

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU042420\
 Data File : VU037873.D
 Acq On : 24 Apr 2020 16:02
 Operator : JC/MD
 Sample : VIBLK
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Apr 25 01:16:09 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042320WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Apr 25 01:13:34 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	714921	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	684081	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	287809	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	124747	19.97	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	39.94%#
7) Chloroethane-d5	1.93	69	104431	21.57	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	43.14%#
11) 1,1-Dichloroethene-d2	2.59	63	159920	15.82	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	31.64%#
21) 2-Butanone-d5	4.66	46	228002	46.07	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	46.07%
24) Chloroform-d	5.10	84	206777	21.73	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	43.46%#
26) 1,2-Dichloroethane-d4	5.74	65	148870	22.60	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	45.20%#
32) Benzene-d6	5.76	84	443932	22.95	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	45.90%#
36) 1,2-Dichloropropane-d6	6.72	67	152026	23.50	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	47.00%#
41) Toluene-d8	7.92	98	400692	22.54	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	45.08%#
43) trans-1,3-Dichloropropene-	8.20	79	75849	22.78	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	45.56%#
47) 2-Hexanone-d5	8.65	63	173861	49.36	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	49.36%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	205419	22.82	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	45.64%#
64) 1,2-Dichlorobenzene-d4	12.20	152	125564	22.42	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	44.84%#

Target Compounds

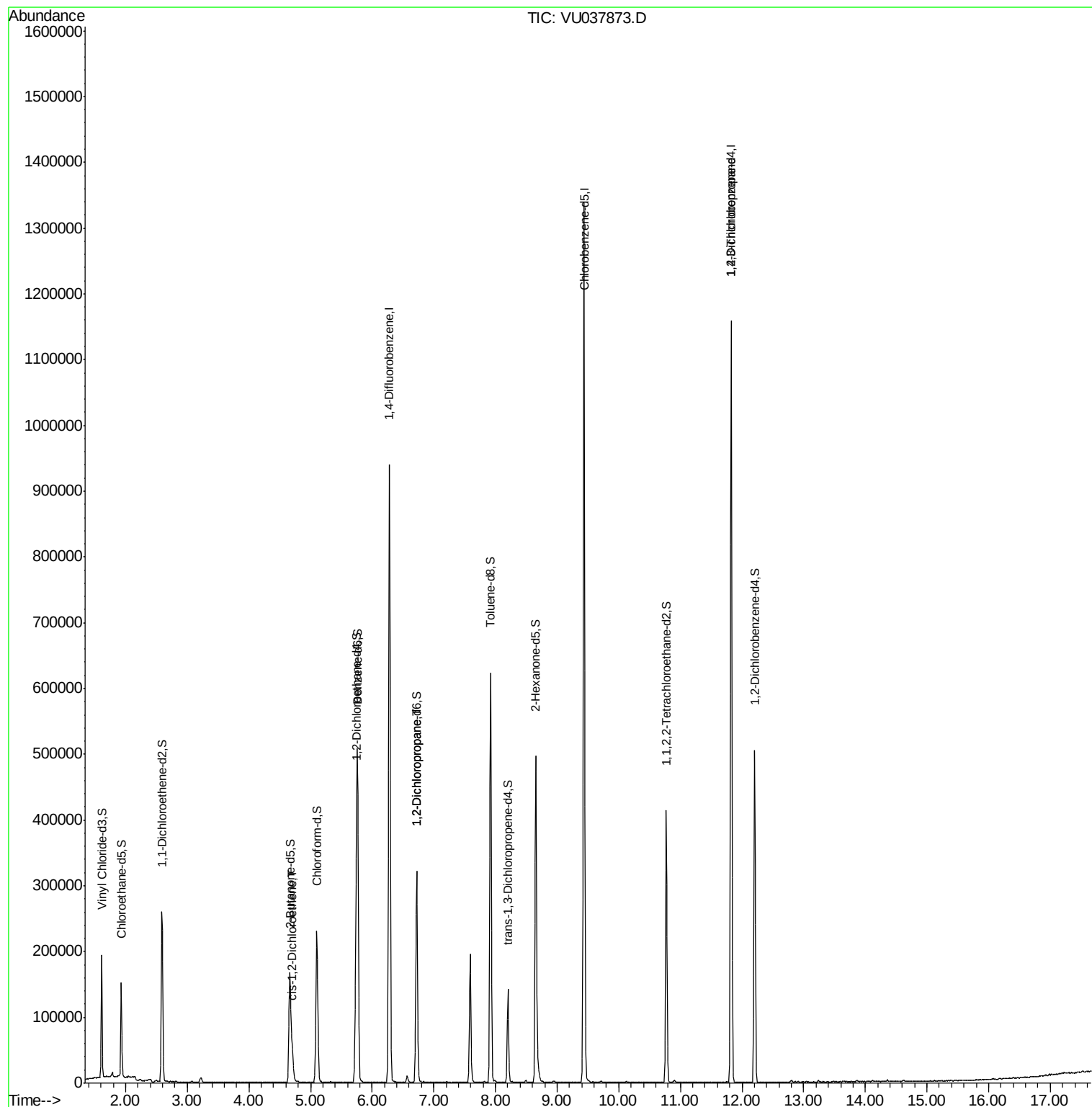
					Ovalue
20) cis-1,2-Dichloroethene	4.71	96	17859	3.361 ug/L	97
37) 1,2-Dichloropropane	6.72	63	15540	2.740 ug/L #	89
59) 1,2,3-Trichloropropane	11.82	75	37150	4.877 ug/L	91

