

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU111920\
 Data File : VU041352.D
 Acq On : 19 Nov 2020 18:48
 Operator : SY/MD
 Sample : L4790-16DL 5X
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 H4402DL

Quant Time: Nov 20 07:41:57 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR111620WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Nov 20 05:56:10 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	59438	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	61819	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	23916	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	14713	3.36	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	67.20%
7) Chloroethane-d5	1.92	69	14788	3.95	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	79.00%
11) 1,1-Dichloroethene-d2	2.58	63	23751	2.63	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	52.60%#
20) 2-Butanone-d5	4.66	46	94254	52.29	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	104.58%
24) Chloroform-d	5.08	84	43559	4.60	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.00%
26) 1,2-Dichloroethane-d4	5.72	65	28179	4.57	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.40%
32) Benzene-d6	5.74	84	68320	4.10	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	82.00%
36) 1,2-Dichloropropane-d6	6.70	67	26064	4.54	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	90.80%
41) Toluene-d8	7.91	98	49287	3.14	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	62.80%#
43) trans-1,3-Dichloropropene-	8.19	79	9036	3.65	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	73.00%
46) 2-Hexanone-d5	8.64	63	61032	46.23	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	92.46%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	26190	4.70	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.00%
64) 1,2-Dichlorobenzene-d4	12.19	152	23364	5.01	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.20%

Target Compounds

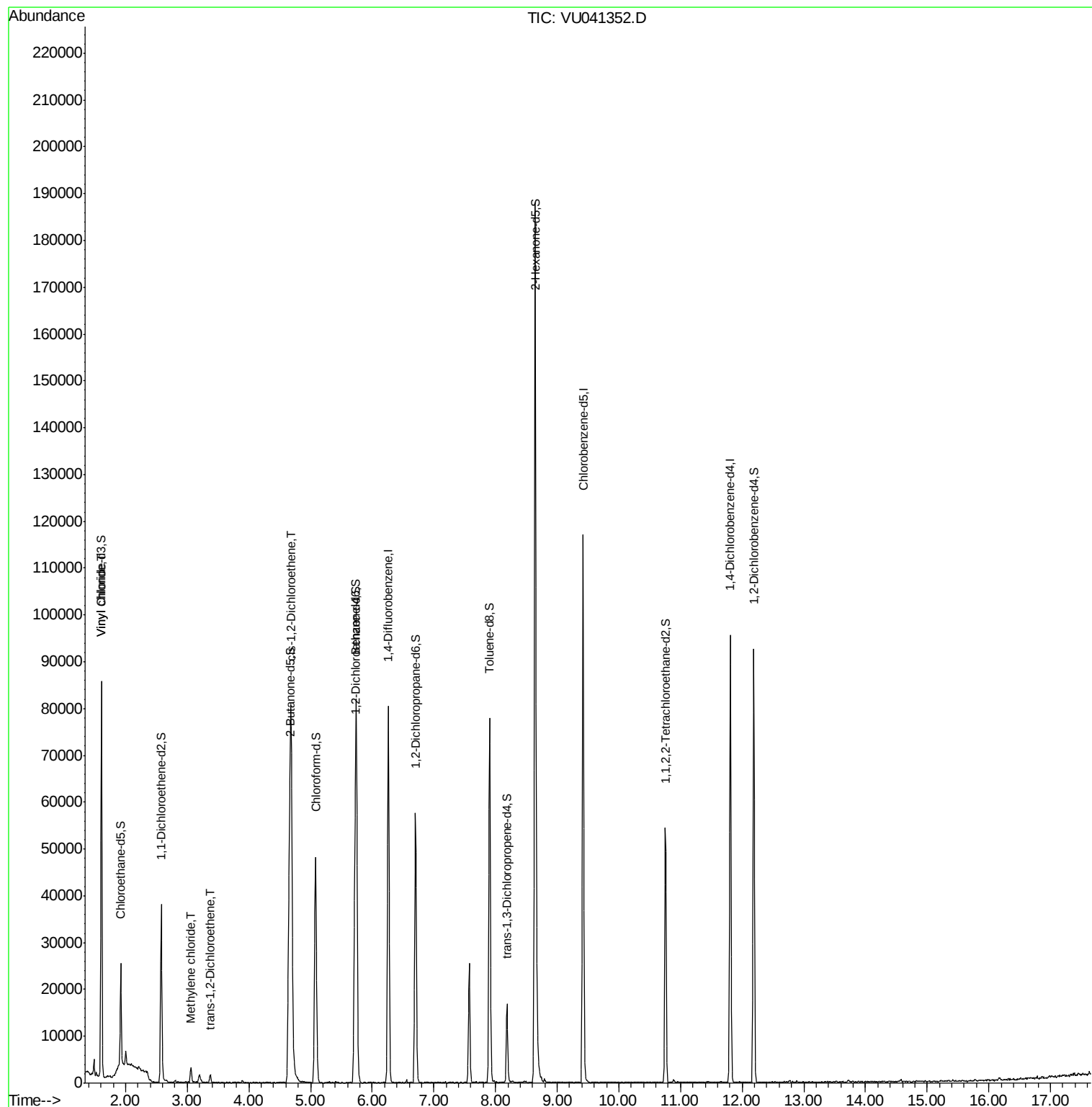
					Ovalue
5) Vinyl chloride	1.61	62	43067	8.346 ug/L	99
16) Methylene chloride	3.06	84	1281	0.264 ug/L	94
18) trans-1,2-Dichloroethene	3.36	96	362	0.096 ug/L	80
22) cis-1,2-Dichloroethene	4.69	96	26708	6.276 ug/L	99

