

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU080620\
 Data File : VU039753.D
 Acq On : 06 Aug 2020 14:01
 Operator : SY/MD
 Sample : L3572-11
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F4L10

Quant Time: Aug 07 04:18:42 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR080320WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Aug 07 03:23:19 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	79819	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	75901	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	33838	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	20349	4.72	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	94.40%
7) Chloroethane-d5	1.92	69	21573	4.63	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	92.60%
11) 1,1-Dichloroethene-d2	2.58	63	30179	3.48	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	69.60%
20) 2-Butanone-d5	4.65	46	74854	39.49	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	78.98%
24) Chloroform-d	5.08	84	48003	4.46	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.20%
26) 1,2-Dichloroethane-d4	5.72	65	29444	4.59	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.80%
32) Benzene-d6	5.75	84	87634	4.86	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.20%
36) 1,2-Dichloropropane-d6	6.70	67	29603	4.79	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.80%
41) Toluene-d8	7.91	98	68161	4.25	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.00%
43) trans-1,3-Dichloropropene-	8.19	79	9084	3.83	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	76.60%
46) 2-Hexanone-d5	8.64	63	52490	40.91	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	81.82%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	26187	4.36	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	87.20%
64) 1,2-Dichlorobenzene-d4	12.19	152	29281	5.06	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.20%

Target Compounds

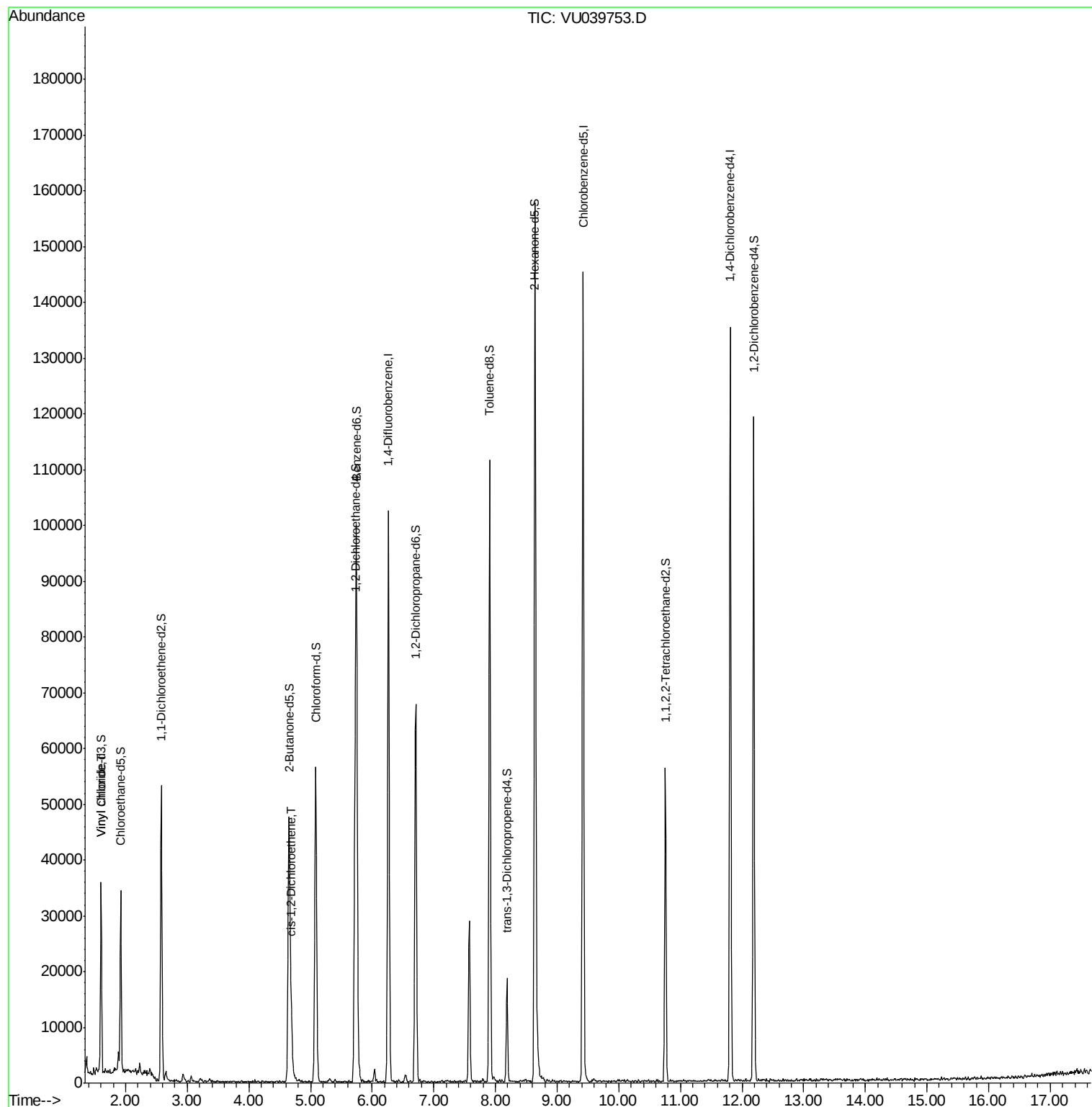
					Ovalue
5) Vinyl chloride	1.61	62	1195	0.184 ug/L #	63
22) cis-1,2-Dichloroethene	4.69	96	3032	0.526 ug/L	98

