

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU060420\
 Data File : VU038549.D
 Acq On : 04 Jun 2020 15:19
 Operator : SY/MD
 Sample : L2873-03DL 5X
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 ETTM8DL

Quant Time: Jun 05 02:48:00 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR053120WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Jun 05 01:11:12 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	300604	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	293338	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.82	152	140009	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	77691	3.99	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	79.80%
7) Chloroethane-d5	1.93	69	65653	4.39	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	87.80%
11) 1,1-Dichloroethene-d2	2.59	63	124357	3.25	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	65.00%
20) 2-Butanone-d5	4.68	46	314439	53.20	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	106.40%
24) Chloroform-d	5.10	84	175785	4.81	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.20%
26) 1,2-Dichloroethane-d4	5.74	65	103569	4.99	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.80%
32) Benzene-d6	5.76	84	351264	4.80	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.00%
36) 1,2-Dichloropropane-d6	6.72	67	107813	4.79	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.80%
41) Toluene-d8	7.92	98	298086	4.54	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.80%
43) trans-1,3-Dichloropropene-	8.20	79	42950	4.43	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.60%
46) 2-Hexanone-d5	8.66	63	262632	54.91	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	109.82%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	94808	4.96	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.20%
64) 1,2-Dichlorobenzene-d4	12.20	152	123277	5.11	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.20%

Target Compounds

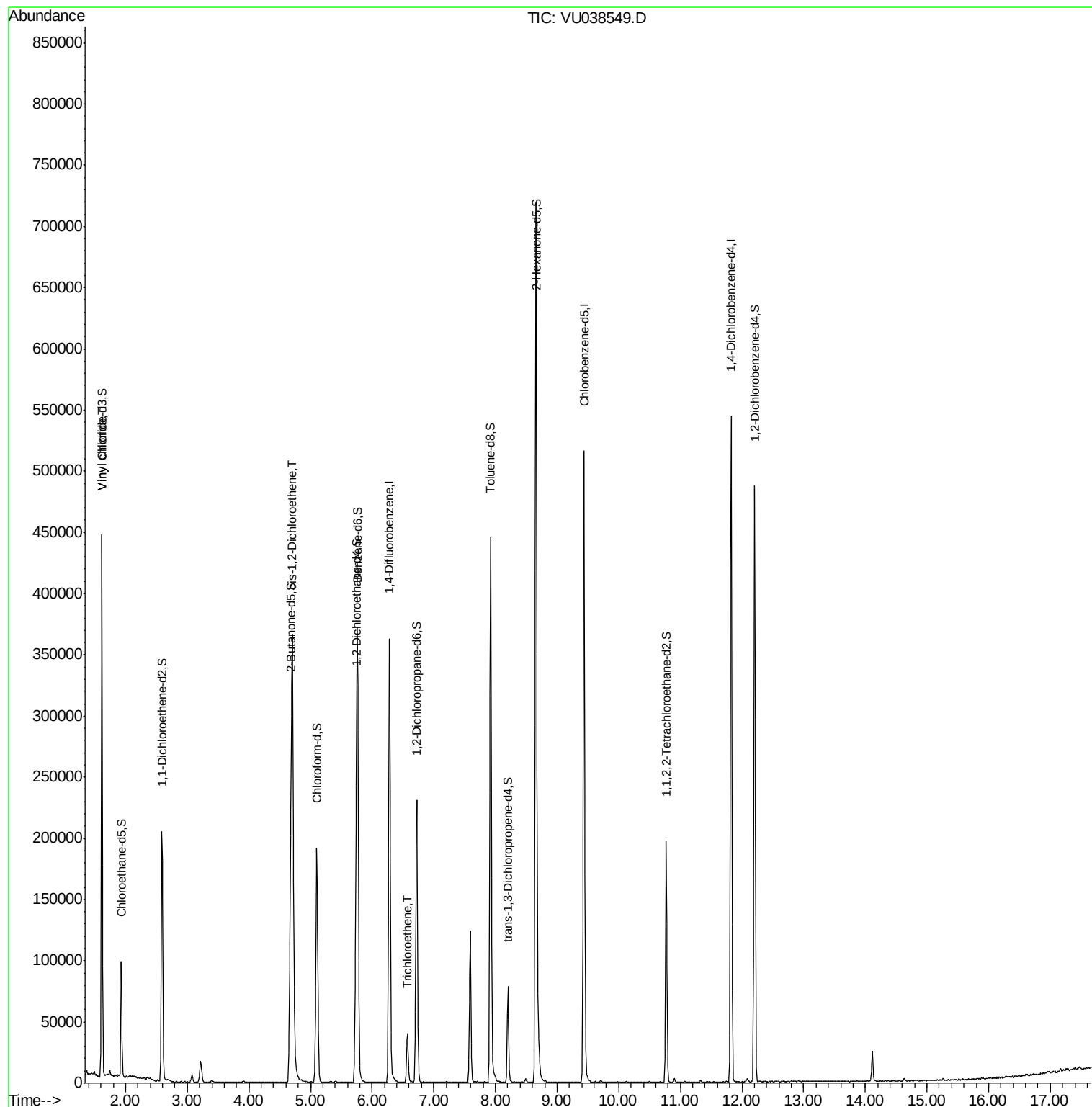
					Ovalue
5) Vinyl chloride	1.62	62	234398	10.055 ug/L	96
22) cis-1,2-Dichloroethene	4.71	96	136795	6.368 ug/L	93
34) Trichloroethene	6.57	95	13087	0.616 ug/L	94

