

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U102120\
 Data File : VU040896.D
 Acq On : 22 Oct 2020 00:28
 Operator : SY/MD
 Sample : L4447-02DL 200X
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 ETZ56DL

Quant Time: Oct 22 03:05:32 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR102120WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Oct 22 00:42:50 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	219306	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	227468	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	92343	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	69752	4.64	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	92.80%
7) Chloroethane-d5	1.92	69	62512	4.77	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	95.40%
11) 1,1-Dichloroethene-d2	2.58	63	104791	3.28	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	65.60%
20) 2-Butanone-d5	4.65	46	340929	63.87	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	127.74%
24) Chloroform-d	5.08	84	161986	4.91	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.20%
26) 1,2-Dichloroethane-d4	5.72	65	103641	5.61	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	112.20%
32) Benzene-d6	5.74	84	283810	4.77	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.40%
36) 1,2-Dichloropropane-d6	6.70	67	100650	4.97	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.40%
41) Toluene-d8	7.91	98	214735	4.06	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	81.20%
43) trans-1,3-Dichloropropene-	8.19	79	38771	4.79	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	95.80%
46) 2-Hexanone-d5	8.64	63	243807	59.85	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	119.70%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	97593	5.67	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	113.40%
64) 1,2-Dichlorobenzene-d4	12.19	152	90852	5.60	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	112.00%

Target Compounds

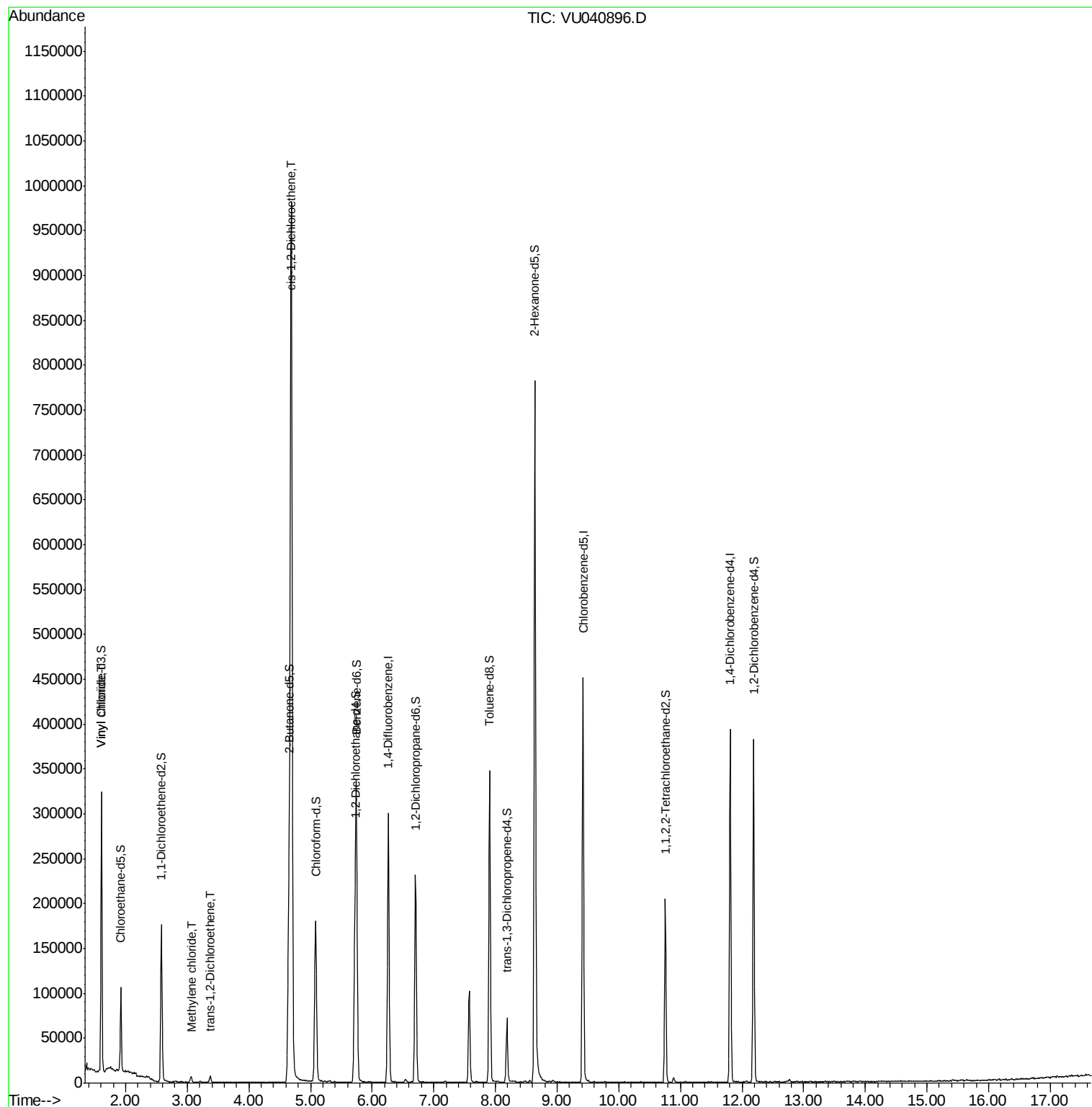
					Ovalue
5) Vinyl chloride	1.61	62	149608	6.658 ug/L	98
16) Methylene chloride	3.06	84	2680	0.136 ug/L	90
18) trans-1,2-Dichloroethene	3.37	96	2324	0.140 ug/L	85
22) cis-1,2-Dichloroethene	4.69	96	448653	24.528 ug/L	96

