

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU111920\
 Data File : VU041349.D
 Acq On : 19 Nov 2020 17:37
 Operator : SY/MD
 Sample : L4790-09DL 10X
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 H4424DL

Quant Time: Nov 20 07:25:56 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	59555	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	62035	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	24048	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	14900	3.40	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	68.00%
7) Chloroethane-d5	1.92	69	14957	3.99	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	79.80%
11) 1,1-Dichloroethene-d2	2.58	63	25165	2.78	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	55.60%#
20) 2-Butanone-d5	4.66	46	88808	49.17	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	98.34%
24) Chloroform-d	5.08	84	43458	4.58	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.60%
26) 1,2-Dichloroethane-d4	5.72	65	27445	4.44	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.80%
32) Benzene-d6	5.74	84	67450	4.03	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	80.60%
36) 1,2-Dichloropropane-d6	6.70	67	25381	4.40	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	88.00%
41) Toluene-d8	7.91	98	50328	3.19	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	63.80%#
43) trans-1,3-Dichloropropene-	8.19	79	9463	3.81	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	76.20%
46) 2-Hexanone-d5	8.64	63	58143	43.88	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	87.76%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	24716	4.42	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	88.40%
64) 1,2-Dichlorobenzene-d4	12.19	152	22542	4.80	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.00%

Target Compounds

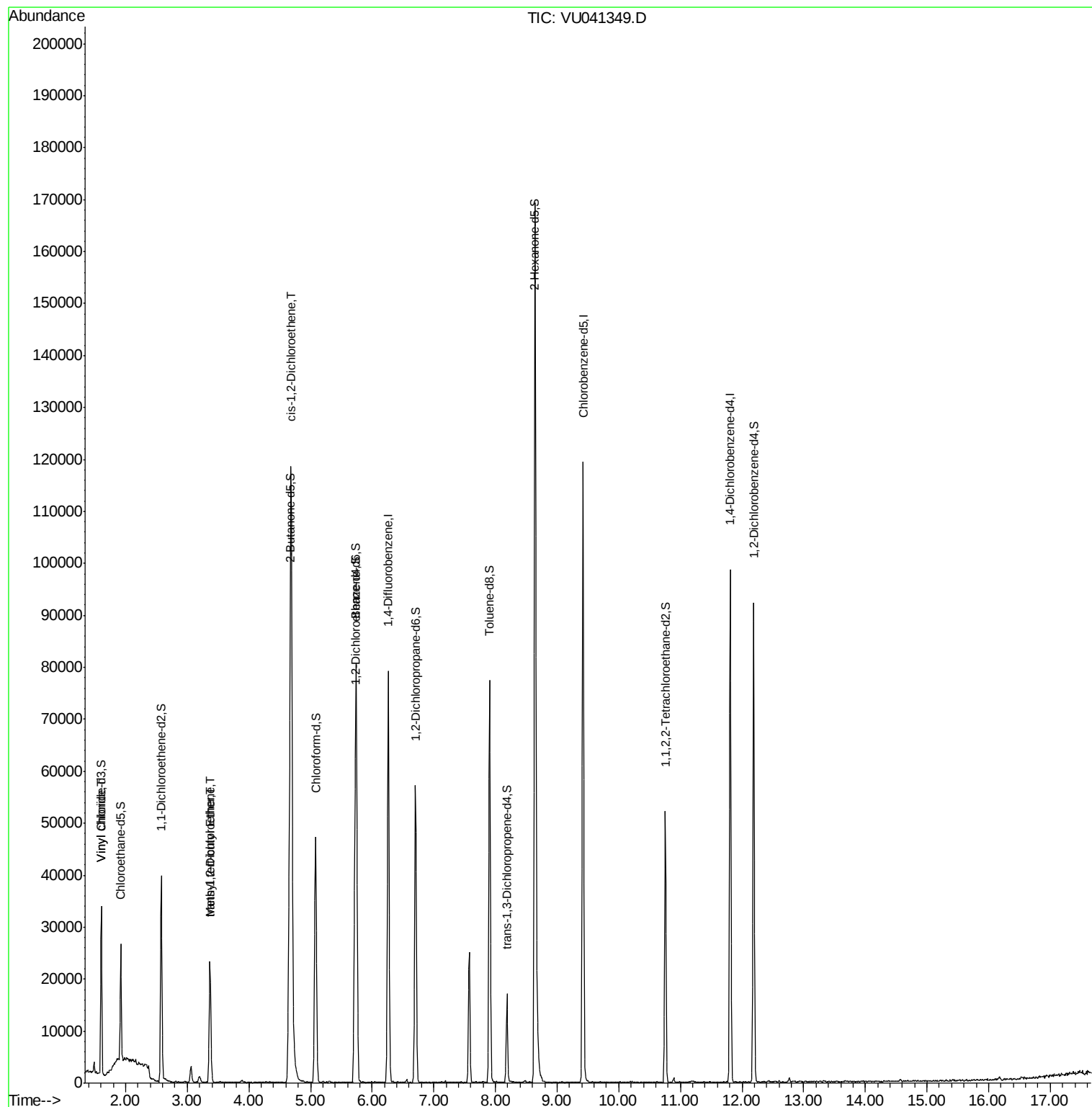
					Ovalue
5) Vinyl chloride	1.61	62	7694	1.488 ug/L	94
17) Methyl tert-butyl Ether	3.38	73	2314	0.218 ug/L #	87
18) trans-1,2-Dichloroethene	3.37	96	8988	2.381 ug/L	93
22) cis-1,2-Dichloroethene	4.69	96	44410	10.415 ug/L	96

