

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU070820\
 Data File : VU039355.D
 Acq On : 08 Jul 2020 18:16
 Operator : SY/MD
 Sample : L3231-07
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 H4293

Quant Time: Jul 09 04:58:49 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR070720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Jul 09 02:29:26 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	104139	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	96791	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	47090	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	33135	5.49	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	109.80%
7) Chloroethane-d5	1.92	69	30653	4.96	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	99.20%
11) 1,1-Dichloroethene-d2	2.58	63	50136	4.22	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	84.40%
20) 2-Butanone-d5	4.67	46	139536	50.53	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	101.06%
24) Chloroform-d	5.09	84	72465	5.64	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	112.80%
26) 1,2-Dichloroethane-d4	5.72	65	44171	5.48	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	109.60%
32) Benzene-d6	5.74	84	139324	5.98	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	119.60%
36) 1,2-Dichloropropane-d6	6.71	67	48343	5.90	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	118.00%
41) Toluene-d8	7.91	98	120438	5.96	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	119.20%
43) trans-1,3-Dichloropropene-	8.19	79	18551	5.13	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	102.60%
46) 2-Hexanone-d5	8.65	63	107841	50.29	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	100.58%
57) 1,1,2,2-Tetrachloroethane-	10.76	84	41728	5.14	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	102.80%
64) 1,2-Dichlorobenzene-d4	12.19	152	48964	5.83	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	116.60%

Target Compounds

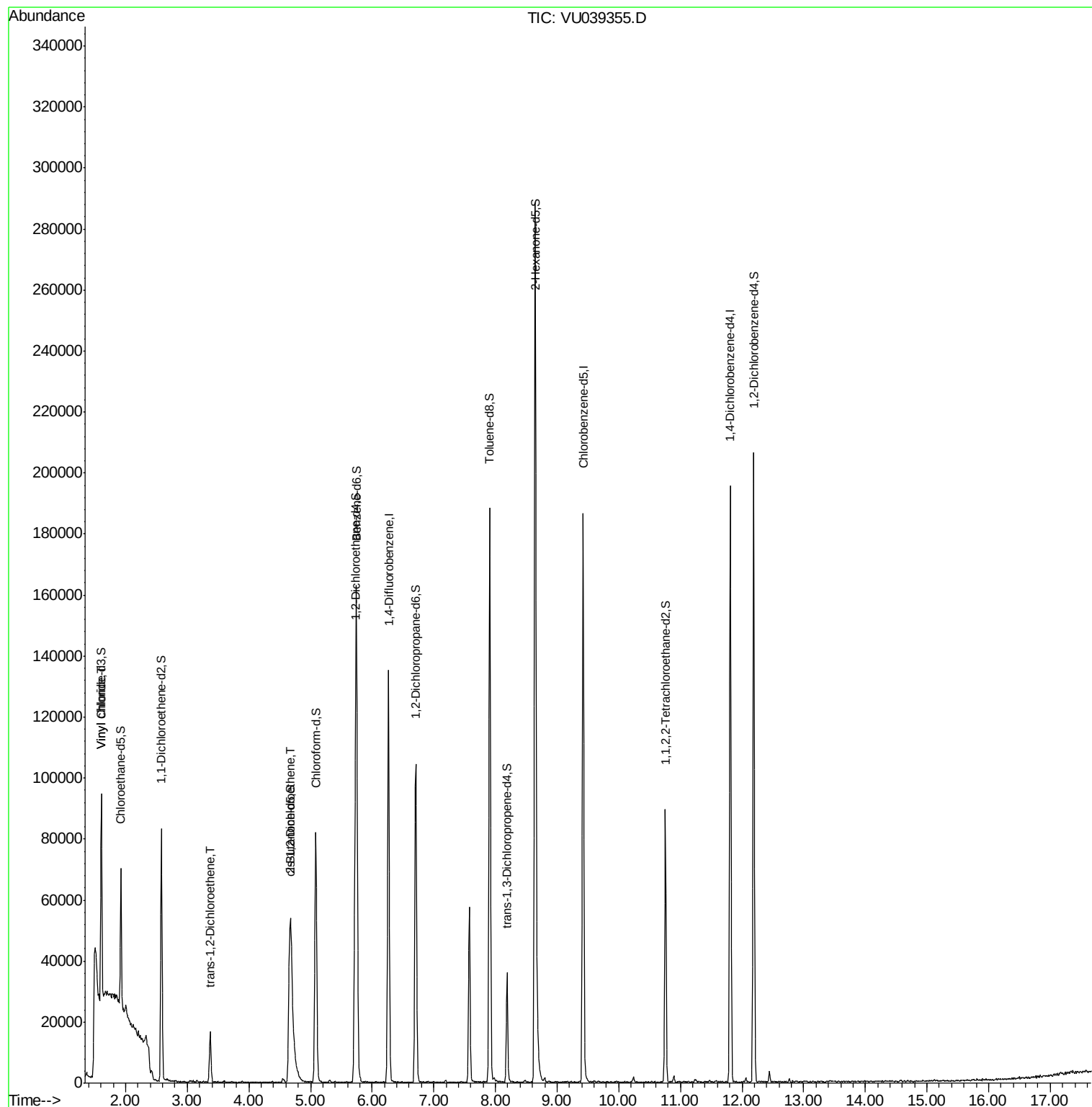
					Ovalue
5) Vinyl chloride	1.61	62	14081	1.658 ug/L	# 1
18) trans-1,2-Dichloroethene	3.37	96	6070	0.885 ug/L	93
22) cis-1,2-Dichloroethene	4.69	96	3570	0.464 ug/L	92

