

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU081720\
 Data File : VU039883.D
 Acq On : 17 Aug 2020 13:27
 Operator : SY/MD
 Sample : L3517-11
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F4M12DL 4X

Quant Time: Aug 18 04:55:30 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	89662	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	88068	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	42675	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	16988	3.51	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	70.20%
7) Chloroethane-d5	1.92	69	19745	3.77	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	75.40%
11) 1,1-Dichloroethene-d2	2.58	63	25200	2.58	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	51.60%#
20) 2-Butanone-d5	4.65	46	99811	46.87	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	93.74%
24) Chloroform-d	5.08	84	46782	3.87	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	77.40%
26) 1,2-Dichloroethane-d4	5.72	65	28999	4.03	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	80.60%
32) Benzene-d6	5.75	84	83478	3.99	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	79.80%
36) 1,2-Dichloropropane-d6	6.70	67	30024	4.18	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	83.60%
41) Toluene-d8	7.91	98	66632	3.58	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	71.60%
43) trans-1,3-Dichloropropene-	8.19	79	11180	4.06	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	81.20%
46) 2-Hexanone-d5	8.64	63	71209	47.83	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	95.66%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	27828	3.99	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	79.80%
64) 1,2-Dichlorobenzene-d4	12.19	152	32607	4.46	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	89.20%

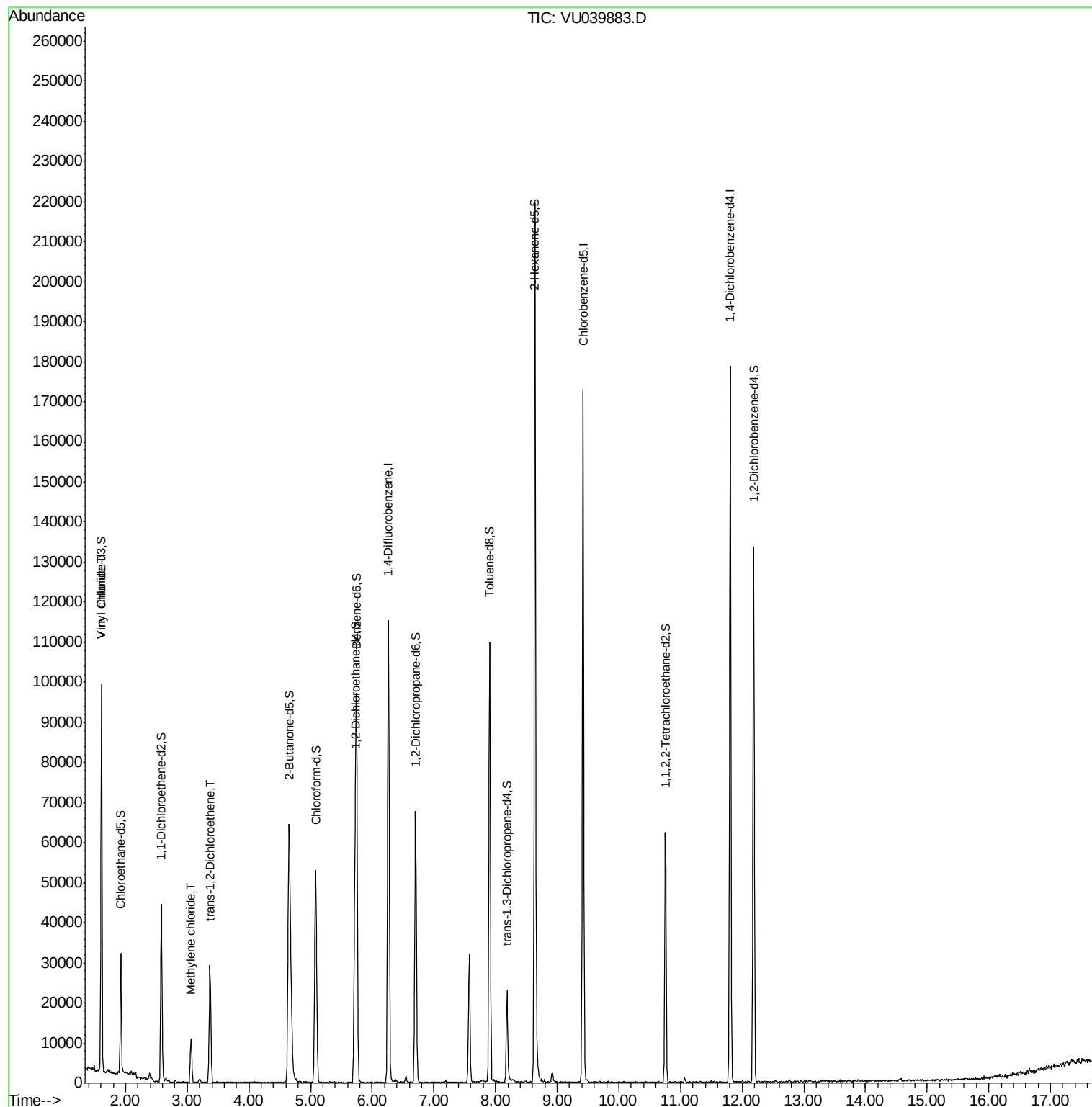
Target Compounds					Ovalue
5) Vinyl chloride	1.61	62	49636	6.809 ug/L	96
16) Methylene chloride	3.06	84	4831	0.560 ug/L	90
18) trans-1,2-Dichloroethene	3.37	96	12009	2.017 ug/L	95

