

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU102120\
 Data File : VU040873.D
 Acq On : 21 Oct 2020 15:12
 Operator : SY/MD
 Sample : L4428-08DL 10X
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 ETZ34DL

Quant Time: Oct 22 01:10:30 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	242744	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	249677	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	109113	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	83503	5.02	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	100.40%
7) Chloroethane-d5	1.92	69	75149	5.18	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	103.60%
11) 1,1-Dichloroethene-d2	2.58	63	127548	3.60	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	72.00%
20) 2-Butanone-d5	4.65	46	370783	62.75	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	125.50%
24) Chloroform-d	5.08	84	175302	4.80	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.00%
26) 1,2-Dichloroethane-d4	5.72	65	110529	5.40	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	108.00%
32) Benzene-d6	5.74	84	315865	4.83	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.60%
36) 1,2-Dichloropropane-d6	6.70	67	108033	4.86	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.20%
41) Toluene-d8	7.91	98	251213	4.33	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.60%
43) trans-1,3-Dichloropropene-	8.19	79	46494	5.23	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	104.60%
46) 2-Hexanone-d5	8.64	63	277454	62.05	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	124.10%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	104855	5.55	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	111.00%
64) 1,2-Dichlorobenzene-d4	12.19	152	106015	5.53	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	110.60%

Target Compounds

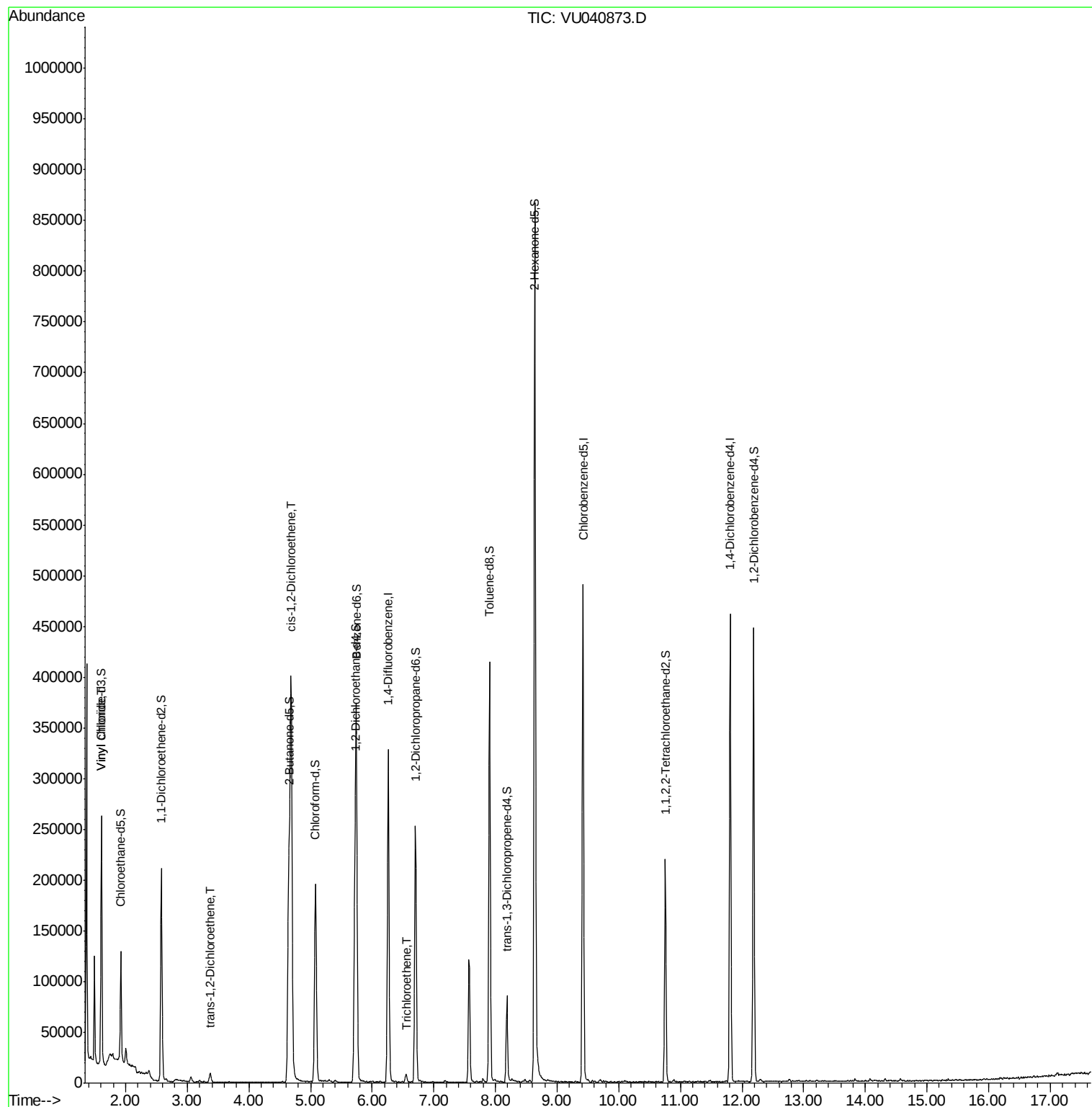
					Ovalue
5) Vinyl chloride	1.61	62	87323	3.511 ug/L	93
18) trans-1,2-Dichloroethene	3.37	96	2299	0.125 ug/L	93
22) cis-1,2-Dichloroethene	4.69	96	168645	8.330 ug/L	94
34) Trichloroethene	6.55	95	2326	0.114 ug/L	83