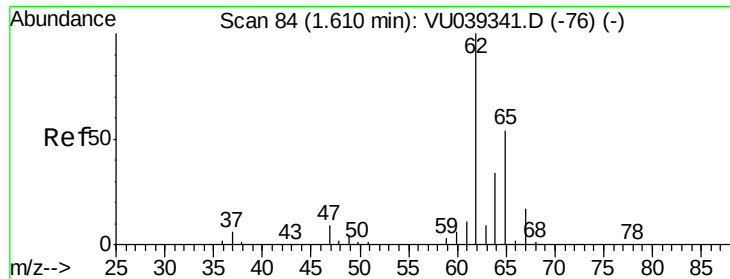
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 1.658 ug/L

RT: 1.61 min Scan# 84

Delta R.T. 0.00 min

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Acq: 08 Jul 2020 18:16

Instrument :

MSVOA_U

ClientSampled :

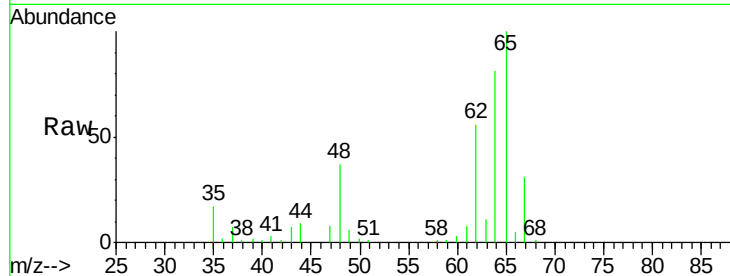
H4293

Tot Ion: 62 Resp: 14081

Ion Ratio Lower Upper

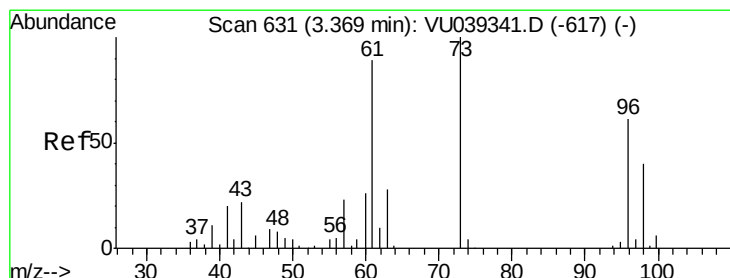
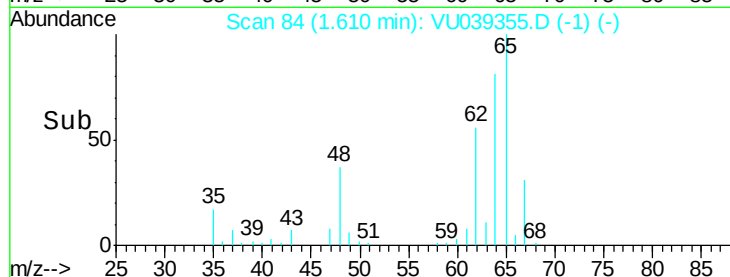
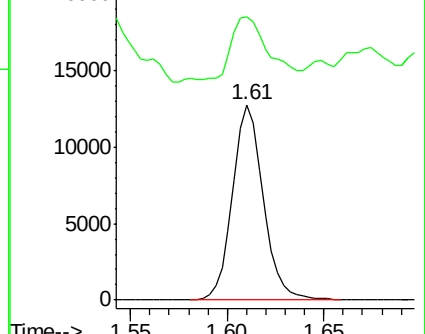
62 100