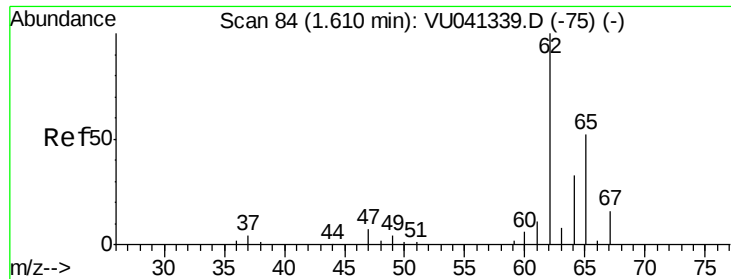
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 8.346 ug/L

RT: 1.61 min Scan# 84

Delta R.T. 0.00 min

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Instrument :

MSVOA_U

ClientSampleID :

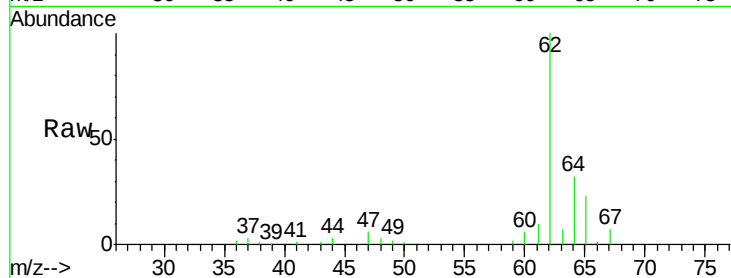
H4402DL

Tot Ion: 62 Resp: 43067

Ion Ratio Lower Upper

62 100

64 32.1 22.7 42.3



Abundance Ion 62.00 (61.70 to 62.70): VU0

Ion 64.10 (63.80 to 64.80): VU0

1.61

40000

30000

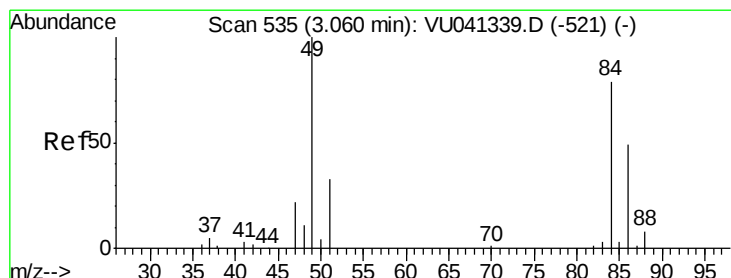
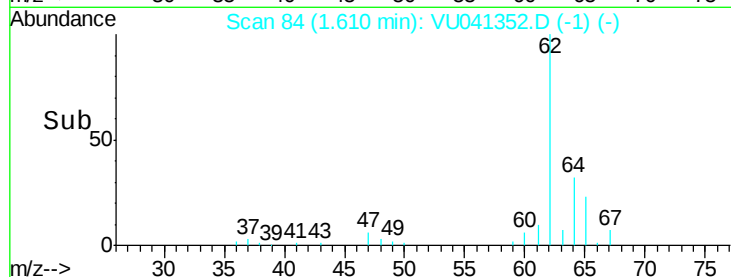
20000

10000

0

Time-->

1.55 1.60 1.65



#16

Methylene chloride

Concen: 0.264 ug/L

RT: 3.06 min Scan# 536

Delta R.T. 0.00 min

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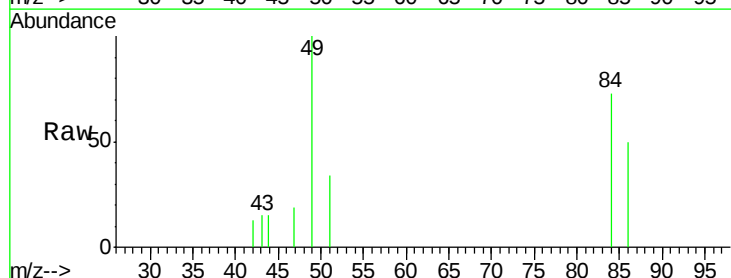
Tgt Ion: 84 Resp: 1281

