

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU093020\
 Data File : VU040396.D
 Acq On : 30 Sep 2020 14:06
 Operator : SY/MD
 Sample : L4186-10
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BG0F0

Quant Time: Oct 01 03:36:09 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	123317	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	127298	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	56388	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	27977	4.58	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	91.60%
7) Chloroethane-d5	1.92	69	27007	5.05	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	101.00%
11) 1,1-Dichloroethene-d2	2.58	63	46410	3.16	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	63.20%
20) 2-Butanone-d5	4.65	46	158724	52.34	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	104.68%
24) Chloroform-d	5.08	84	73693	5.07	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.40%
26) 1,2-Dichloroethane-d4	5.72	65	46377	5.24	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.80%
32) Benzene-d6	5.74	84	128064	5.01	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.20%
36) 1,2-Dichloropropane-d6	6.70	67	46669	4.98	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.60%
41) Toluene-d8	7.91	98	96727	4.35	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.00%
43) trans-1,3-Dichloropropene-	8.19	79	17270	4.52	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	90.40%
46) 2-Hexanone-d5	8.64	63	109651	48.79	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	97.58%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	45252	4.97	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.40%
64) 1,2-Dichlorobenzene-d4	12.19	152	47426	5.55	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	111.00%

Target Compounds

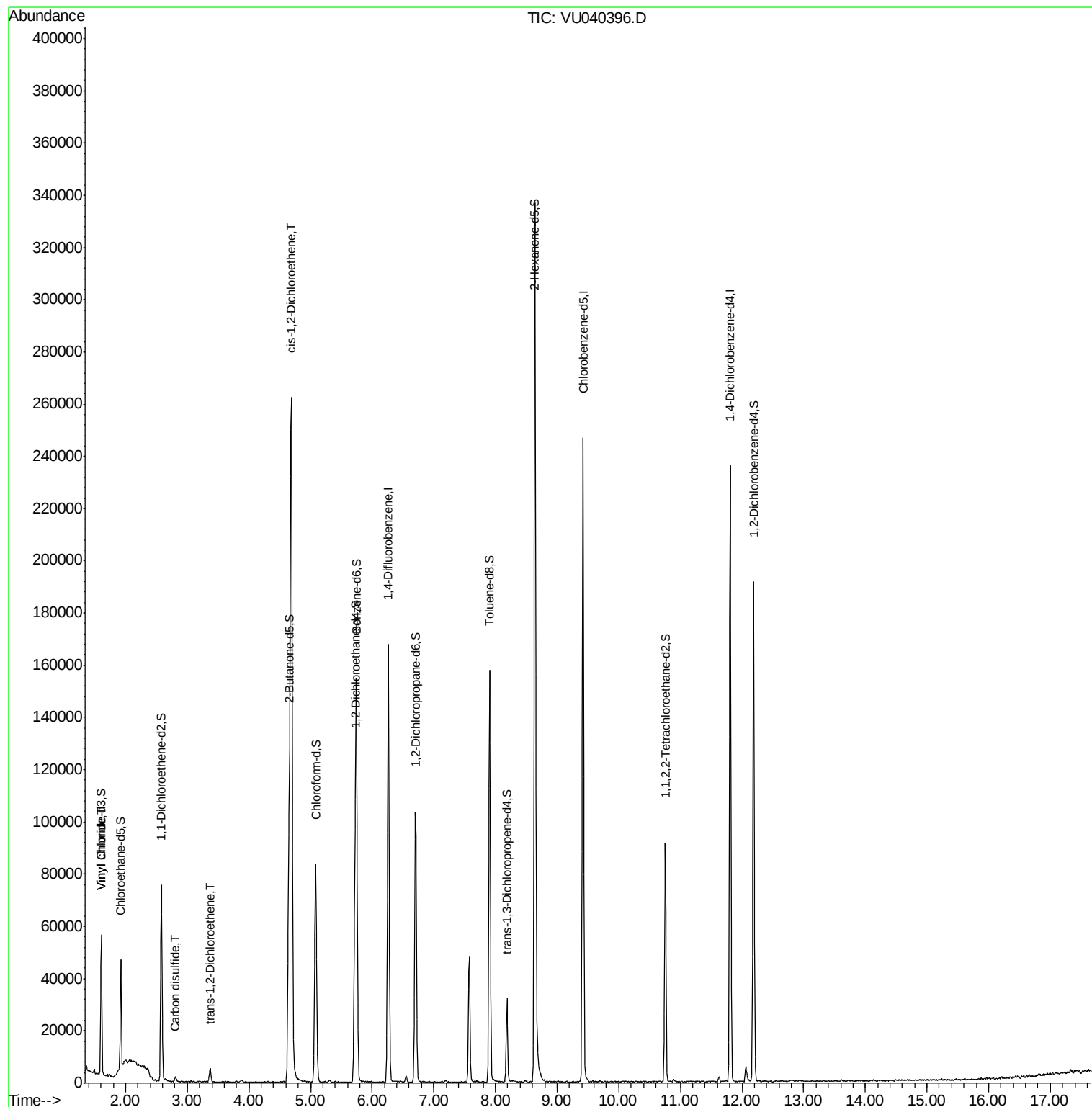
					Ovalue
5) Vinyl chloride	1.61	62	9192	0.771 ug/L	98
14) Carbon disulfide	2.81	76	2276	0.077 ug/L	97
18) trans-1,2-Dichloroethene	3.37	96	2402	0.247 ug/L	86
22) cis-1,2-Dichloroethene	4.69	96	117524	10.940 ug/L	99

