

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U101920\
 Data File : VU040835.D
 Acq On : 20 Oct 2020 03:42
 Operator : SY/MD
 Sample : L4428-06
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 ETZ31

Quant Time: Oct 20 06:47:52 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR100820WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Oct 20 05:12:18 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	110800	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	115043	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	46157	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	26170	2.85	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	57.00%
7) Chloroethane-d5	1.92	69	27850	3.93	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	78.60%
11) 1,1-Dichloroethene-d2	2.58	63	44878	2.50	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	50.00%#
20) 2-Butanone-d5	4.66	46	179211	61.00	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	122.00%
24) Chloroform-d	5.08	84	80286	4.98	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.60%
26) 1,2-Dichloroethane-d4	5.72	65	50755	5.17	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.40%
32) Benzene-d6	5.74	84	136041	4.39	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.80%
36) 1,2-Dichloropropane-d6	6.70	67	49255	4.78	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.60%
41) Toluene-d8	7.91	98	97193	3.50	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	70.00%
43) trans-1,3-Dichloropropene-	8.19	79	17902	4.10	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	82.00%
46) 2-Hexanone-d5	8.64	63	116940	52.00	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	104.00%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	49192	5.32	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	106.40%
64) 1,2-Dichlorobenzene-d4	12.19	152	46412	5.42	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	108.40%

Target Compounds

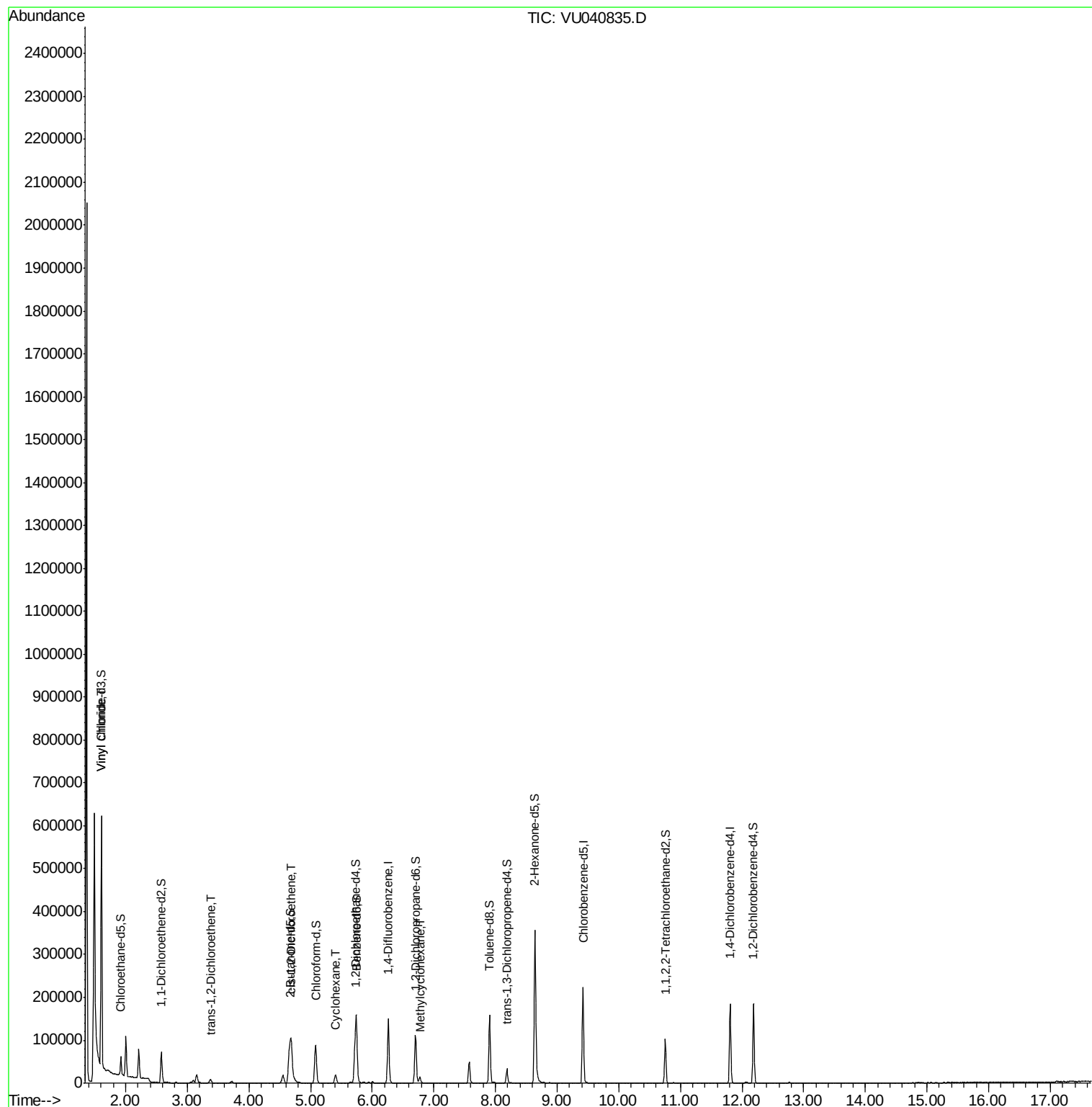
					Ovalue
5) Vinyl chloride	1.61	62	44747	4.526 ug/L #	20
18) trans-1,2-Dichloroethene	3.38	96	2034	0.246 ug/L	87
22) cis-1,2-Dichloroethene	4.69	96	26947	3.019 ug/L	90
30) Cyclohexane	5.40	56	8328	0.585 ug/L	97
35) Methylcyclohexane	6.77	83	4355	0.321 ug/L	89

