

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU081720\
 Data File : VU039880.D
 Acq On : 17 Aug 2020 12:15
 Operator : SY/MD
 Sample : L3517-02DL 20X
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F4L32DL

Quant Time: Aug 18 04:42:57 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	75211	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	74739	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	37647	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	17945	4.42	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	88.40%
7) Chloroethane-d5	1.92	69	19657	4.48	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	89.60%
11) 1,1-Dichloroethene-d2	2.58	63	29055	3.55	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	71.00%
20) 2-Butanone-d5	4.66	46	106619	59.69	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	119.38%
24) Chloroform-d	5.08	84	47838	4.72	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.40%
26) 1,2-Dichloroethane-d4	5.72	65	30034	4.97	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.40%
32) Benzene-d6	5.75	84	85892	4.83	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.60%
36) 1,2-Dichloropropane-d6	6.70	67	30588	5.02	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.40%
41) Toluene-d8	7.91	98	69331	4.39	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.80%
43) trans-1,3-Dichloropropene-	8.19	79	12051	5.16	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	103.20%
46) 2-Hexanone-d5	8.64	63	75898	60.07	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	120.14%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	30396	5.14	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	102.80%
64) 1,2-Dichlorobenzene-d4	12.19	152	32736	5.08	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.60%

Target Compounds

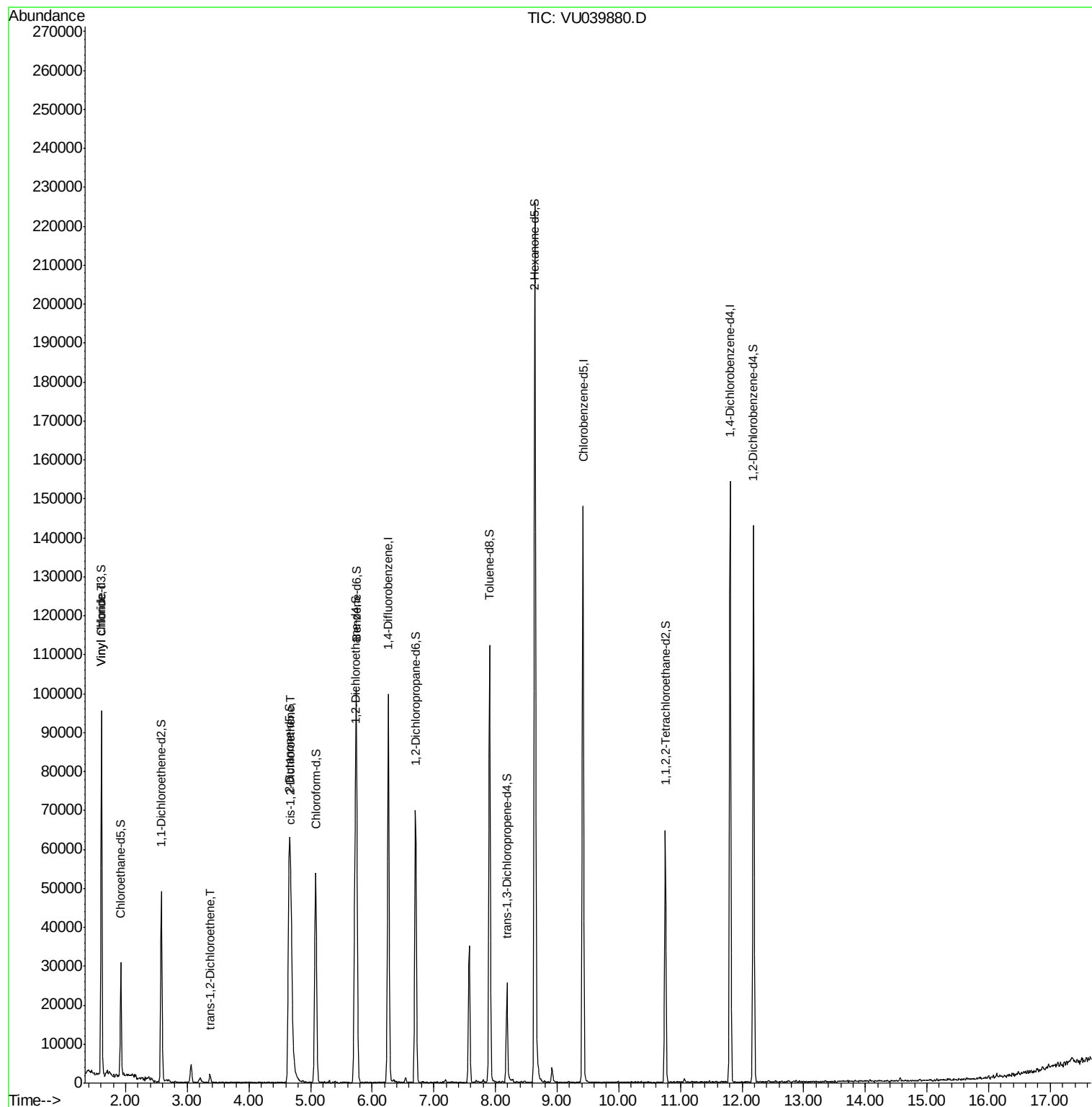
					Ovalue
5) Vinyl chloride	1.61	62	46575	7.616 ug/L	99
18) trans-1,2-Dichloroethene	3.36	96	795	0.159 ug/L	89
22) cis-1,2-Dichloroethene	4.69	96	6433	1.184 ug/L	96

