

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU112320\
 Data File : VU041402.D
 Acq On : 23 Nov 2020 21:02
 Operator : SY/MD
 Sample : L4849-11
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 H4401

Quant Time: Nov 24 03:12:54 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR112320WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Nov 24 01:52:19 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	63059	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	66856	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	27820	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	20243	4.57	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	91.40%
7) Chloroethane-d5	1.92	69	15098	4.85	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	97.00%
11) 1,1-Dichloroethene-d2	2.58	63	35837	4.12	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	82.40%
20) 2-Butanone-d5	4.67	46	73373	64.98	ug/L	0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	129.96%
24) Chloroform-d	5.08	84	43009	4.76	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.20%
26) 1,2-Dichloroethane-d4	5.72	65	27597	5.25	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.00%
32) Benzene-d6	5.74	84	72659	4.45	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.00%
36) 1,2-Dichloropropane-d6	6.70	67	26474	5.09	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	101.80%
41) Toluene-d8	7.91	98	68749	4.45	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.00%
43) trans-1,3-Dichloropropene-	8.19	79	10988	4.65	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	93.00%
46) 2-Hexanone-d5	8.64	63	44110	57.06	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	114.12%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	23777	5.61	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	112.20%
64) 1,2-Dichlorobenzene-d4	12.19	152	26321	5.68	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	113.60%

Target Compounds

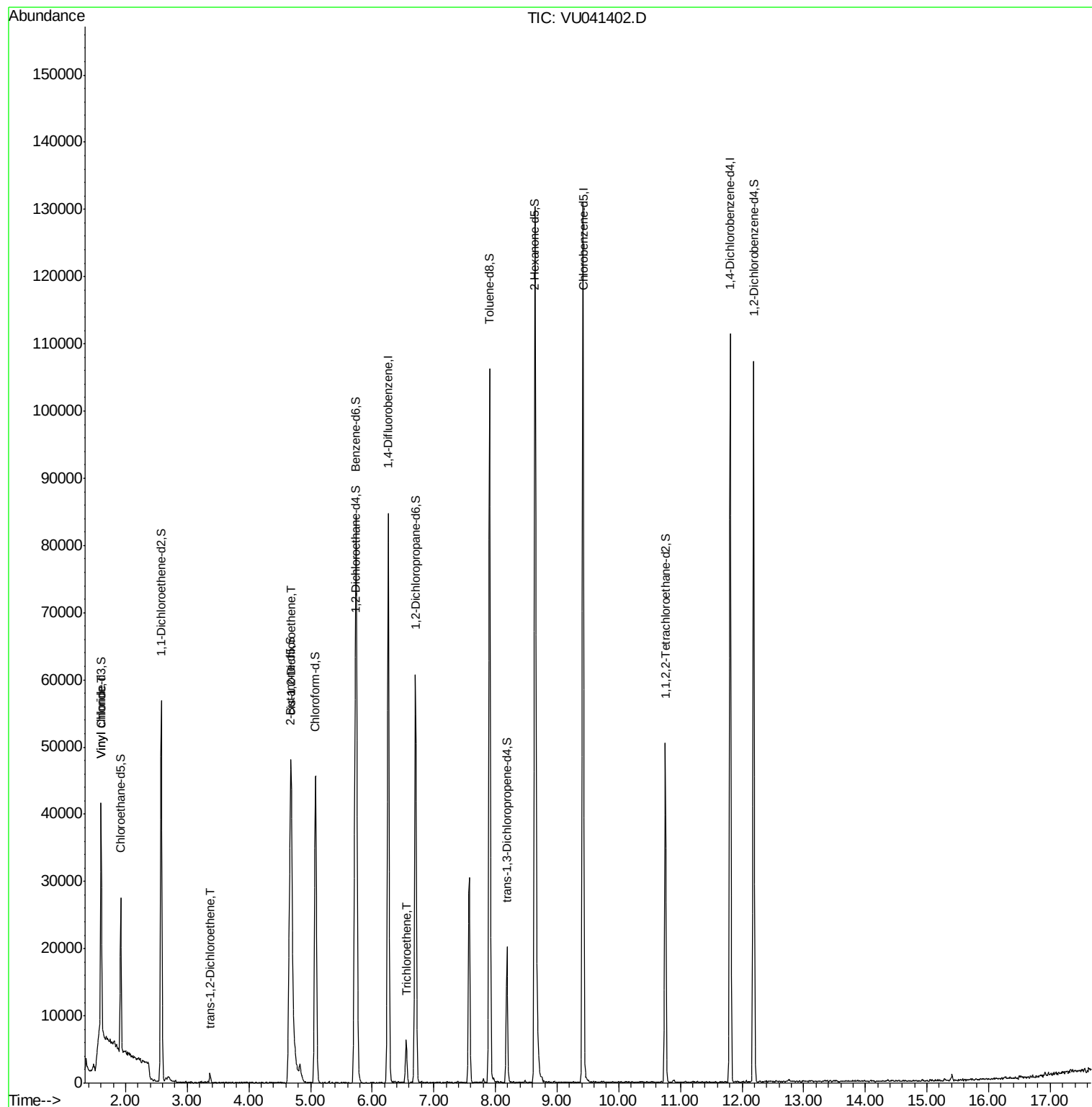
					Ovalue
5) Vinyl chloride	1.61	62	1697	0.308 ug/L	# 1
18) trans-1,2-Dichloroethene	3.37	96	528	0.125 ug/L	88
22) cis-1,2-Dichloroethene	4.69	96	13009	2.905 ug/L	98
34) Trichloroethene	6.55	95	2302	0.471 ug/L	94