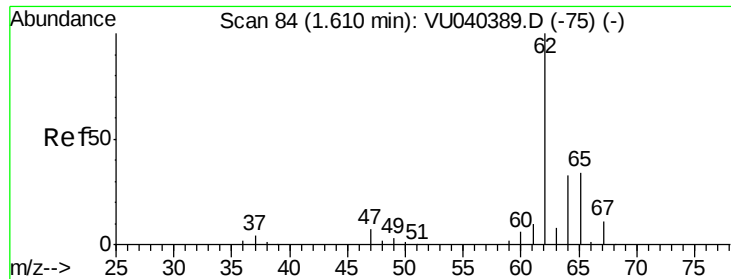
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 0.771 ug/L

RT: 1.61 min Scan# 84

Delta R.T. -0.00 min

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ClientSampleId :

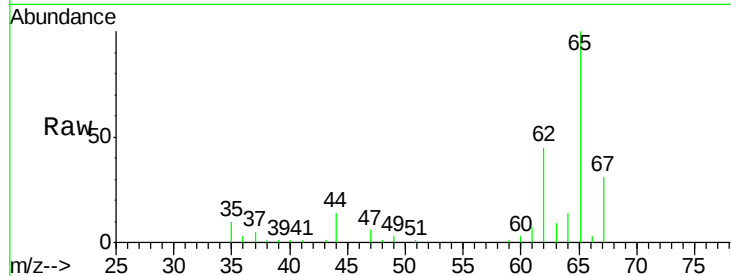
BG0F0

Tot Ion: 62 Resp: 9192

Ion Ratio Lower Upper

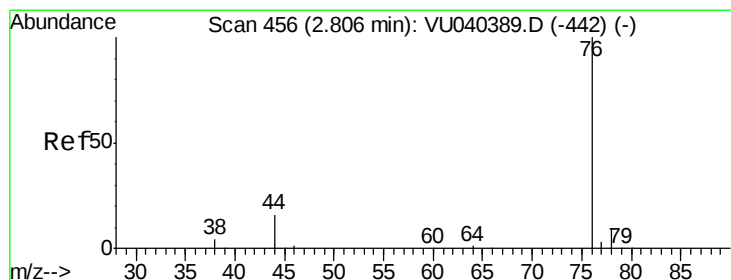
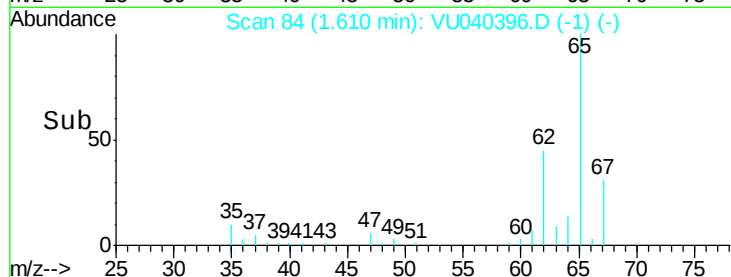
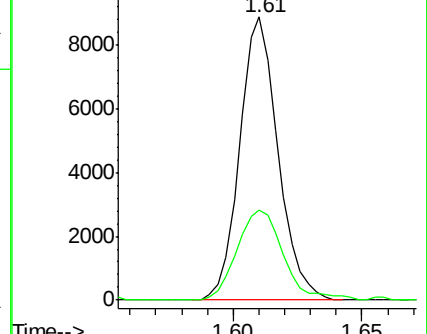
62 100

64 32.0 23.0 42.8



Abundance Ion 62.00 (61.70 to 62.70): VU0

Ion 64.10 (63.80 to 64.80): VU0



#14

Carbon disulfide

Concen: 0.077 ug/L