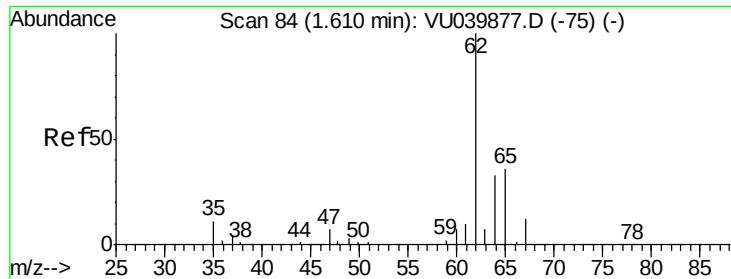
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 6.809 ug/L

RT: 1.61 min Scan# 84

Delta R.T. 0.00 min

Lab File: VU039883.D

Acq: 17 Aug 2020 13:27

Instrument :

MSVOA_U

ClientSampleId :

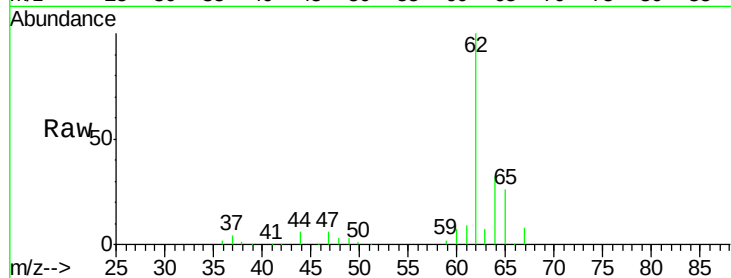
F4M12DL 4X

Tot Ion: 62 Resp: 49636

Ion Ratio Lower Upper

62 100

64 32.1 24.1 44.7



Abundance Ion 62.00 (61.70 to 62.70): VU0

Ion 64.10 (63.80 to 64.80): VU0

1.61

50000

40000

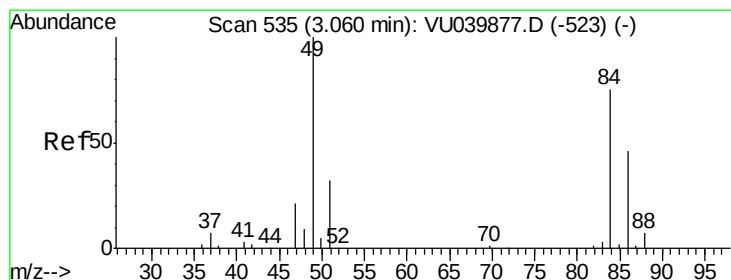
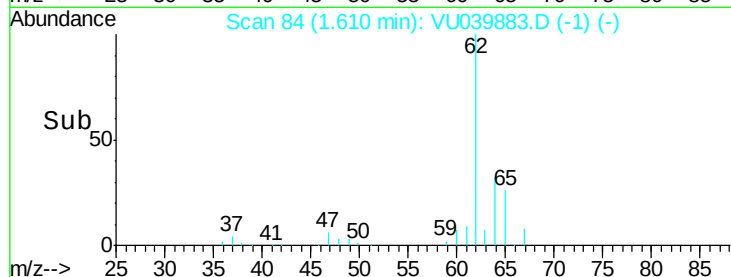
30000

20000

10000

0

Time--> 1.55 1.60 1.65



#16

Methylene chloride

Concen: 0.560 ug/L

RT: 3.06 min Scan# 535

Delta R.T. 0.00 min

