

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU070720\
 Data File : VU039332.D
 Acq On : 07 Jul 2020 22:15
 Operator : SY/MD
 Sample : L3193-11DL 10X
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 H4270DL

Quant Time: Jul 08 02:49:33 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR070720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Jul 08 01:44:57 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	117475	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	112459	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	55665	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	37355	5.49	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	109.80%
7) Chloroethane-d5	1.92	69	62254	8.94	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	178.80%#
11) 1,1-Dichloroethene-d2	2.57	63	59503	4.44	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	88.80%
20) 2-Butanone-d5	4.66	46	187972	60.34	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	120.68%
24) Chloroform-d	5.08	84	78536	5.42	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	108.40%
26) 1,2-Dichloroethane-d4	5.72	65	52556	5.78	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	115.60%
32) Benzene-d6	5.75	84	167557	6.19	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	123.80%
36) 1,2-Dichloropropane-d6	6.70	67	56642	5.95	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	119.00%
41) Toluene-d8	7.91	98	143712	6.12	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	122.40%
43) trans-1,3-Dichloropropene-	8.19	79	24378	5.80	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	116.00%
46) 2-Hexanone-d5	8.65	63	145995	58.59	ug/L	0.01
Spiked Amount	50.000	Range	45 - 130	Recovery	=	117.18%
57) 1,1,2,2-Tetrachloroethane-	10.76	84	53078	5.63	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	112.60%
64) 1,2-Dichlorobenzene-d4	12.19	152	58448	5.88	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	117.60%

Target Compounds

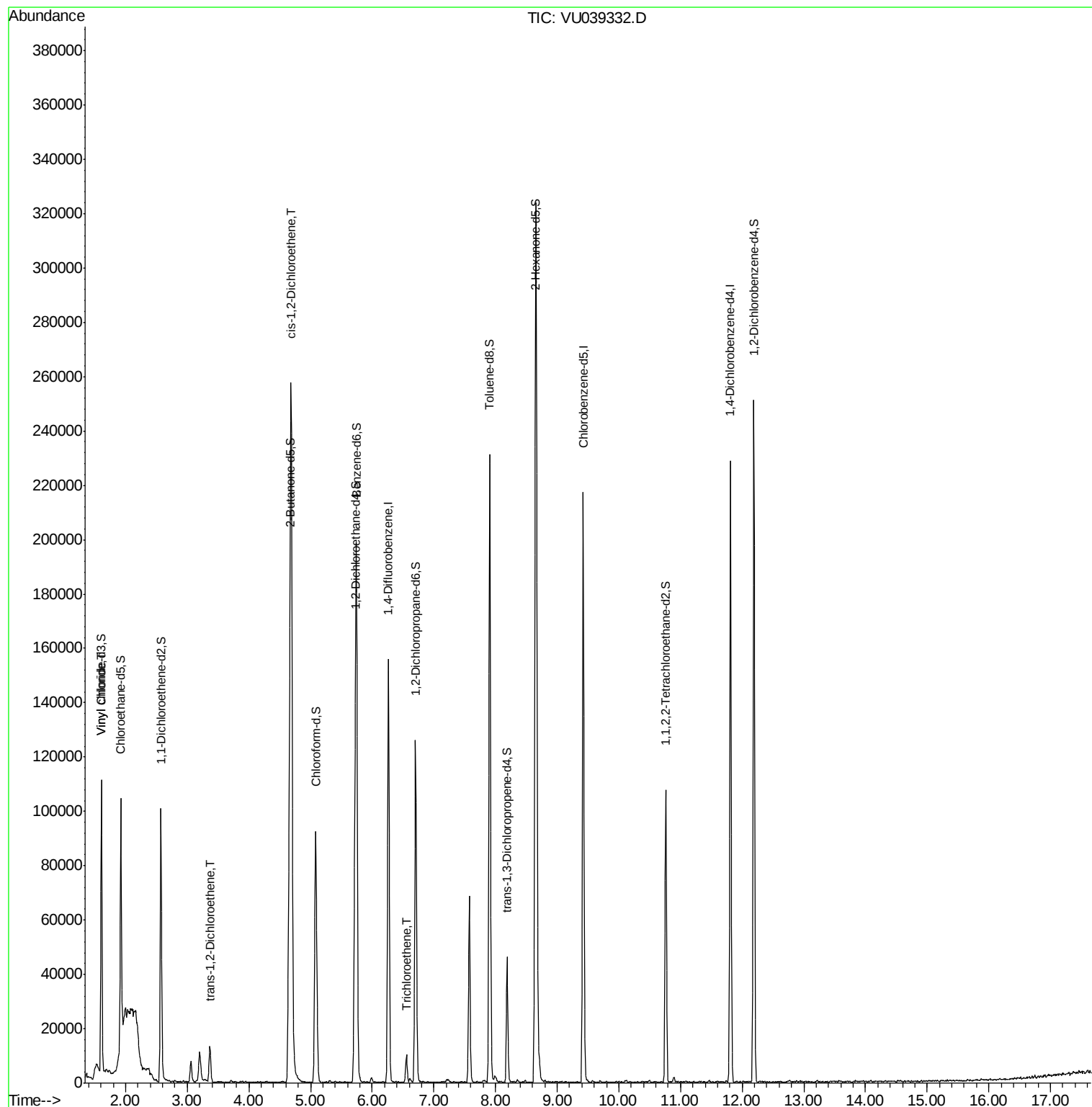
					Ovalue
5) Vinyl chloride	1.61	62	40164	4.193 ug/L	95
18) trans-1,2-Dichloroethene	3.37	96	4813	0.622 ug/L	92
22) cis-1,2-Dichloroethene	4.69	96	102733	11.846 ug/L	99
34) Trichloroethene	6.56	95	3045	0.350 ug/L	89

