

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU093020\
 Data File : VU040395.D
 Acq On : 30 Sep 2020 13:43
 Operator : SY/MD
 Sample : L4186-09
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BG0E9

Quant Time: Oct 01 03:33:25 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR092920WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Oct 01 03:05:40 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	117930	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	121845	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	53226	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	27873	4.77	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	95.40%
7) Chloroethane-d5	1.92	69	27520	5.38	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	107.60%
11) 1,1-Dichloroethene-d2	2.58	63	46169	3.29	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	65.80%
20) 2-Butanone-d5	4.65	46	162978	56.20	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	112.40%
24) Chloroform-d	5.08	84	72663	5.23	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.60%
26) 1,2-Dichloroethane-d4	5.72	65	44643	5.27	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.40%
32) Benzene-d6	5.74	84	127533	5.21	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.20%
36) 1,2-Dichloropropane-d6	6.70	67	46051	5.14	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	102.80%
41) Toluene-d8	7.91	98	96245	4.52	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.40%
43) trans-1,3-Dichloropropene-	8.19	79	17603	4.81	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	96.20%
46) 2-Hexanone-d5	8.64	63	111159	51.68	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	103.36%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	45088	5.17	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	103.40%
64) 1,2-Dichlorobenzene-d4	12.19	152	45831	5.68	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	113.60%

Target Compounds

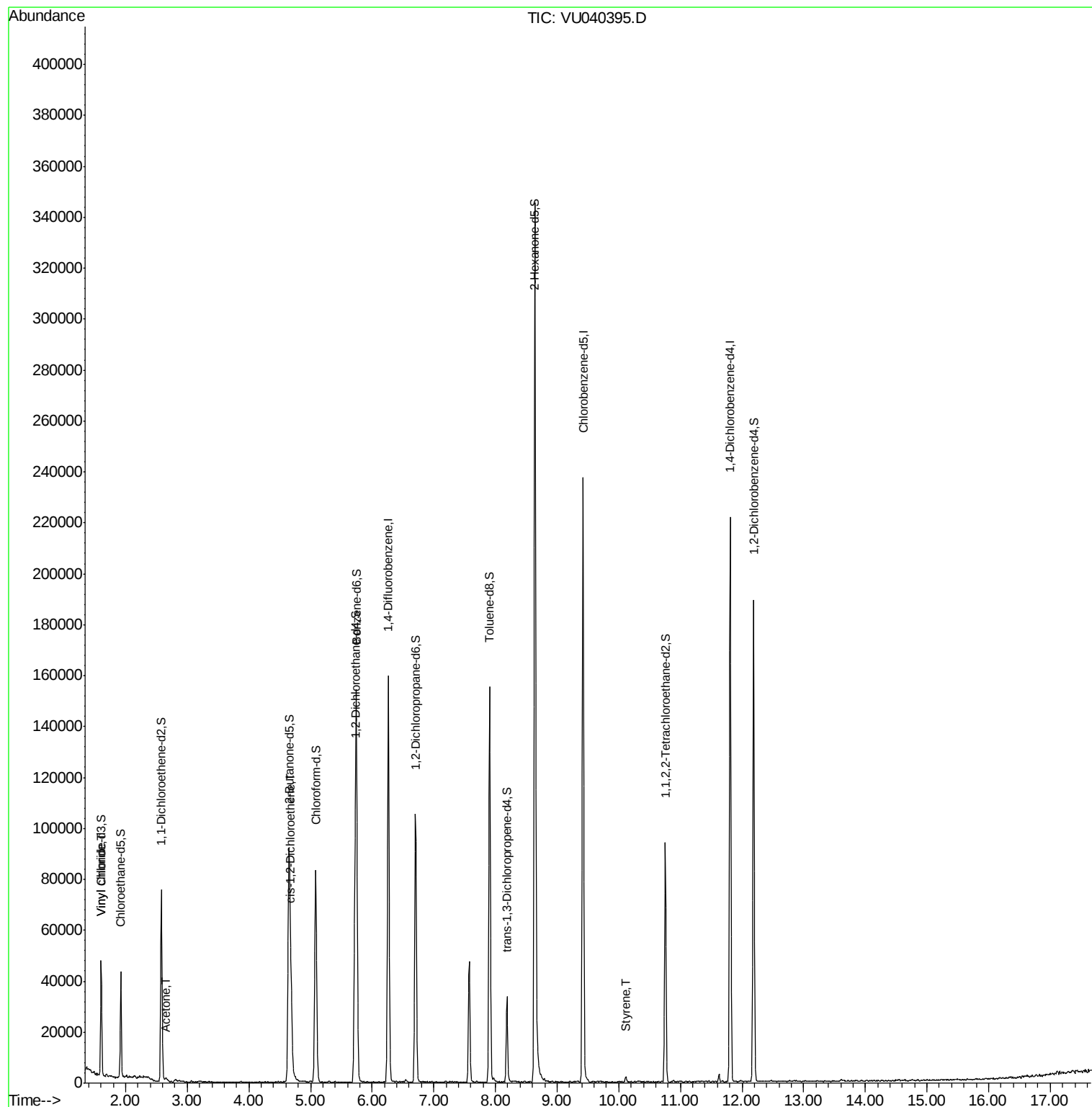
					Ovalue
5) Vinyl chloride	1.61	62	831	0.073 ug/L #	39
13) Acetone	2.65	43	2565	1.061 ug/L	85
22) cis-1,2-Dichloroethene	4.69	96	7797	0.759 ug/L	95
55) Styrene	10.11	104	1379	0.050 ug/L	85