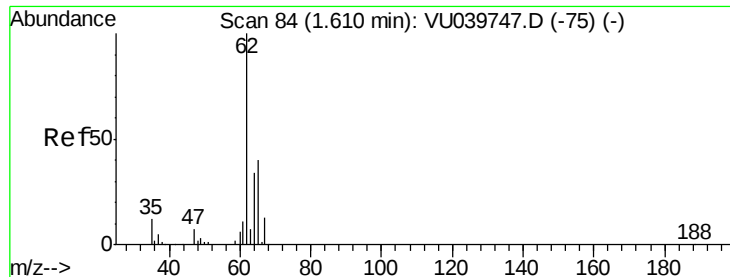
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 0.184 ug/L

RT: 1.61 min Scan# 83

Delta R.T. -0.00 min

Lab File: VU039753.D

Acq: 06 Aug 2020 14:01

Instrument :

MSVOA_U

ClientSampled :

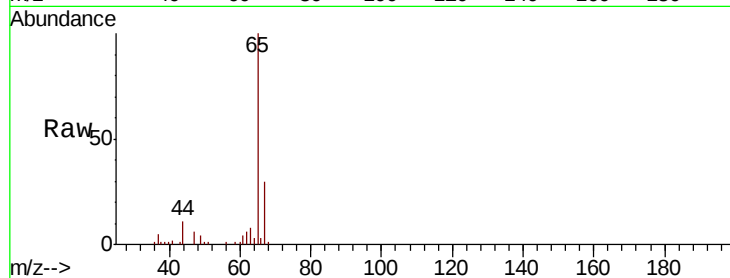
F4L10

Tot Ion: 62 Resp: 1195

Ion Ratio Lower Upper

62 100

64 55.4 24.1 44.7#



Abundance Ion 62.00 (61.70 to 62.70): VU039747.D (-75) (-)

Ion 64.10 (63.80 to 64.80): VU039747.D (-75) (-)

1.61

1000

800

600

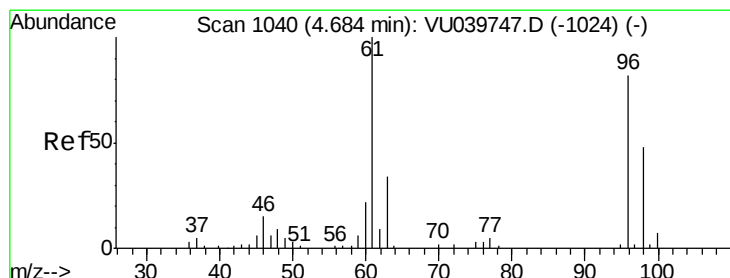
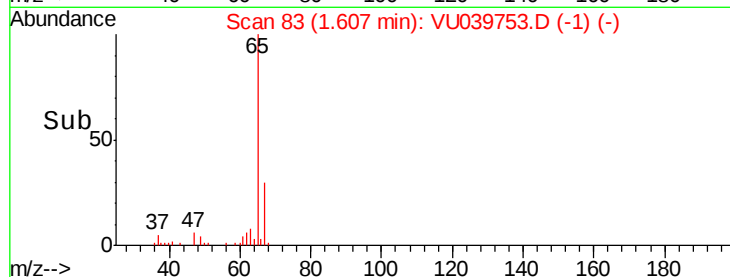
400

200

0

1.58 1.60 1.62 1.64

Time-->



#22

cis-1,2-Dichloroethene

Concen: 0.526 ug/L

RT: 4.69 min Scan# 1042

Delta R.T. 0.01 min

Lab File: VU039753.D

Acq: 06 Aug 2020 14:01

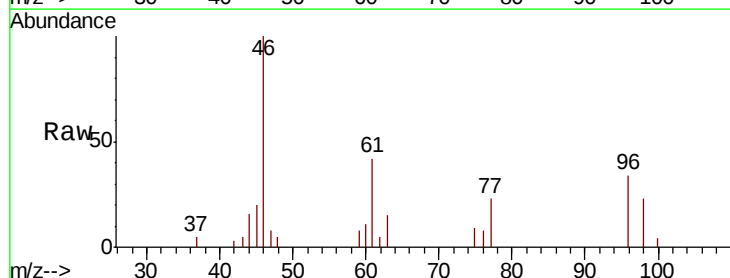
Tgt Ion: 96 Resp: 3032

Ion Ratio Lower Upper

96 100

61 122.2 87.4 162.2

68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VU039747.D (-1024) (-)

Ion 61.05 (60.75 to 61.75): VU039747.D (-1024) (-)

Ion 68.15 (67.85 to 68.85): VU039747.D (-1024) (-)

2000

1500

1000

500

0

4.65 4.70 4.75

Time-->