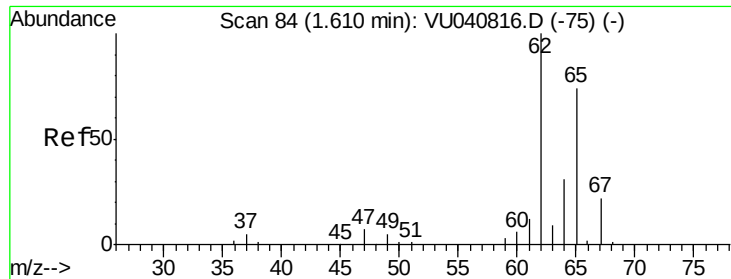
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 4.526 ug/L

RT: 1.61 min Scan# 84

Delta R.T. -0.00 min

Lab File: VU040835.D

Acq: 20 Oct 2020 03:42

Instrument :

MSVOA_U

ClientSampled :

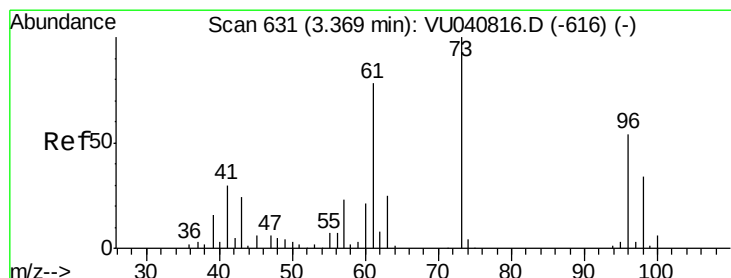
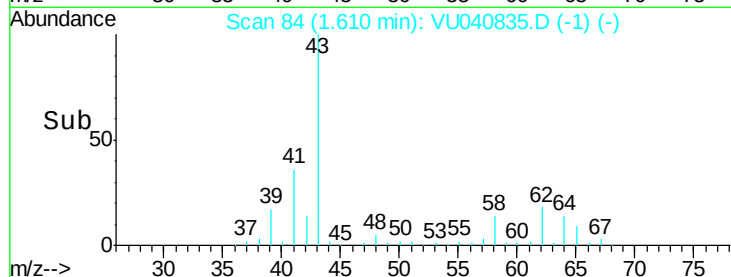
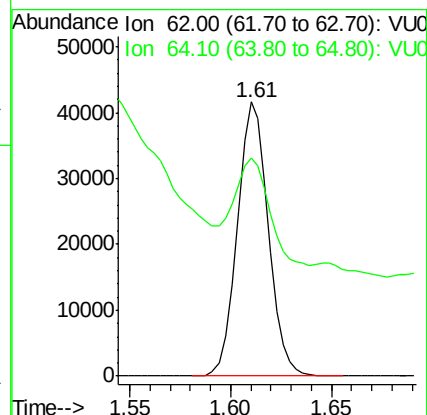
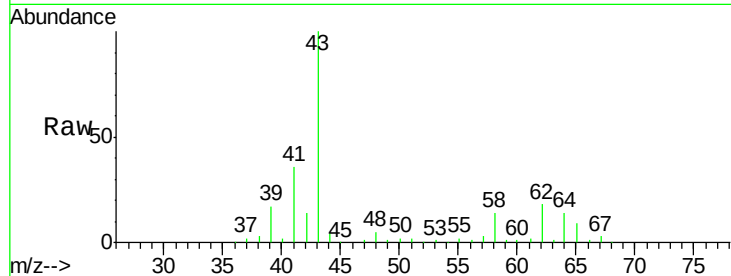
ETZ31