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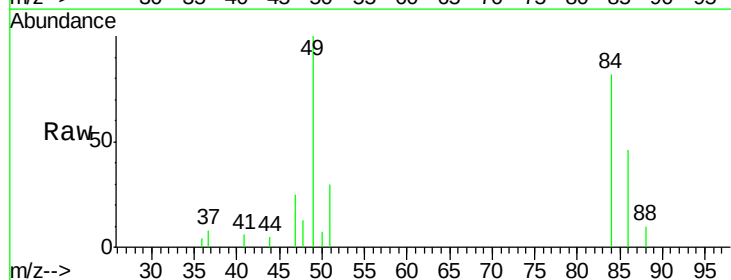
Tgt Ion: 84 Resp: 4831

Ion Ratio Lower Upper

84 100

86 56.3 43.9 81.5

49 121.5 94.4 175.4



Abundance Ion 84.05 (83.75 to 84.75): VU0

Ion 86.00 (85.70 to 86.70): VU0

Ion 49.10 (48.80 to 49.80): VU0

3.06

4000

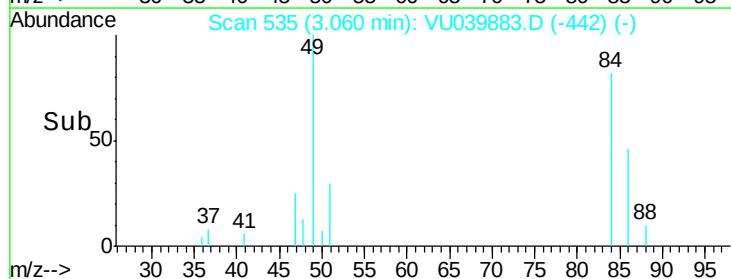
3000

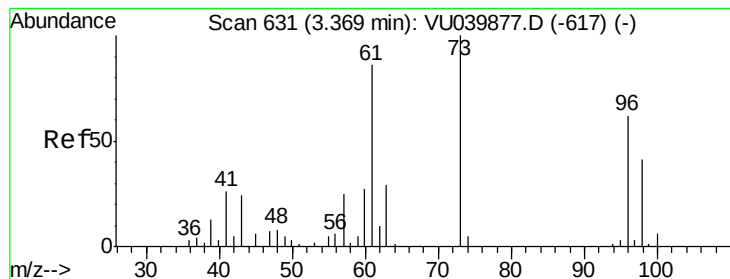
2000

1000

0

Time--> 3.00 3.05 3.10





#18
 trans-1,2-Dichloroethene
 Concen: 2.017 ug/L
 RT: 3.37 min Scan# 631
 Delta R.T. 0.00 min
 Lab File: VU039883.D
 Acq: 17 Aug 2020 13:27

Instrument :
 MSVOA_U
 ClientSampleId :
 F4M12DL 4X

Tot Ion: 96 Resp: 12009
 Ion Ratio Lower Upper
 96 100
 61 130.4 96.5 179.1
 98 57.8 40.9 76.0