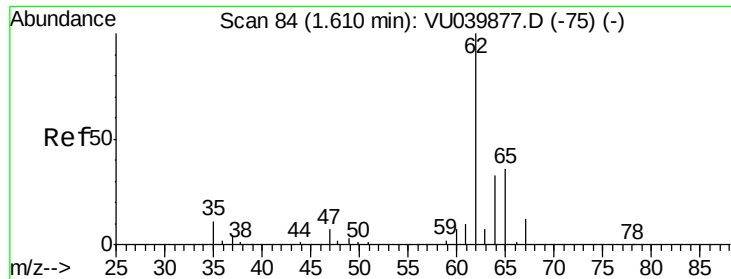
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 7.616 ug/L

RT: 1.61 min Scan# 84

Delta R.T. -0.00 min

Lab File: VU039880.D

Acq: 17 Aug 2020 12:15

Instrument :

MSVOA_U

ClientSampleId :

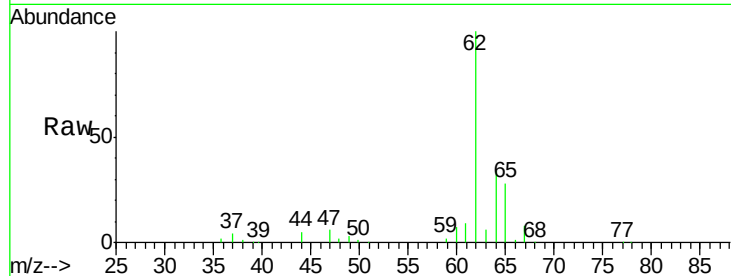
F4L32DL

Tot Ion: 62 Resp: 46575

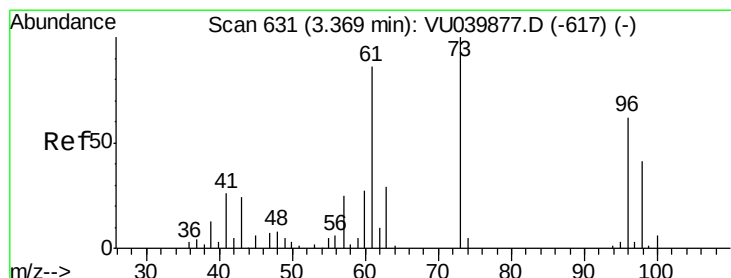
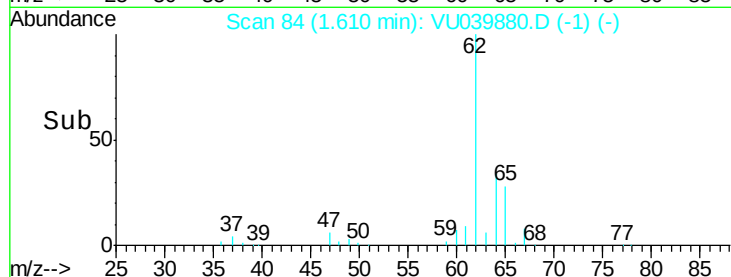
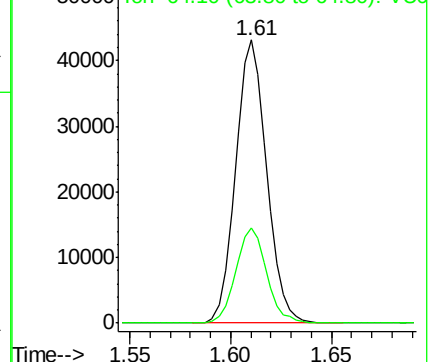
Ion Ratio Lower Upper