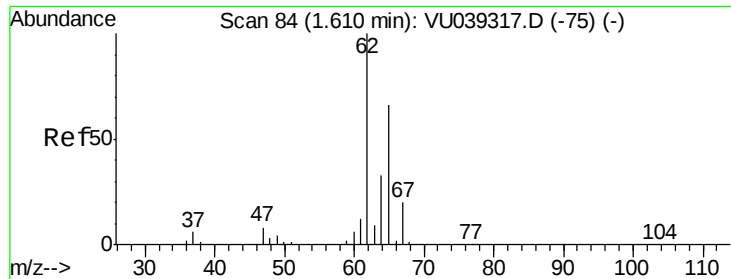
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 4.193 ug/L

RT: 1.61 min Scan# 84

Delta R.T. 0.00 min

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Instrument :

MSVOA_U

ClientSampleID :

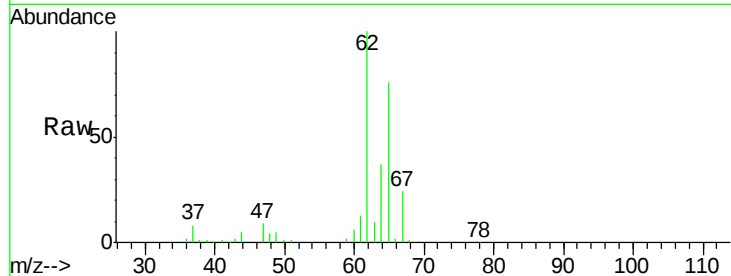
H4270DL

Tot Ion: 62 Resp: 40164

Ion Ratio Lower Upper

62 100

64 37.0 23.7 44.1



Abundance Ion 62.00 (61.70 to 62.70): VU0

Ion 64.10 (63.80 to 64.80): VU0

1.61

40000

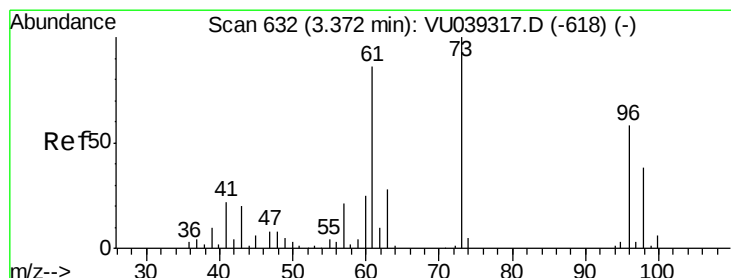
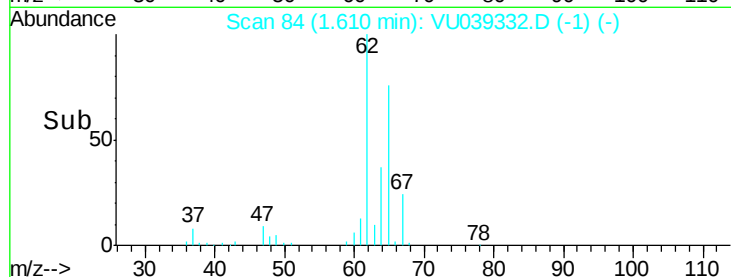
30000

20000

10000

0

Time--> 1.55 1.60 1.65



#18

trans-1,2-Dichloroethene

Concen: 0.622 ug/L

RT: 3.37 min Scan# 630

Delta R.T. -0.01 min

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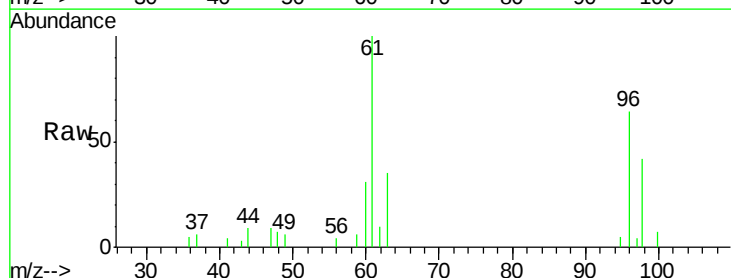
Tgt Ion: 96 Resp: 4813

