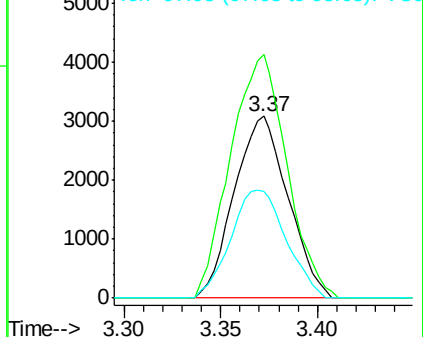
98 58.7 40.9 76.0

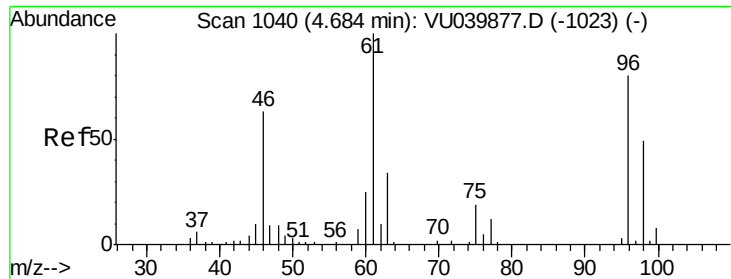


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.05 (60.75 to 61.75): VU0

Ion 97.95 (97.65 to 98.65): VU0

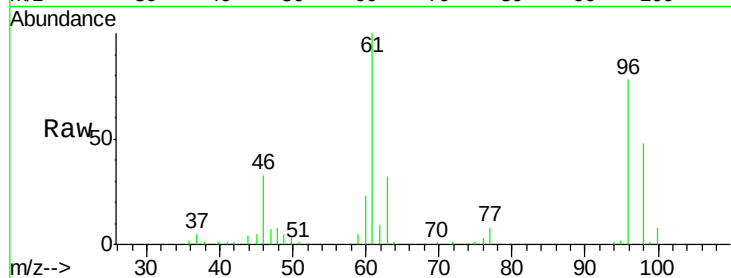




#22
 cis-1,2-Dichloroethene
 Concen: 6.676 ug/L
 RT: 4.69 min Scan# 1041
 Delta R.T. 0.00 min
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Tot Ion: 96 Resp: 35238
 Ion Ratio Lower Upper
 96 100
 61 128.1 87.4 162.2
 68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VU0
 Ion 61.05 (60.75 to 61.75): VU0
 Ion 68.15 (67.85 to 68.85): VU0

