

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU052920\
 Data File : VU038372.D
 Acq On : 29 May 2020 11:22
 Operator : JC/MD
 Sample : L2793-04DL 20X
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0AA3DL

Quant Time: May 29 16:54:04 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM052820WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri May 29 04:31:03 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	618097	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	605228	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	280581	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	194491	50.13	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	100.26%
7) Chloroethane-d5	1.93	69	159771	53.30	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	106.60%
11) 1,1-Dichloroethene-d2	2.59	63	303657	38.29	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	76.58%
21) 2-Butanone-d5	4.66	46	397019	107.69	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	107.69%
24) Chloroform-d	5.10	84	382748	50.23	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.46%
26) 1,2-Dichloroethane-d4	5.74	65	261667	50.11	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.22%
32) Benzene-d6	5.76	84	804017	51.13	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.26%
36) 1,2-Dichloropropane-d6	6.72	67	246623	50.59	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	101.18%
41) Toluene-d8	7.92	98	701245	50.44	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.88%
43) trans-1,3-Dichloropropene-	8.20	79	120589	49.69	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	99.38%
47) 2-Hexanone-d5	8.65	63	290760	113.29	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	113.29%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	348625	48.32	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	96.64%
64) 1,2-Dichlorobenzene-d4	12.20	152	274789	52.84	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	105.68%

Target Compounds

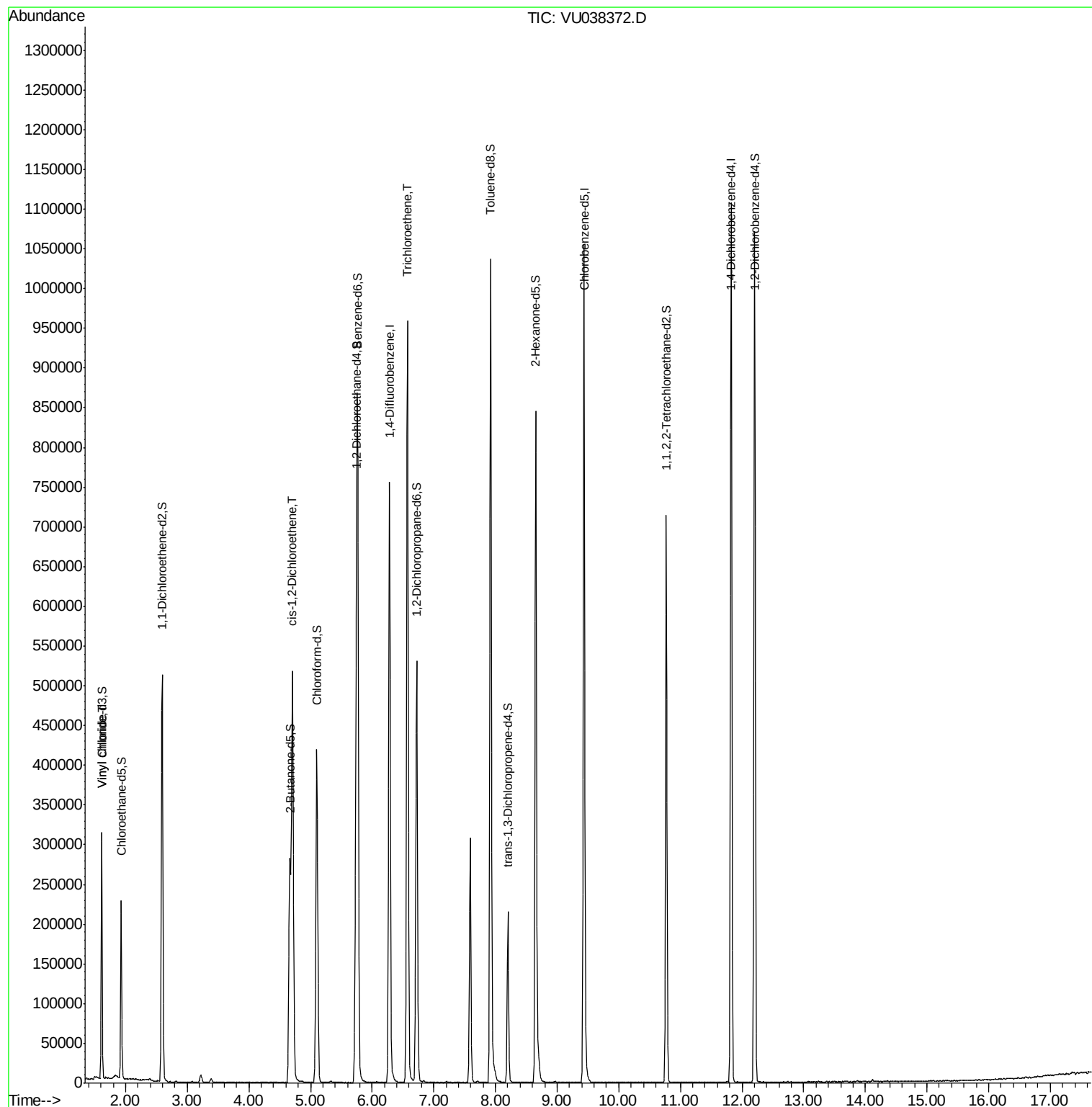
						Qvalue
5) Vinyl chloride	1.62	62	21309	4.50	ug/L	# 72
20) cis-1,2-Dichloroethene	4.71	96	256774	58.23	ug/L	97
34) Trichloroethene	6.57	95	328596	75.55	ug/L	98