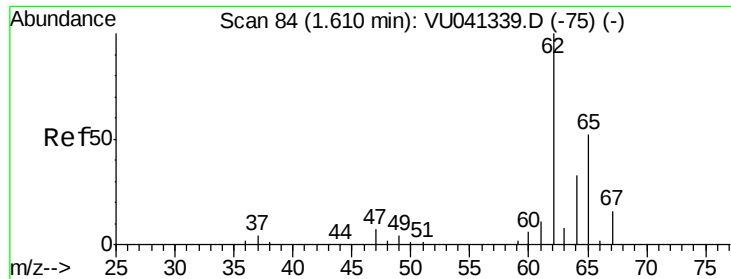
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 1.488 ug/L

RT: 1.61 min Scan# 84

Delta R.T. -0.00 min

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Instrument :

MSVOA_U

ClientSampleId :

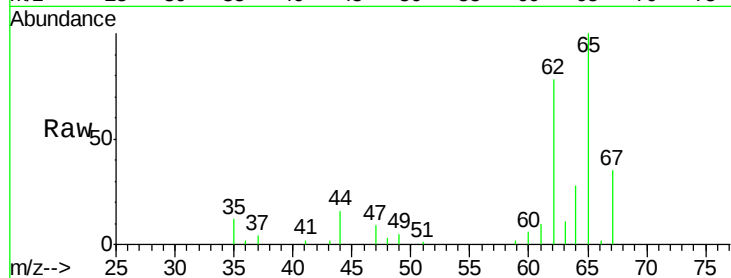
H4424DL

Tot Ion: 62 Resp: 7694

Ion Ratio Lower Upper

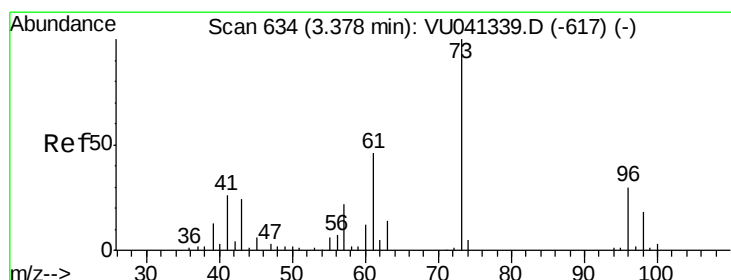
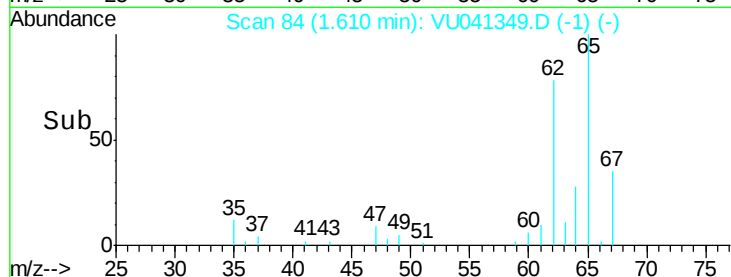
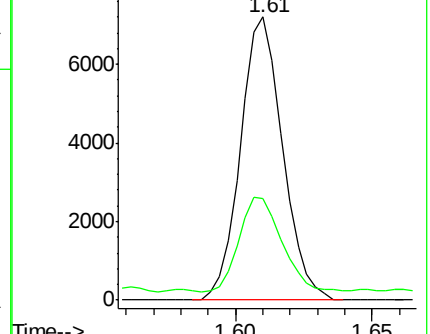
62 100

64 36.1 22.7 42.3



Abundance Ion 62.00 (61.70 to 62.70): VU0

Ion 64.10 (63.80 to 64.80): VU0



#17

Methyl tert-butyl Ether

Concen: 0.218 ug/L

RT: 3.38 min Scan# 634