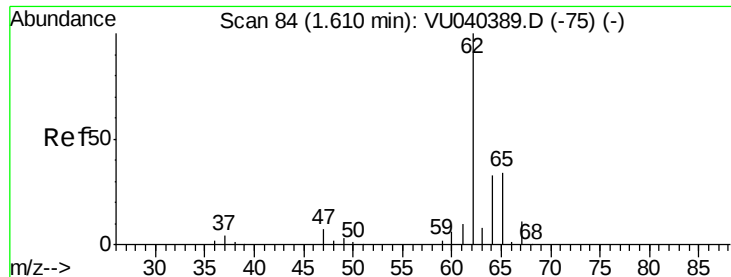
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 0.073 ug/L

RT: 1.61 min Scan# 84

Delta R.T. -0.00 min

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Instrument :

MSVOA_U

ClientSampleId :

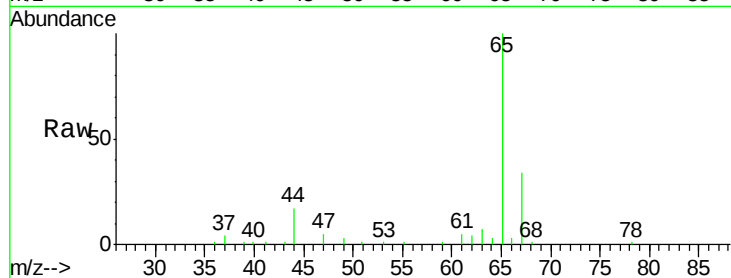
BG0E9

Tot Ion: 62 Resp: 831

Ion Ratio Lower Upper

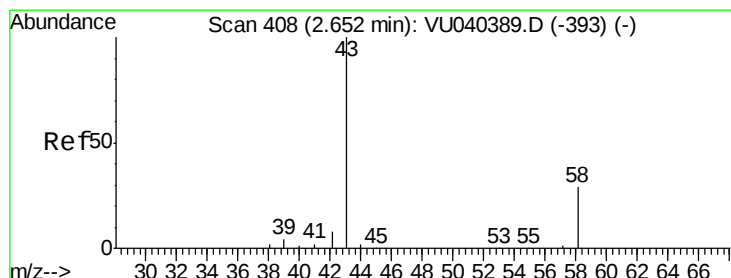
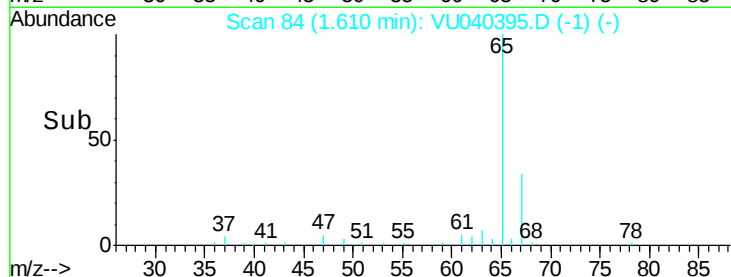