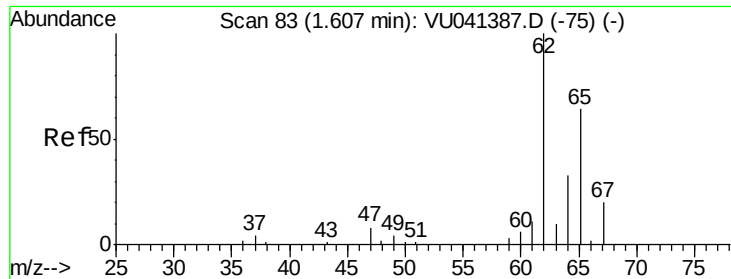
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 0.308 ug/L

RT: 1.61 min Scan# 83

Delta R.T. 0.00 min

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ClientSampleId :

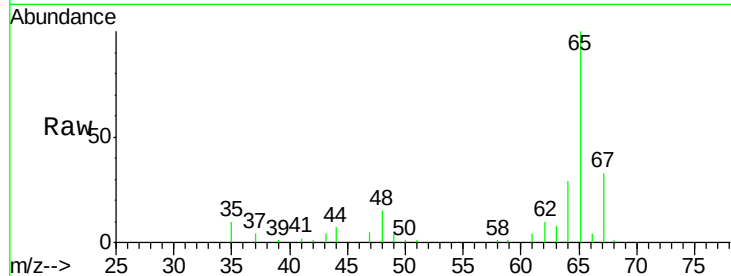
H4401

Tot Ion: 62 Resp: 1697

Ion Ratio Lower Upper

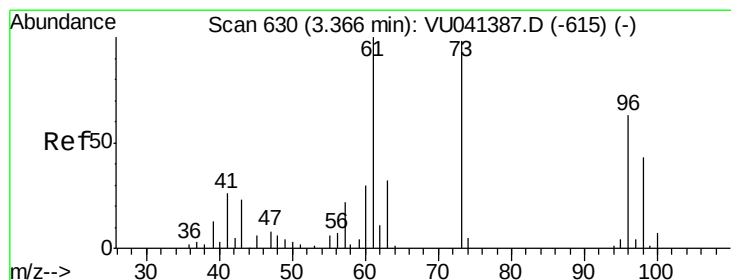
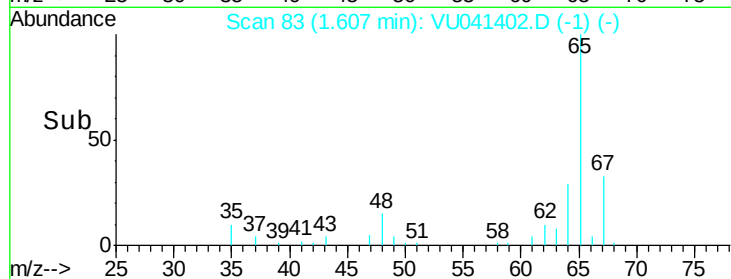
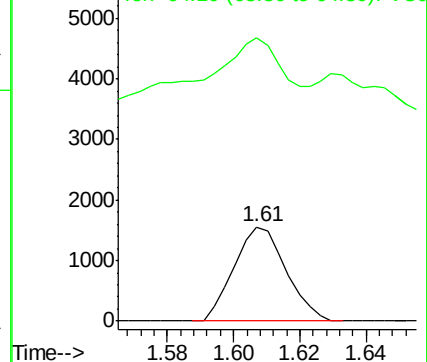
62 100