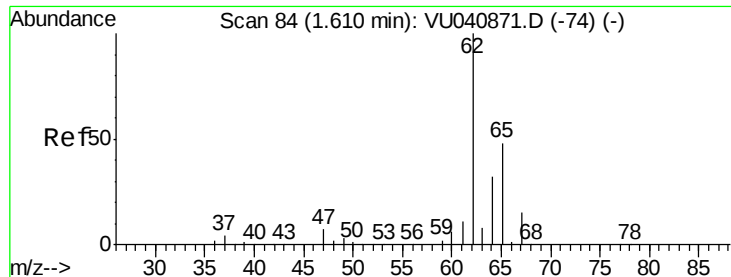
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 3.511 ug/L

RT: 1.61 min Scan# 84

Delta R.T. -0.00 min

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MSVOA_U

ClientSampleId :

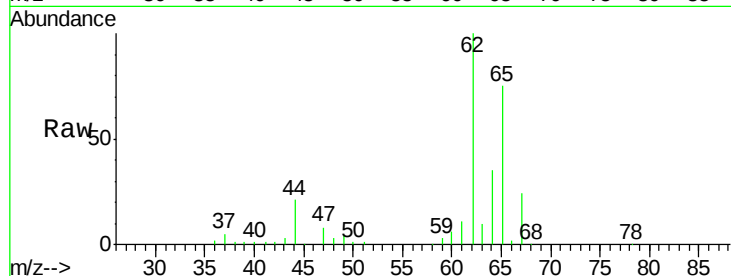
ETZ34DL

Tot Ion: 62 Resp: 87323

Ion Ratio Lower Upper

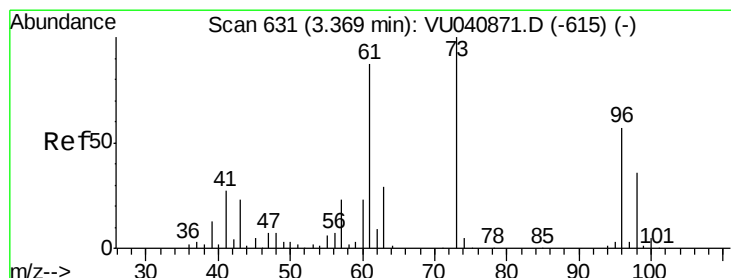
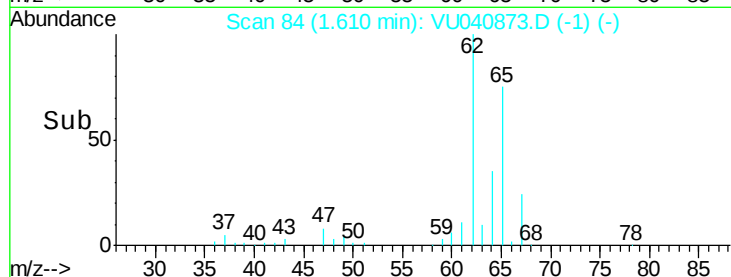
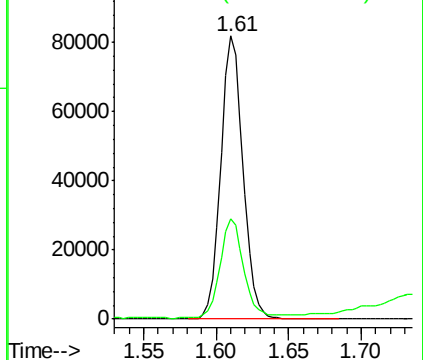
62 100