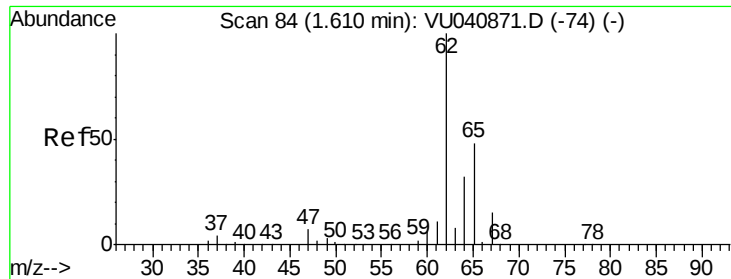
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 6.658 ug/L

RT: 1.61 min Scan# 84

Delta R.T. -0.00 min

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Instrument :

MSVOA_U

ClientSampleID :

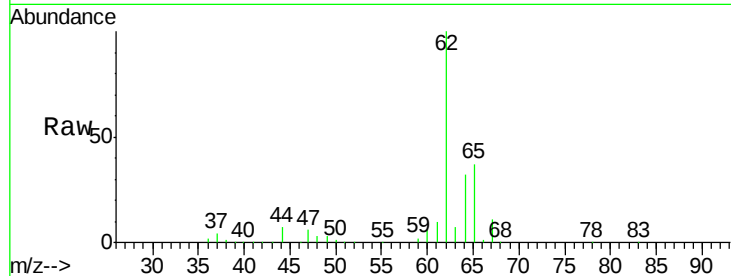
ETZ56DL

Tot Ion: 62 Resp: 149608

Ion Ratio Lower Upper

62 100

64 32.0 21.8 40.6



Abundance Ion 62.00 (61.70 to 62.70): VU0

Ion 64.10 (63.80 to 64.80): VU0

1.61

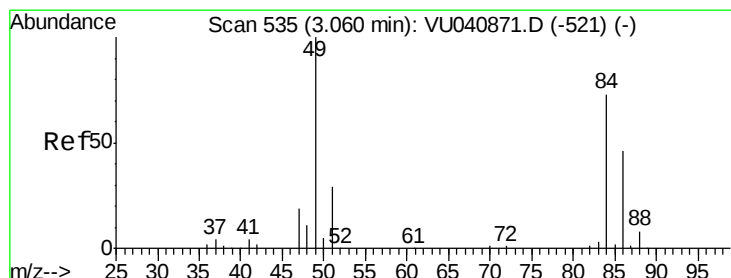
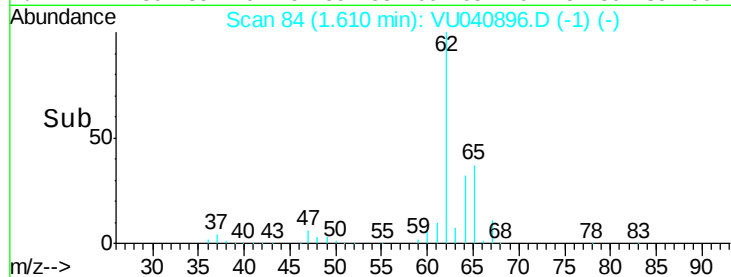
150000

100000

50000

0

Time-->



#16

Methylene chloride

Concen: 0.136 ug/L