RT: 2.81 min Scan# 456

Delta R.T. -0.00 min

Lab File: VU040396.D

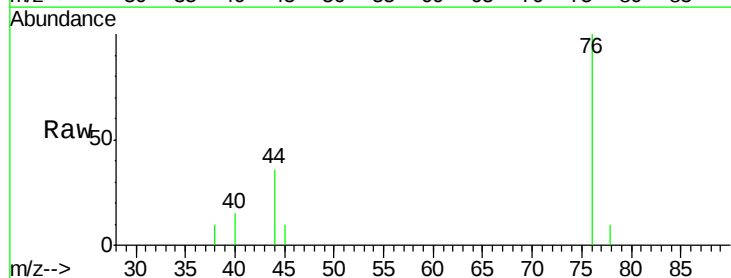
Acq: 30 Sep 2020 14:06

Tgt Ion: 76 Resp: 2276

Ion Ratio Lower Upper

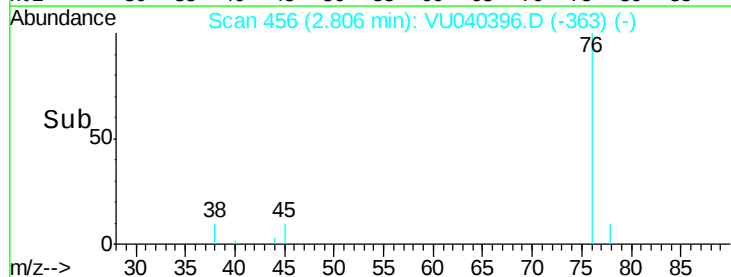
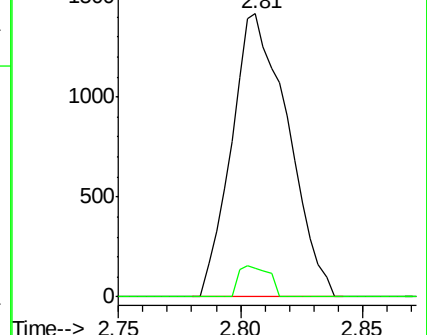
76 100

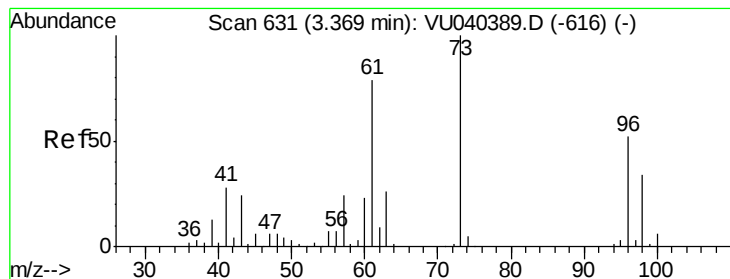
78 10.0 7.2 10.8



Abundance Ion 76.05 (75.75 to 76.75): VU0

Ion 78.00 (77.70 to 78.70): VU0





#18

trans-1,2-Dichloroethene

Concen: 0.247 ug/L

RT: 3.37 min Scan# 632

Delta R.T. 0.00 min

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Acq: 30 Sep 2020 14:06

Instrument :