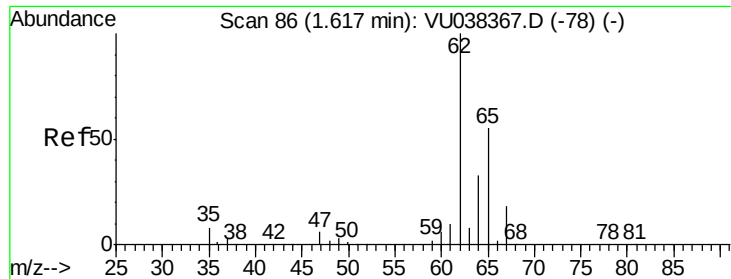
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 4.50 ug/L

RT: 1.62 min Scan# 86

Delta R.T. -0.00 min

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Instrument :

MSVOA_U

ClientSampleId :

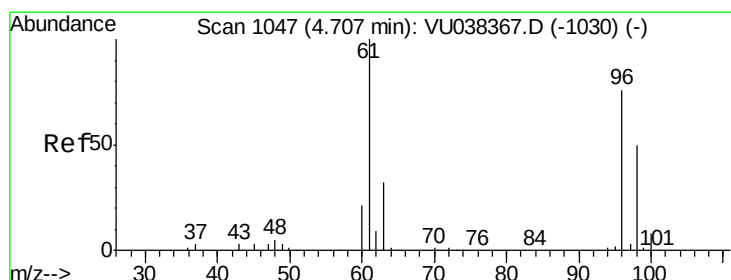
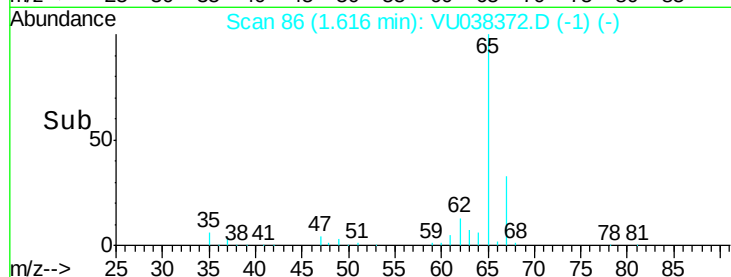
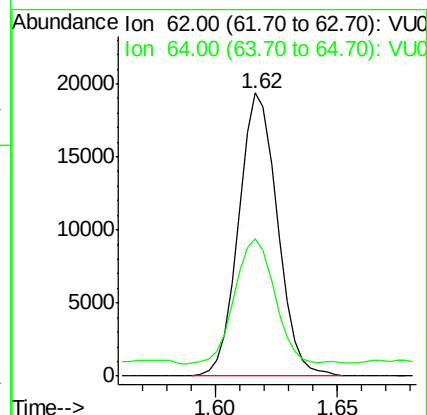
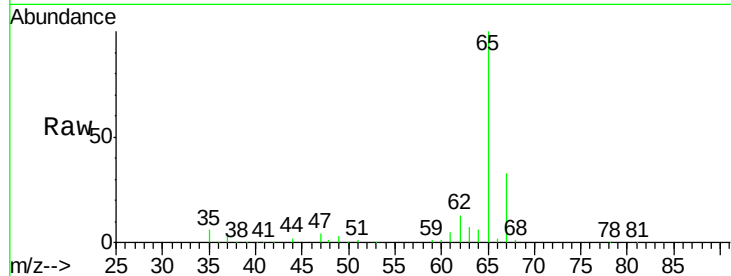
C0AA3DL