62 100

64 33.6 24.1 44.7



Abundance Ion 62.00 (61.70 to 62.70): VU039880.D (-1) (-)



#18

trans-1,2-Dichloroethene

Concen: 0.159 ug/L

RT: 3.36 min Scan# 628

Delta R.T. -0.01 min

Lab File: VU039880.D

Acq: 17 Aug 2020 12:15

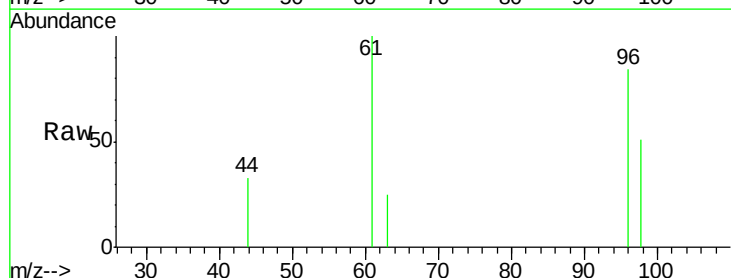
Tgt Ion: 96 Resp: 795

Ion Ratio Lower Upper

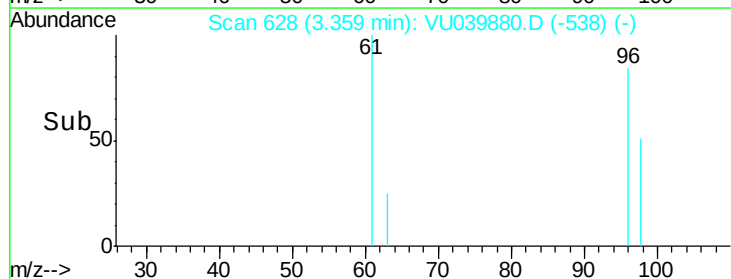
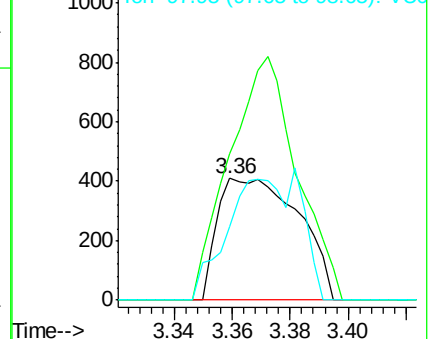
96 100

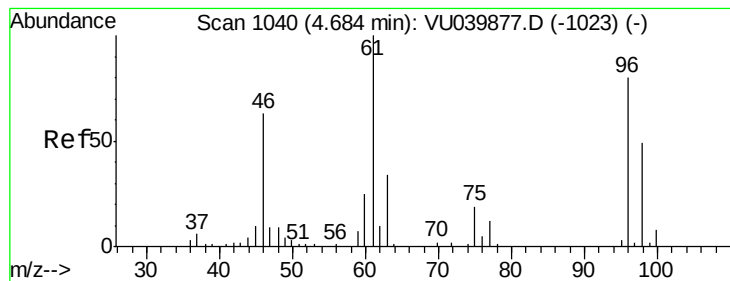
61 119.8 96.5 179.1

98 60.5 40.9 76.0



Abundance Ion 96.00 (95.70 to 96.70): VU039880.D (-538) (-)





#22

cis-1,2-Dichloroethene

Concen: 1.184 ug/L

RT: 4.69 min Scan# 1041

Delta R.T. 0.00 min

Lab File: VU039880.D

Acq: 17 Aug 2020 12:15

Instrument :

MSVOA_U

ClientSampleId :

F4L32DL

Tot Ion: 96 Resp: 6433

Ion Ratio Lower Upper

96 100

61 129.7 87.4 162.2

68 0.0 0.0 0.0