64 299.7 23.8 44.2#



Abundance Ion 62.00 (61.70 to 62.70): VU0

Ion 64.10 (63.80 to 64.80): VU0



#18

trans-1,2-Dichloroethene

Concen: 0.125 ug/L

RT: 3.37 min Scan# 632

Delta R.T. 0.01 min

Lab File: VU041402.D

Acq: 23 Nov 2020 21:02

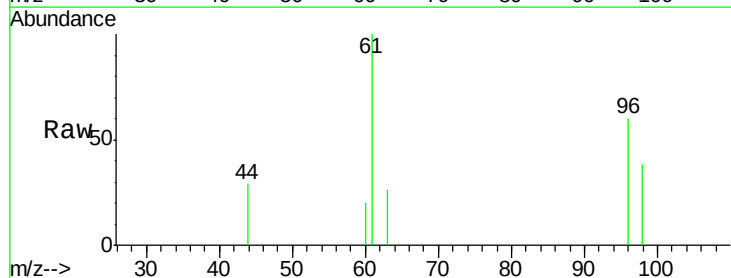
Tgt Ion: 96 Resp: 528

Ion Ratio Lower Upper

96 100

61 165.7 103.7 192.5

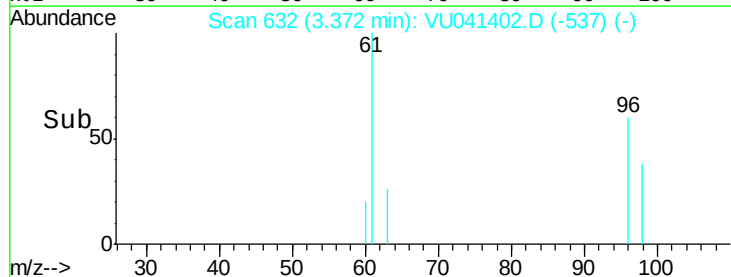
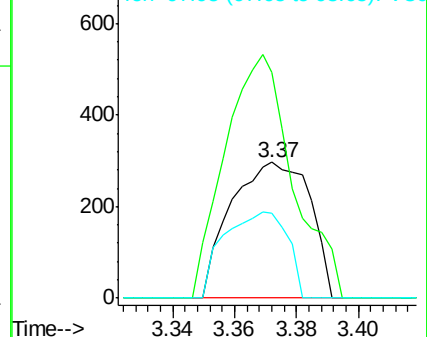
98 62.3 47.5 88.3

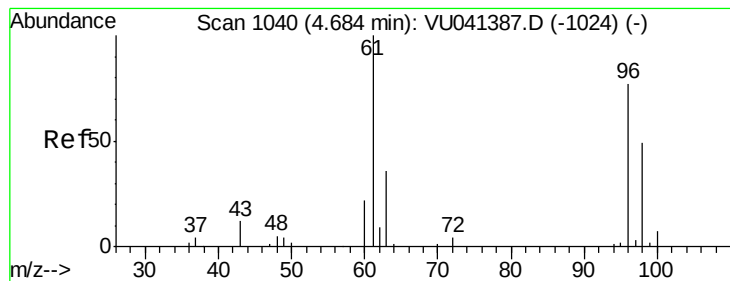


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.05 (60.75 to 61.75): VU0

Ion 97.95 (97.65 to 98.65): VU0





#22

cis-1,2-Dichloroethene

Concen: 2.905 ug/L

RT: 4.69 min Scan# 1041

Delta R.T. 0.00 min

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Acq: 23 Nov 2020 21:02

Instrument :