Ion Ratio Lower Upper

96 100

61 156.0 102.1 189.5

98 65.5 42.5 78.9



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

5000

4000

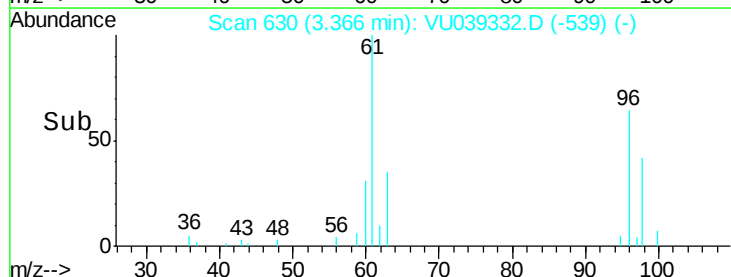
3000

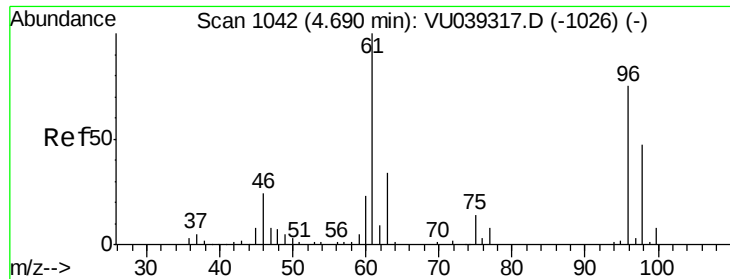
2000

1000

0

Time--> 3.30 3.35 3.40





#22

cis-1,2-Dichloroethene

Concen: 11.846 ug/L

RT: 4.69 min Scan# 1041

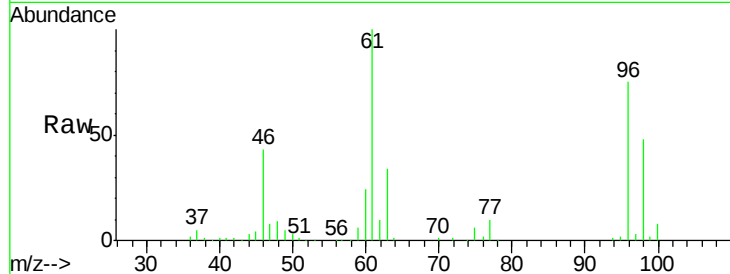
Delta R.T. -0.00 min

Lab File: VU039332.D

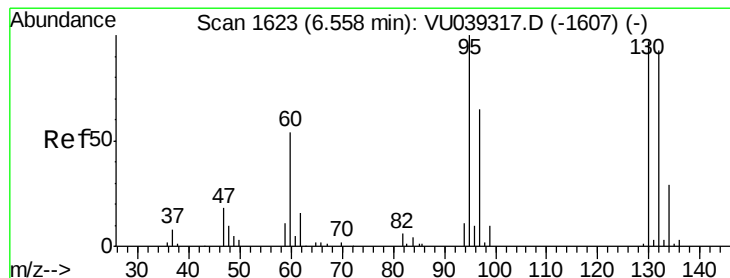
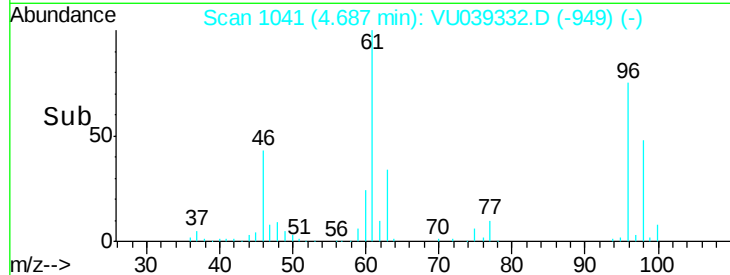
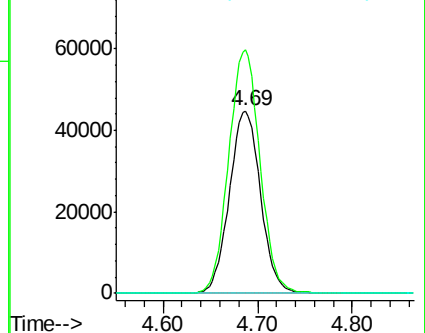
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Tot Ion:	96	Resp:	102733
Ion	Ratio	Lower	Upper
96	100		
61	133.5	92.8	172.4
68	0.0	0.0	0.0



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



#34

Trichloroethene

Concen: 0.350 ug/L

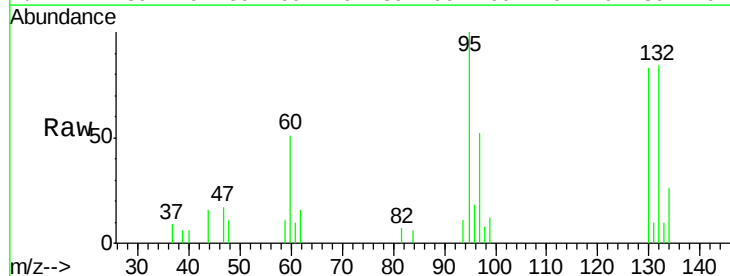
RT: 6.56 min Scan# 1622

Delta R.T. -0.00 min

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Tgt Ion:	95	Resp:	3045
Ion	Ratio	Lower	Upper
95	100		
97	51.8	46.3	85.9
132	83.7	64.0	118.8
130	83.1	64.3	119.5



Abundance Ion 95.00 (94.70 to 95.70): VU0
Ion 96.95 (96.65 to 97.65): VU0
Ion 131.95 (131.65 to 132.65): V
Ion 129.95 (129.65 to 130.65): V