64 35.3 21.8 40.6



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. 0.00 min

Lab File: VU040873.D

Acq: 21 Oct 2020 15:12

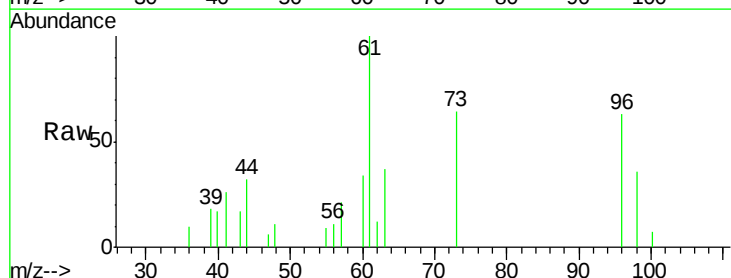
Tgt Ion: 96 Resp: 2299

Ion Ratio Lower Upper

96 100

61 158.6 107.9 200.3

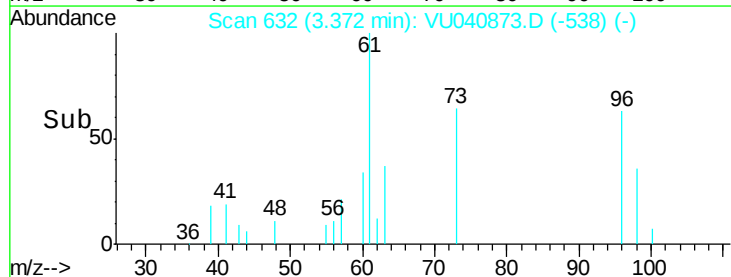
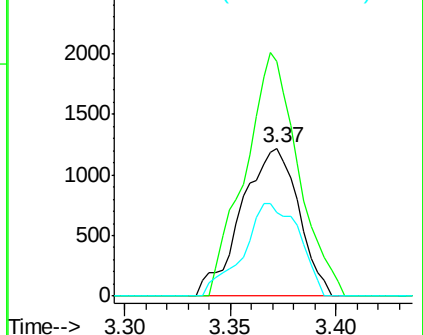
98 56.8 47.5 88.1