Tgt Ion: 62 Resp: 21309

Ion Ratio Lower Upper

62 100

64 48.8 23.2 43.0#



#20

cis-1,2-Dichloroethene

Concen: 58.23 ug/L

RT: 4.71 min Scan# 1047

Delta R.T. -0.00 min

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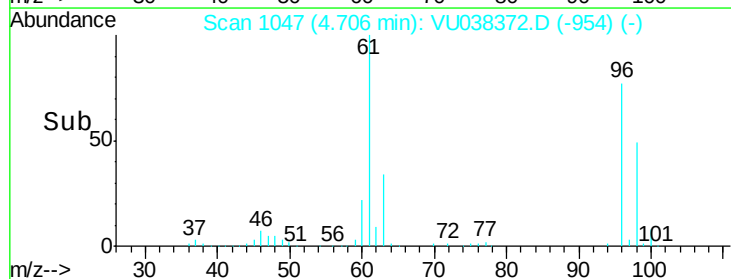
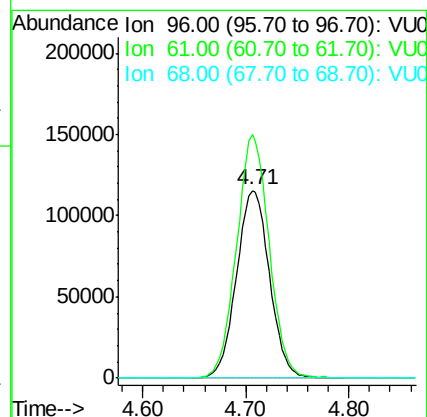
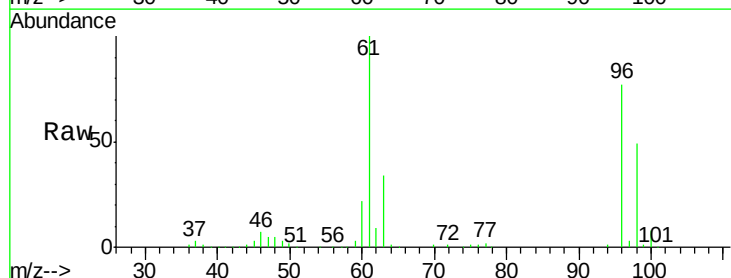
Tgt Ion: 96 Resp: 256774

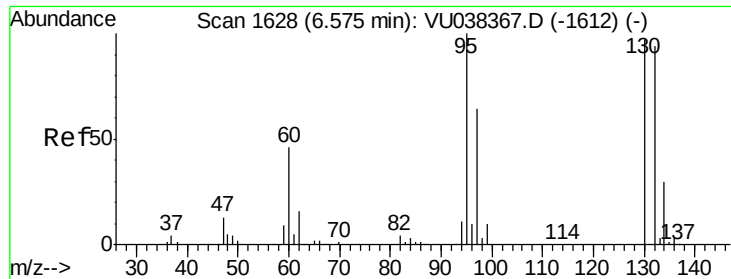
Ion Ratio Lower Upper

96 100

61 129.7 93.4 173.4

68 0.0 0.0 0.0





#34

Trichloroethene

Concen: 75.55 ug/L

RT: 6.57 min Scan# 1627

Delta R.T. -0.00 min

Lab File: VU038372.D

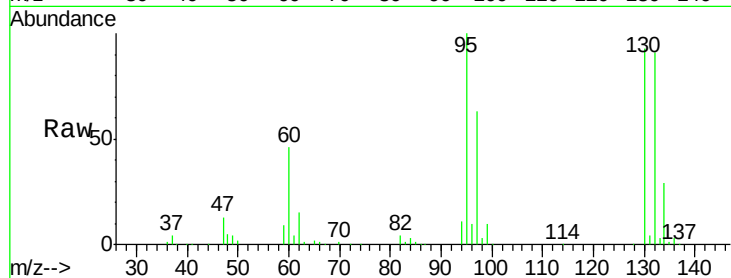
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C0AA3DL



Tgt Ion: 95 Resp: 328596

Ion Ratio Lower Upper

95 100

97 62.5 44.3 82.3

132 91.1 64.7 120.1

130 93.4 68.5 127.1

Abundance Ion 95.00 (94.70 to 95.70): VU0

Ion 97.00 (96.70 to 97.70): VU0

Ion 132.00 (131.70 to 132.70): V

Ion 130.00 (129.70 to 130.70): V