Delta R.T. -0.00 min

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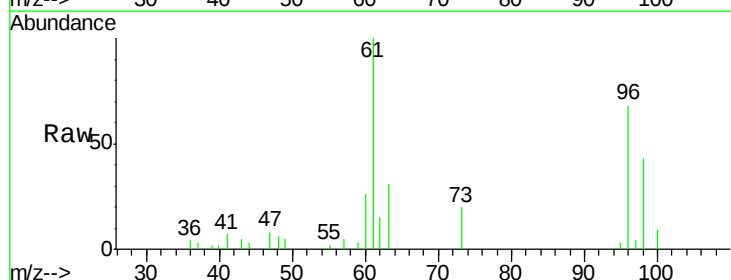
Tgt Ion: 73 Resp: 2314

Ion Ratio Lower Upper

73 100

43 13.9 18.5 27.7#

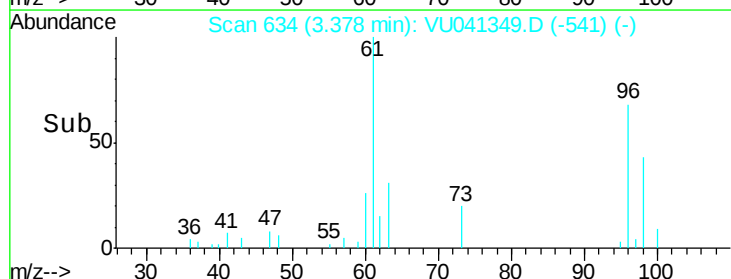
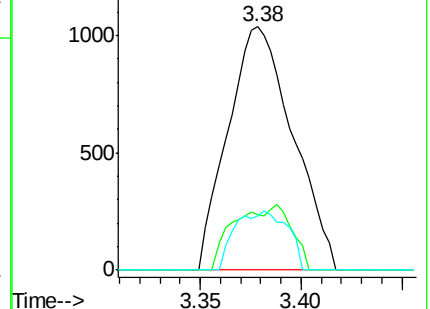
57 19.8 18.4 27.6

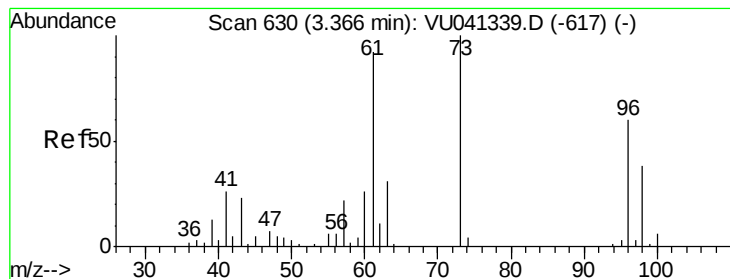


Abundance Ion 73.10 (72.80 to 73.80): VU0

Ion 43.05 (42.75 to 43.75): VU0

Ion 57.10 (56.80 to 57.80): VU0





#18

trans-1,2-Dichloroethene

Concen: 2.381 ug/L

RT: 3.37 min Scan# 630

Delta R.T. -0.00 min

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MSVOA_U

ClientSampled :