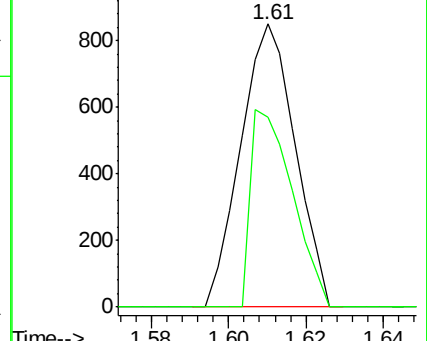
62 100

64 67.1 23.0 42.8#



Abundance Ion 62.00 (61.70 to 62.70): VU0

Ion 64.10 (63.80 to 64.80): VU0



#13

Acetone

Concen: 1.061 ug/L

RT: 2.65 min Scan# 409

Delta R.T. 0.00 min

Lab File: VU040395.D

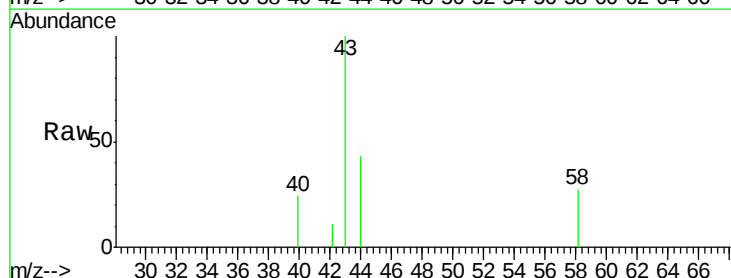
Acq: 30 Sep 2020 13:43

Tgt Ion: 43 Resp: 2565

Ion Ratio Lower Upper

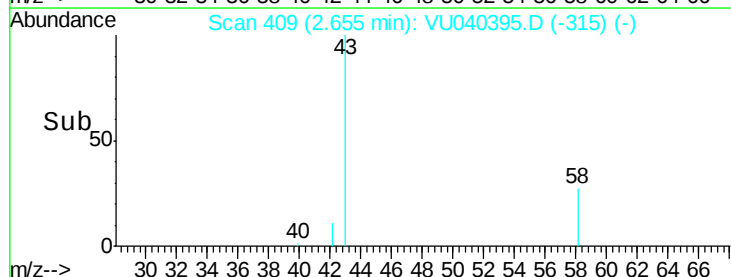
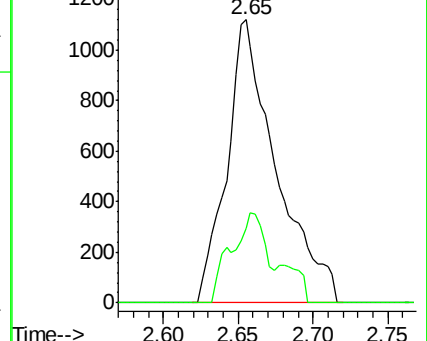
43 100