MSVOA_U

ClientSampled :

H4401

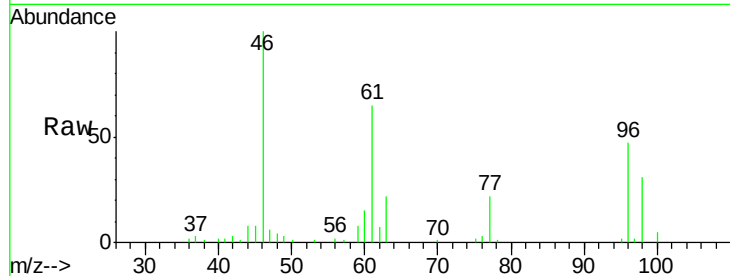
Tot Ion: 96 Resp: 13009

Ion Ratio Lower Upper

96 100

61 138.1 95.3 176.9

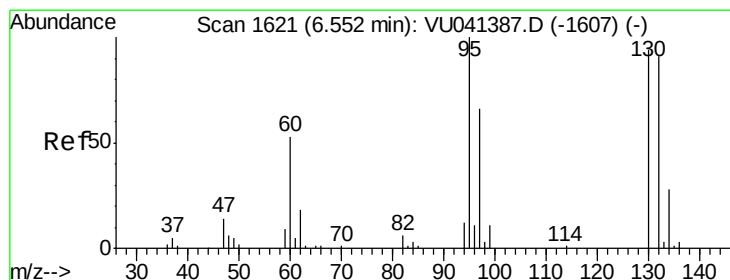
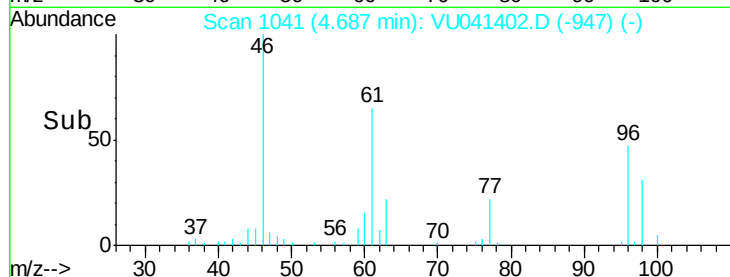
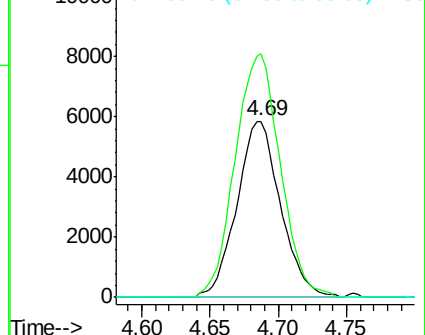
68 0.0 0.0 0.0



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



#34

Trichloroethene

Concen: 0.471 ug/L

RT: 6.55 min Scan# 1621

Delta R.T. 0.00 min

Lab File: VU041402.D

Acq: 23 Nov 2020 21:02

Tgt Ion: 95 Resp: 2302

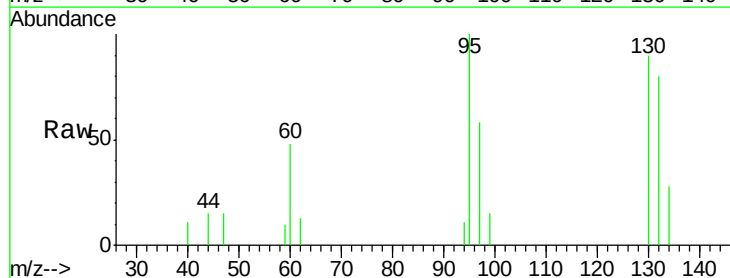
Ion Ratio Lower Upper

95 100

97 58.5 46.5 86.5

132 79.7 60.8 113.0

130 89.9 63.3 117.7



Abundance Ion 95.00 (94.70 to 95.70): VU0

Ion 96.95 (96.65 to 97.65): VU0

Ion 131.95 (131.65 to 132.65): V

Ion 129.95 (129.65 to 130.65): V