RT: 3.06 min Scan# 536

Delta R.T. 0.00 min

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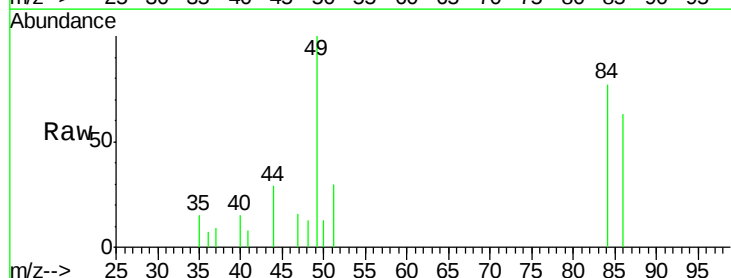
Tgt Ion: 84 Resp: 2680

Ion Ratio Lower Upper

84 100

86 81.2 44.9 83.5

49 129.7 94.7 175.9



Abundance Ion 84.05 (83.75 to 84.75): VU0

Ion 86.00 (85.70 to 86.70): VU0

Ion 49.10 (48.80 to 49.80): VU0

2000

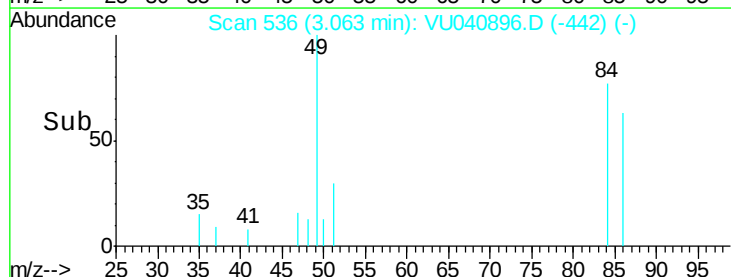
1500

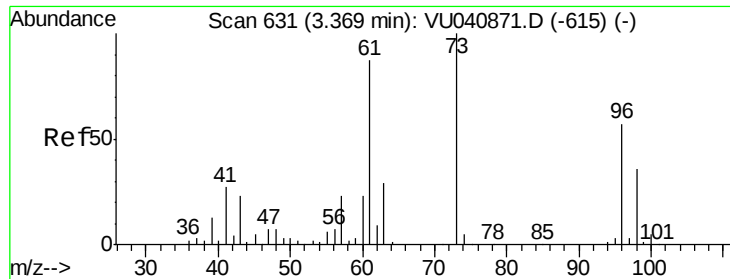
1000

500

0

Time-->





#18

trans-1,2-Dichloroethene

Concen: 0.140 ug/L

RT: 3.37 min Scan# 632

Delta R.T. 0.00 min

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Instrument :