Tot Ion: 62 Resp: 44747

Ion Ratio Lower Upper

62 100

64 79.8 23.7 44.1#



#18

trans-1,2-Dichloroethene

Concen: 0.246 ug/L

RT: 3.38 min Scan# 633

Delta R.T. 0.01 min

Lab File: VU040835.D

Acq: 20 Oct 2020 03:42

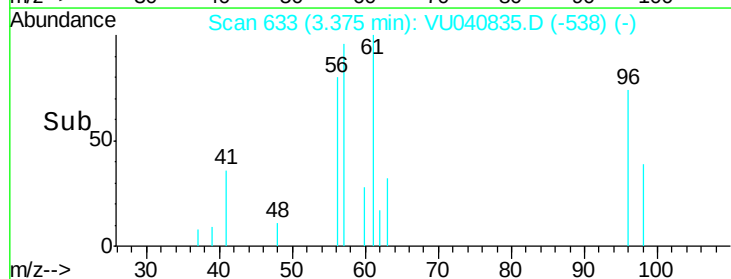
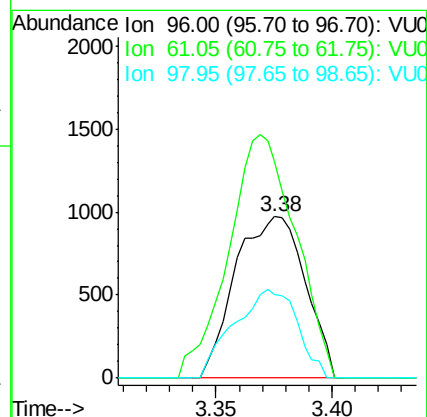
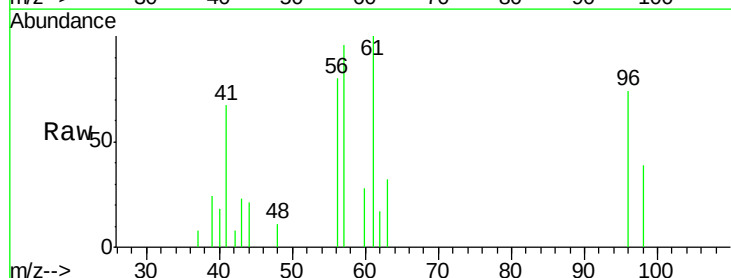
Tgt Ion: 96 Resp: 2034

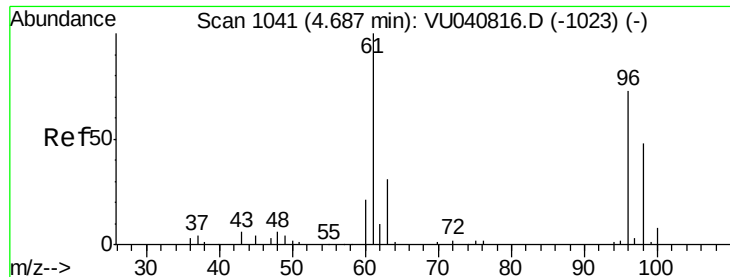
Ion Ratio Lower Upper

96 100

61 134.8 105.9 196.7

98 52.3 43.8 81.3





#22

cis-1,2-Dichloroethene

Concen: 3.019 ug/L

RT: 4.69 min Scan# 1041

Delta R.T. -0.00 min

Lab File: VU040835.D

Acq: 20 Oct 2020 03:42

Instrument :

MSVOA_U

ClientSampleId :