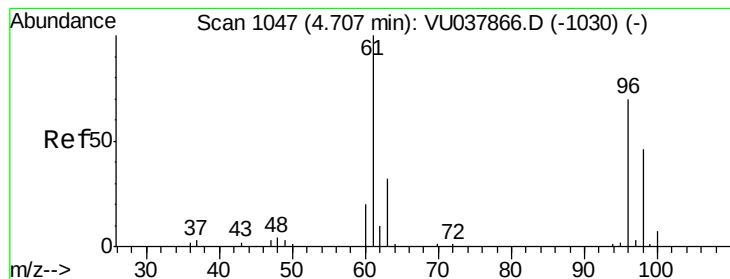
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#20

cis-1,2-Dichloroethene

Concen: 3.361 ug/L

RT: 4.71 min Scan# 1048

Delta R.T. 0.00 min

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ClientSampleId :

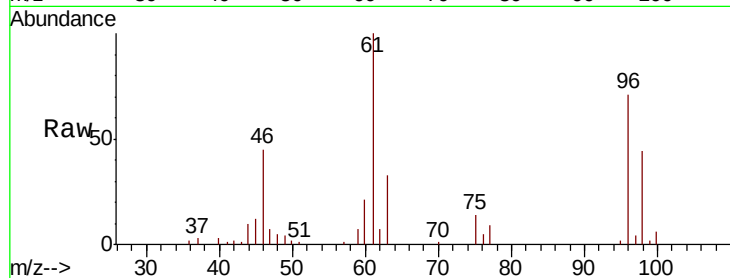
Tot Ion: 96 Resp: 17859

Ion Ratio Lower Upper

96 100

61 140.1 100.4 186.4

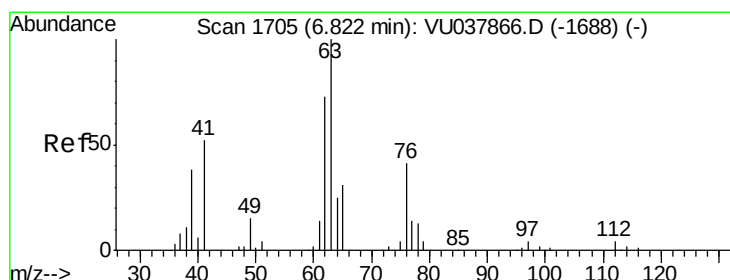
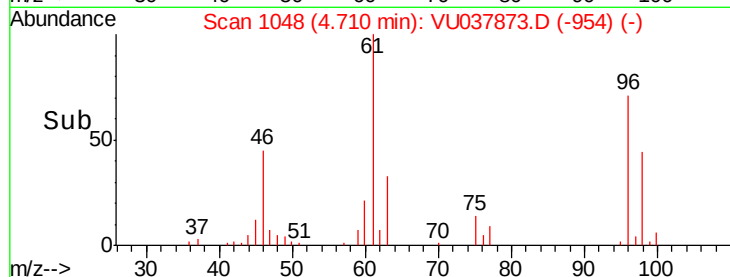
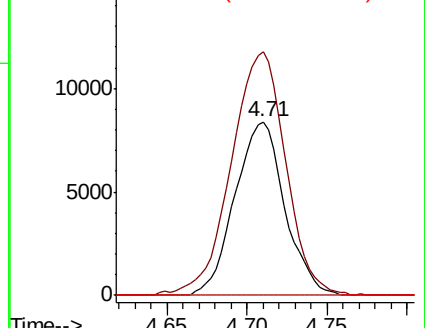
68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VU037866.D (-1030) (-)