MSVOA_U

ClientSampled :

ETZ56DL

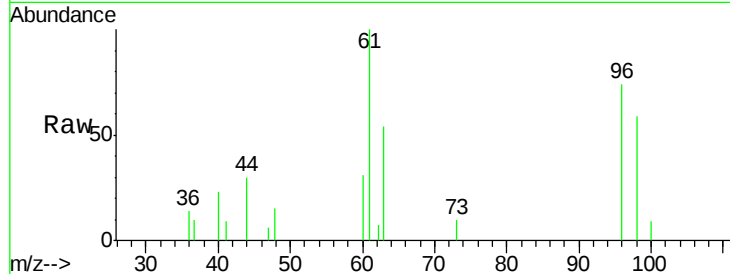
Tot Ion: 96 Resp: 2324

Ion Ratio Lower Upper

96 100

61 135.4 107.9 200.3

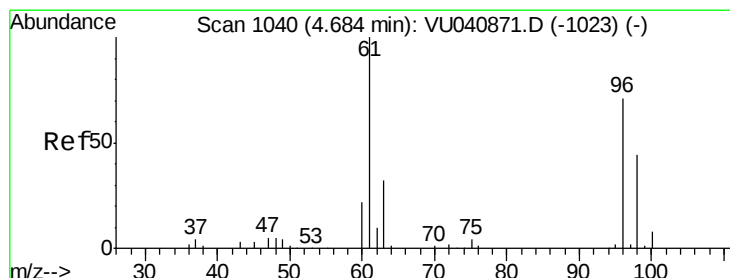
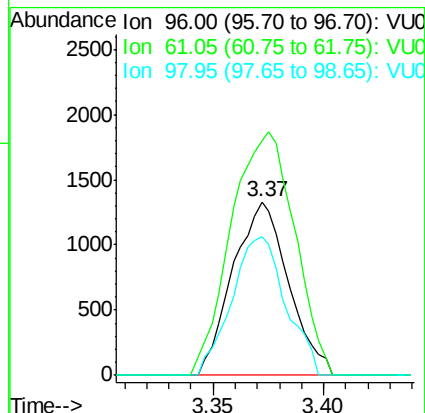
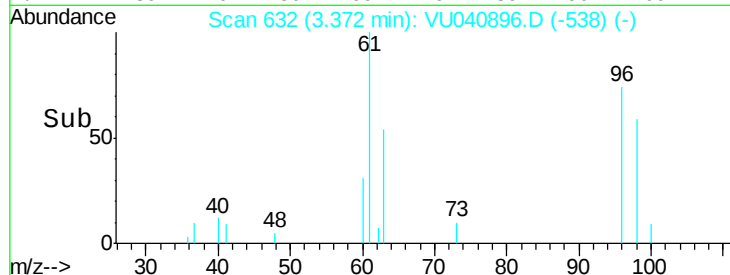
98 80.2 47.5 88.1



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: 24.528 ug/L

RT: 4.69 min Scan# 1041

Delta R.T. 0.00 min

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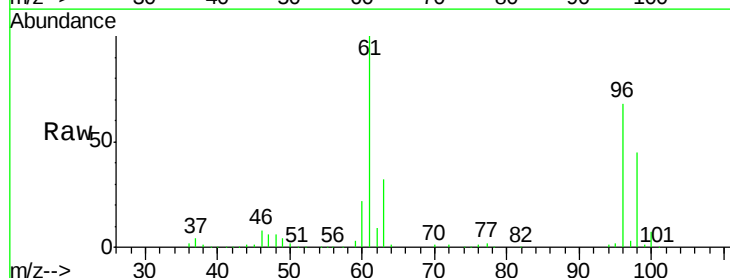
Tgt Ion: 96 Resp: 448653

Ion Ratio Lower Upper

96 100

61 148.0 100.0 185.6

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