H4424DL

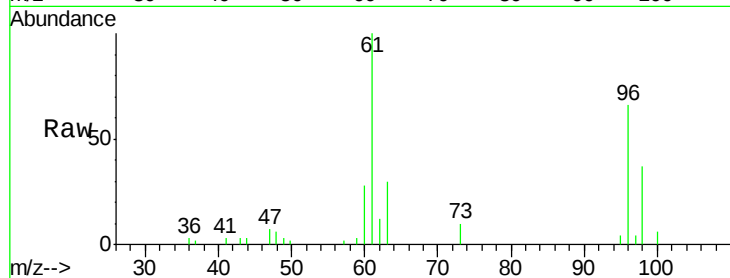
Tot Ion: 96 Resp: 8988

Ion Ratio Lower Upper

96 100

61 150.7 110.9 205.9

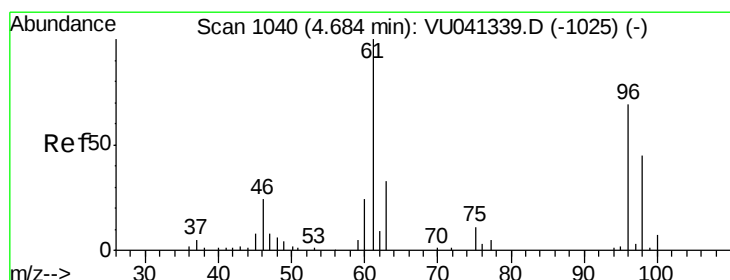
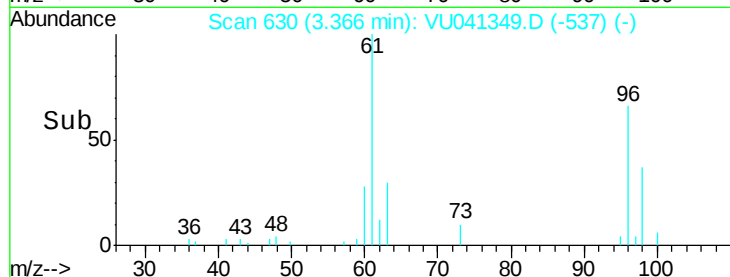
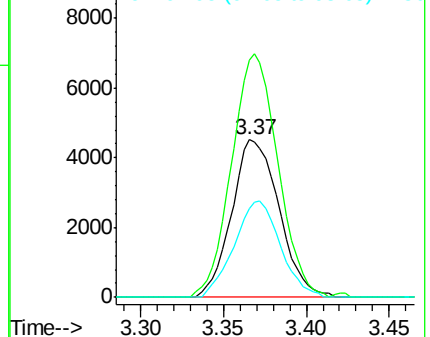
98 56.1 45.4 84.2



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: 10.415 ug/L

RT: 4.69 min Scan# 1041

Delta R.T. 0.00 min

Lab File: VU041349.D

Acq: 19 Nov 2020 17:37

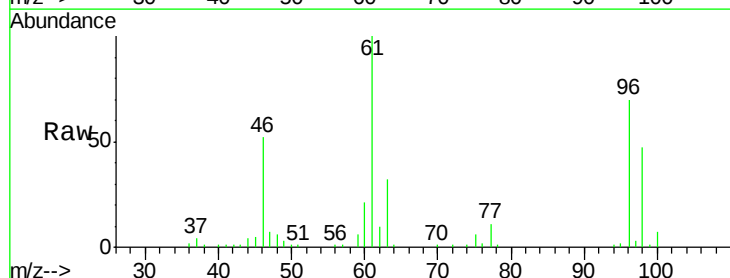
Tgt Ion: 96 Resp: 44410

Ion Ratio Lower Upper

96 100

61 143.6 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