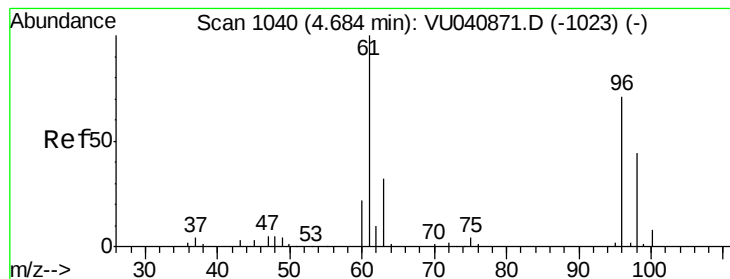


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.05 (60.75 to 61.75): VU0

Ion 97.95 (97.65 to 98.65): VU0





#22

cis-1,2-Dichloroethene

Concen: 8.330 ug/L

RT: 4.69 min Scan# 1041

Delta R.T. 0.00 min

Lab File: VU040873.D

Acq: 21 Oct 2020 15:12

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ETZ34DL

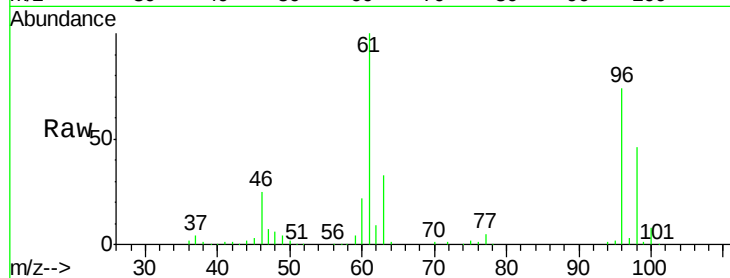
Tot Ion: 96 Resp: 168645

Ion Ratio Lower Upper

96 100

61 135.9 100.0 185.6

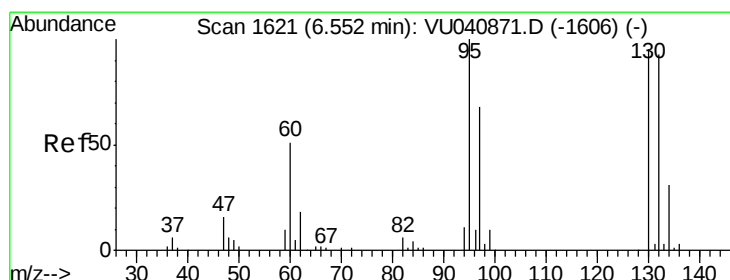
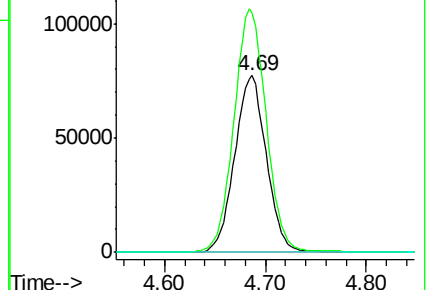
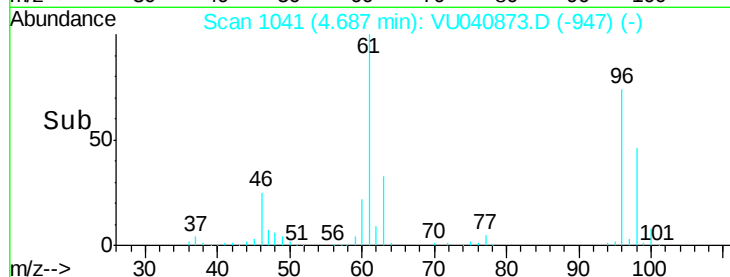
68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VU040873.D (-1023) (-)

Ion 61.05 (60.75 to 61.75): VU040873.D (-1023) (-)

Ion 68.15 (67.85 to 68.85): VU040873.D (-1023) (-)



#34

Trichloroethene

Concen: 0.114 ug/L

RT: 6.55 min Scan# 1620

Delta R.T. -0.00 min

Lab File: VU040873.D

Acq: 21 Oct 2020 15:12

Tgt Ion: 95 Resp: 2326

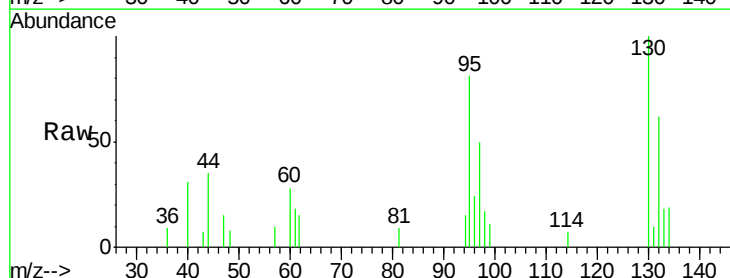
Ion Ratio Lower Upper

95 100

97 61.5 46.0 85.4

132 76.8 63.6 118.2

130 123.8 68.6 127.4



Abundance Ion 95.00 (94.70 to 95.70): VU040873.D (-1606) (-)

Ion 96.95 (96.65 to 97.65): VU040873.D (-1606) (-)

Ion 131.95 (131.65 to 132.65): VU040873.D (-1606) (-)

Ion 129.95 (129.65 to 130.65): VU040873.D (-1606) (-)