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ClientSampleId :

BG0F0

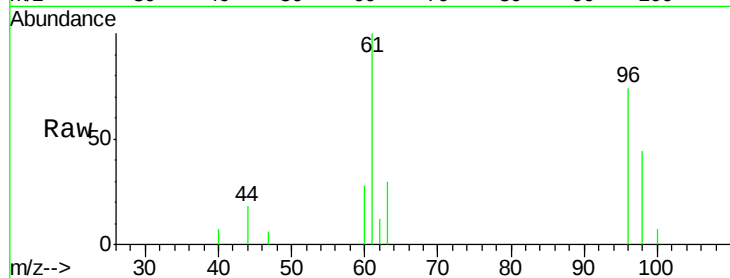
Tot Ion: 96 Resp: 2402

Ion Ratio Lower Upper

96 100

61 134.5 109.3 203.1

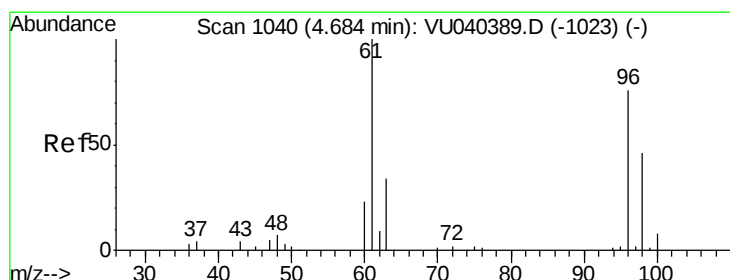
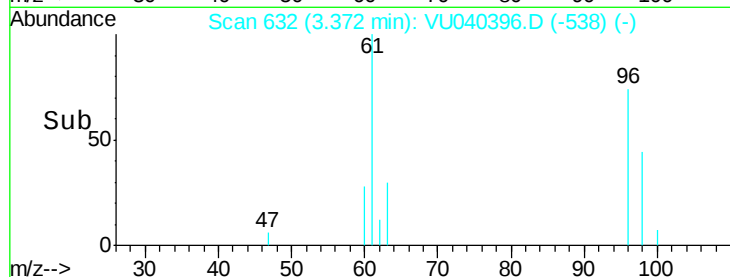
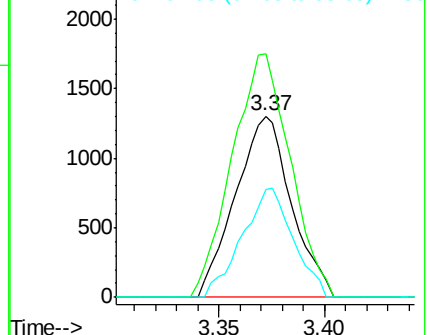
98 59.7 45.8 85.0



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: 10.940 ug/L

RT: 4.69 min Scan# 1041

Delta R.T. 0.00 min

Lab File: VU040396.D

Acq: 30 Sep 2020 14:06

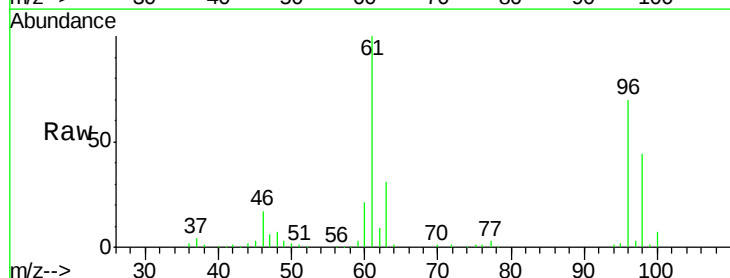
Tgt Ion: 96 Resp: 117524

Ion Ratio Lower Upper

96 100

61 143.6 99.3 184.5

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