Ion 61.00 (60.70 to 61.70): VU037866.D (-1030) (-)

Ion 68.00 (67.70 to 68.70): VU037866.D (-1030) (-)



#37

1,2-Dichloropropane

Concen: 2.740 ug/L

RT: 6.72 min Scan# 1674

Delta R.T. -0.10 min

Lab File: VU037873.D

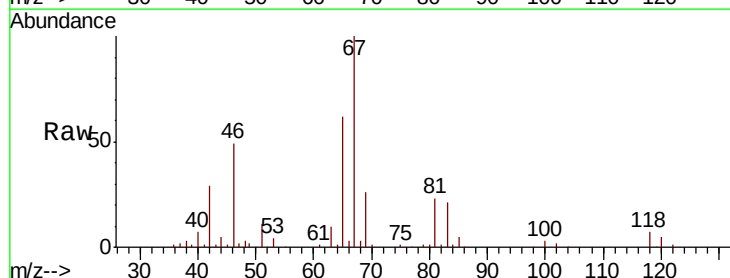
Acq: 24 Apr 2020 16:02

Tgt Ion: 63 Resp: 15540

Ion Ratio Lower Upper

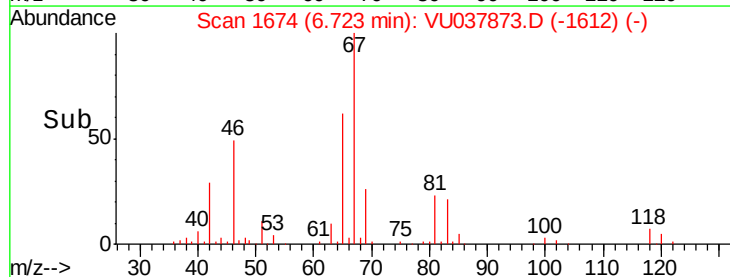
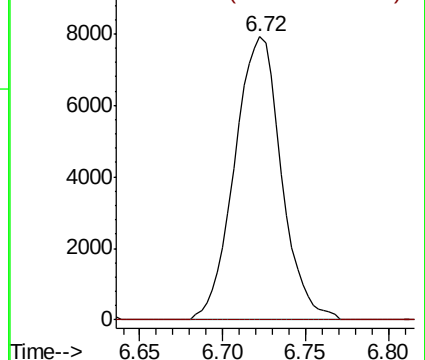
63 100

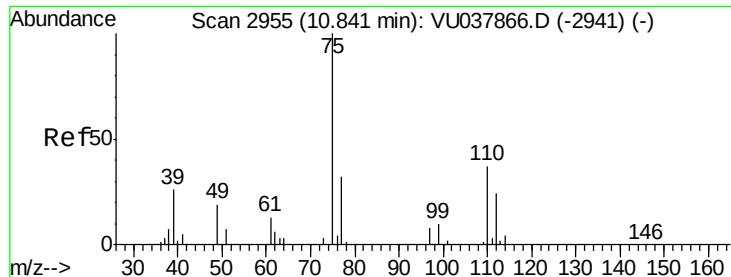
112 0.0 3.0 4.4#



Abundance Ion 63.00 (62.70 to 63.70): VU037866.D (-1688) (-)

Ion 112.00 (111.70 to 112.70): VU037866.D (-1688) (-)





#59

1,2,3-Trichloropropane

Concen: 4.877 ug/L

RT: 11.82 min Scan# 3260

Delta R.T. 0.98 min

Lab File: VU037873.D

Acq: 24 Apr 2020 16:02

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MSVOA_U

ClientSampleId :

Tot Ion: 75 Resp: 37150

Ion Ratio Lower Upper

75 100

77 37.5 25.8 38.6