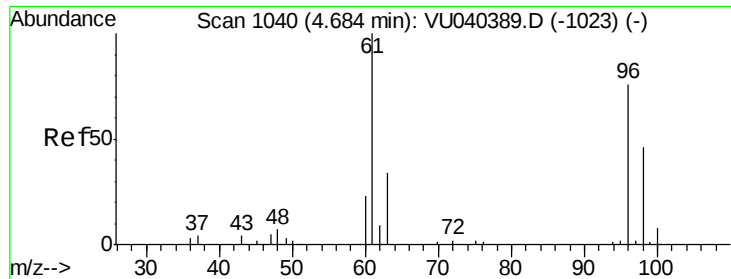
58 22.5 0.0 61.8



Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 58.05 (57.75 to 58.75): VU0





#22

cis-1,2-Dichloroethene

Concen: 0.759 ug/L

RT: 4.69 min Scan# 1041

Delta R.T. 0.00 min

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Instrument :

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ClientSampleId :

BG0E9

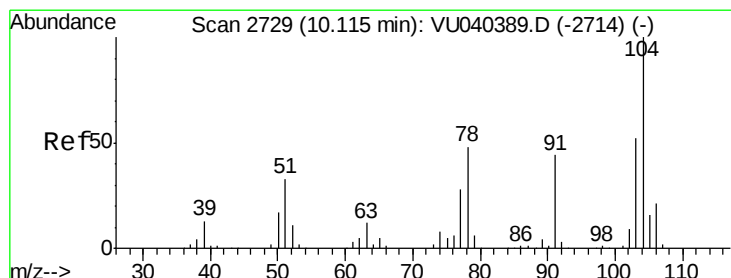
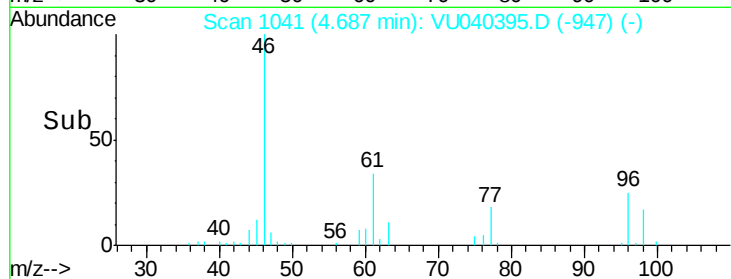
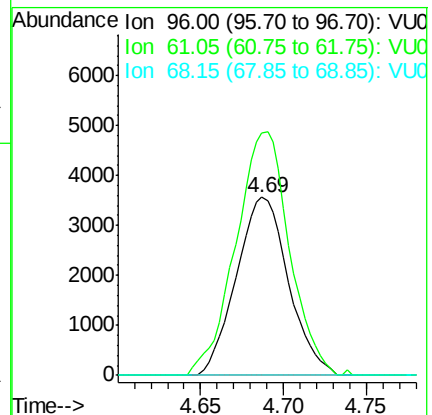
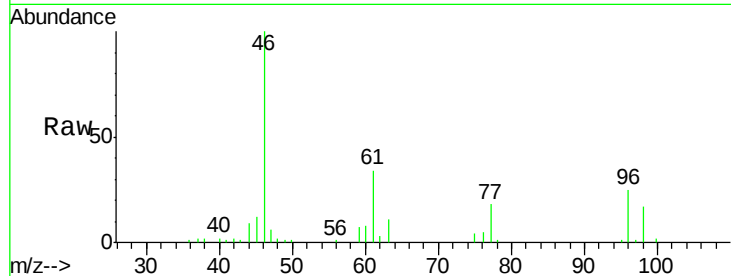
Tot Ion: 96 Resp: 7797

Ion Ratio Lower Upper

96 100

61 136.1 99.3 184.5

68 0.0 0.0 0.0



#55

Styrene

Concen: 0.050 ug/L

RT: 10.11 min Scan# 2729

Delta R.T. -0.00 min

Lab File: VU040395.D

Acq: 30 Sep 2020 13:43

Tgt Ion: 104 Resp: 1379

Ion Ratio Lower Upper

104 100

78 38.9 34.4 63.8