64 144.9 23.7 44.1#



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: 0.885 ug/L

RT: 3.37 min Scan# 632

Delta R.T. 0.00 min

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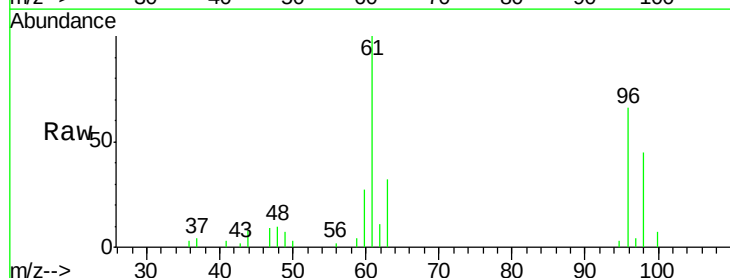
Tgt Ion: 96 Resp: 6070

Ion Ratio Lower Upper

96 100

61 152.1 102.1 189.5

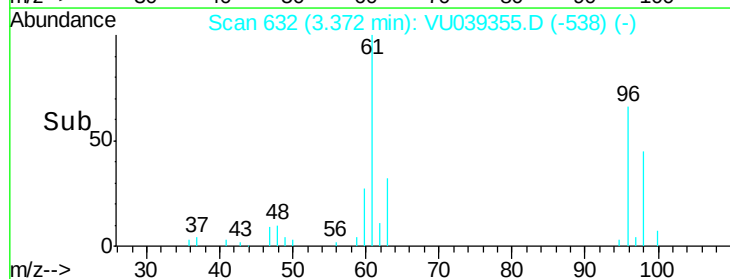
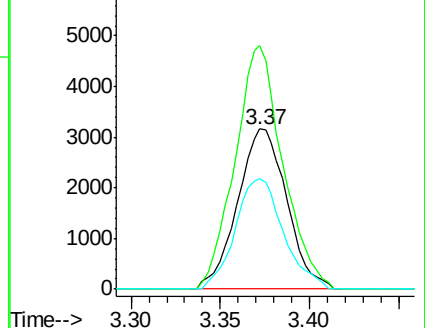
98 69.1 42.5 78.9

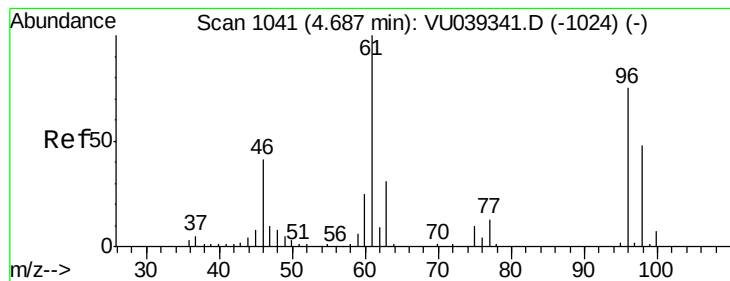


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.05 (60.75 to 61.75): VU0

Ion 97.95 (97.65 to 98.65): VU0





#22

cis-1,2-Dichloroethene

Concen: 0.464 ug/L

RT: 4.69 min Scan# 1041

Delta R.T. 0.00 min

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Tot Ion: 96 Resp: 3570

Ion Ratio Lower Upper

96 100

61 123.0 92.8 172.4

68 0.0 0.0 0.0