Ion Ratio Lower Upper

84 100

86 69.0 42.8 79.6

49 137.6 99.5 184.7



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

3.06

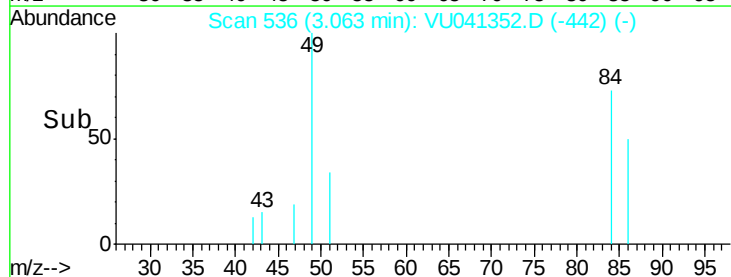
1000

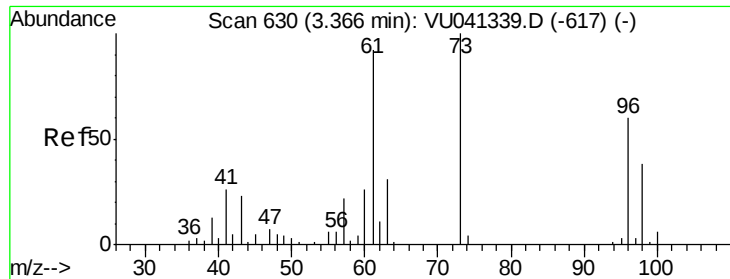
500

0

Time-->

3.05 3.10

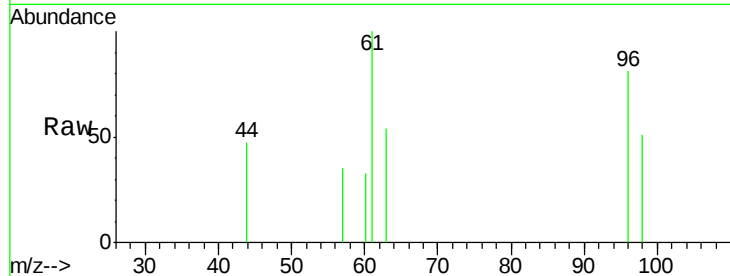




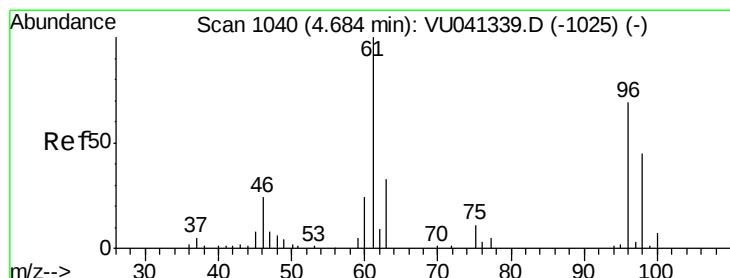
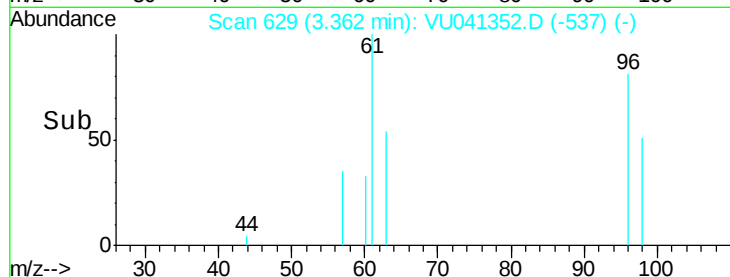
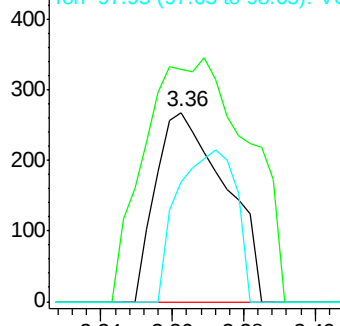
#18
trans-1,2-Dichloroethene
Concen: 0.096 ug/L
RT: 3.36 min Scan# 629
Delta R.T. -0.00 min
Lab File: VU041352.D
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Tot Ion: 96 Resp: 362
Ion Ratio Lower Upper
96 100
61 122.8 110.9 205.9
98 63.1 45.4 84.2

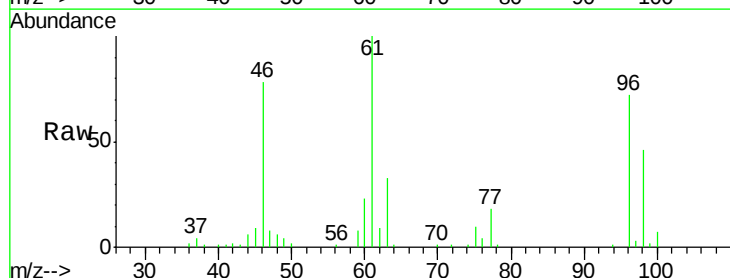


Abundance Ion 96.00 (95.70 to 96.70): VU0
Ion 61.05 (60.75 to 61.75): VU0
Ion 97.95 (97.65 to 98.65): VU0



#22
cis-1,2-Dichloroethene
Concen: 6.276 ug/L
RT: 4.69 min Scan# 1041
Delta R.T. 0.00 min
Lab File: VU041352.D
Acq: 19 Nov 2020 18:48

Tgt Ion: 96 Resp: 26708
Ion Ratio Lower Upper
96 100
61 139.8 97.2 180.4
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