ETZ31

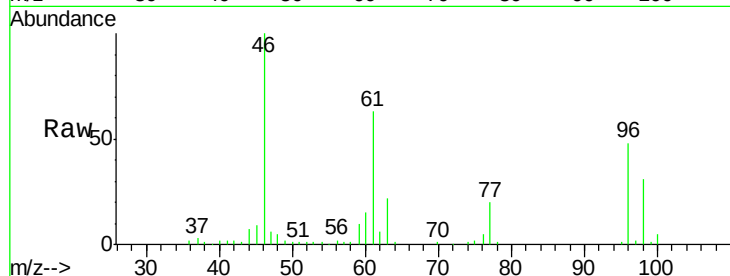
Tot Ion: 96 Resp: 26947

Ion Ratio Lower Upper

96 100

61 130.0 99.8 185.4

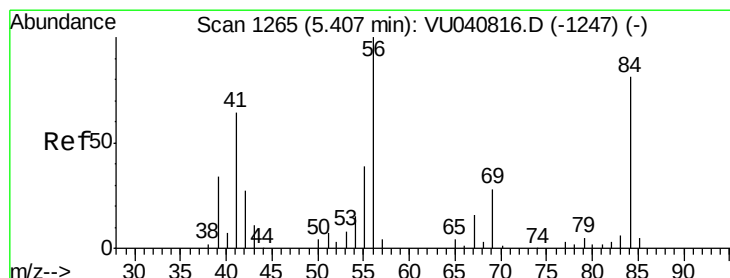
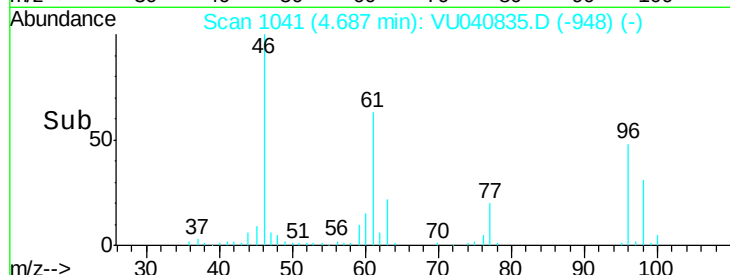
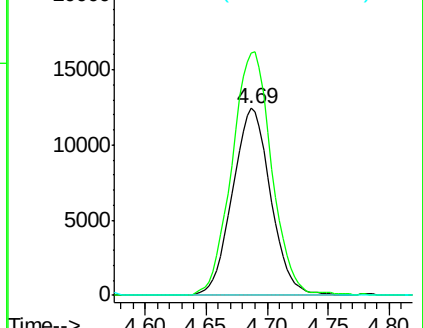
68 0.0 0.0 0.0



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



#30

Cyclohexane

Concen: 0.585 ug/L

RT: 5.40 min Scan# 1264

Delta R.T. -0.00 min

Lab File: VU040835.D

Acq: 20 Oct 2020 03:42

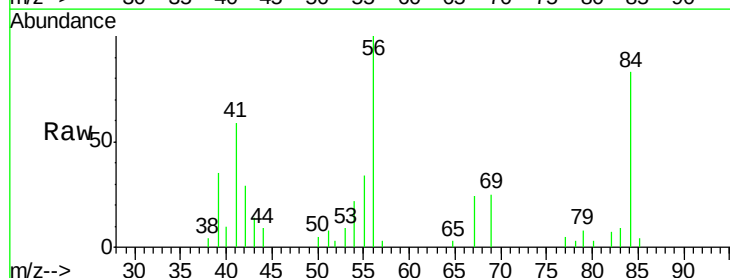
Tgt Ion: 56 Resp: 8328

Ion Ratio Lower Upper

56 100

69 29.3 23.8 35.8

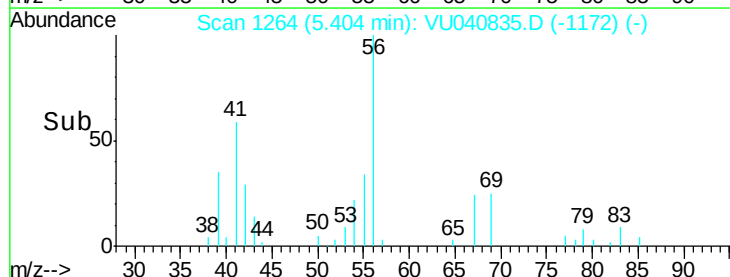
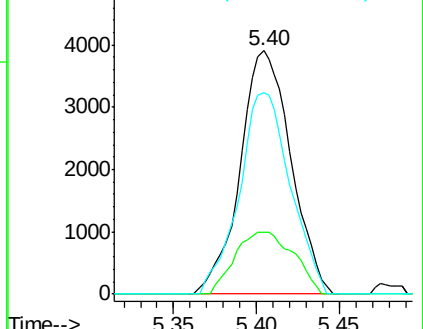
84 83.2 64.0 96.0

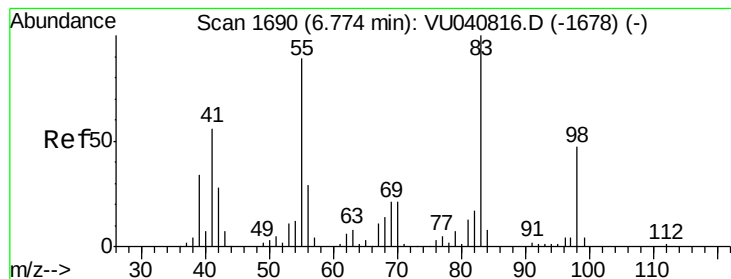


Abundance Ion 56.10 (55.80 to 56.80): VU0

Ion 69.15 (68.85 to 69.85): VU0

Ion 84.15 (83.85 to 84.85): VU0





#35

Methylcyclohexane

Concen: 0.321 ug/L

RT: 6.77 min Scan# 1688

Delta R.T. -0.01 min

Lab File: VU040835.D

Acq: 20 Oct 2020 03:42

Instrument :
MSVOA_U
ClientSampleId :
ETZ31

Tot Ion: 83 Resp: 4355

Ion Ratio Lower Upper

83 100

55 104.2 70.7 106.1

98 47.1 38.4 57.6