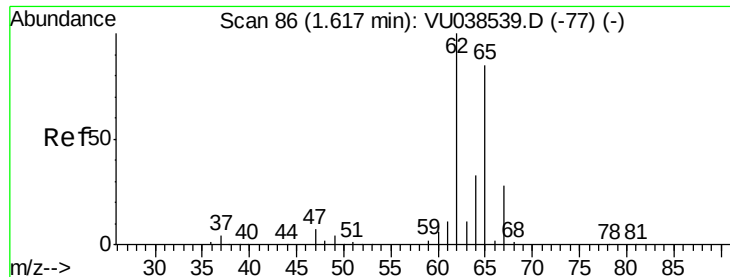
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 10.055 ug/L

RT: 1.62 min Scan# 86

Delta R.T. 0.00 min

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Instrument :

MSVOA_U

ClientSampleId :

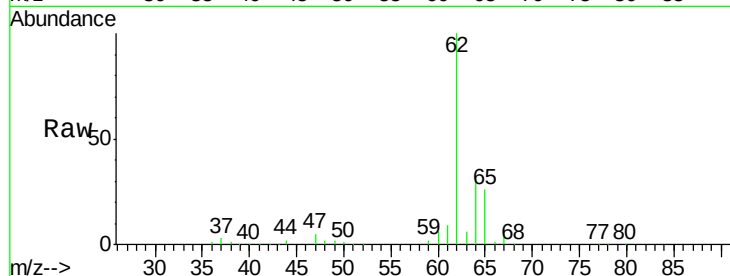
ETTM8DL

Tot Ion: 62 Resp: 234398

Ion Ratio Lower Upper

62 100

64 31.6 23.7 43.9



Abundance Ion 62.00 (61.70 to 62.70): VU0

Ion 64.10 (63.80 to 64.80): VU0

1.62

250000

200000

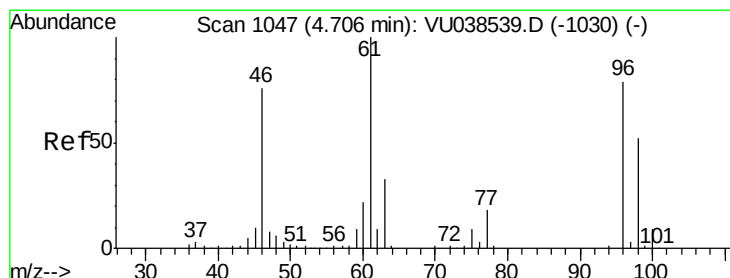
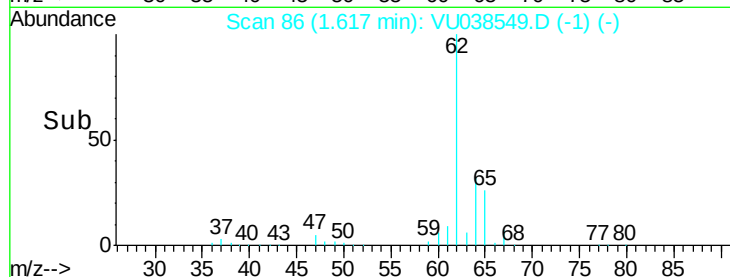
150000

100000

50000

0

Time--> 1.55 1.60 1.65 1.70



#22

cis-1,2-Dichloroethene

Concen: 6.368 ug/L

RT: 4.71 min Scan# 1047

Delta R.T. 0.00 min

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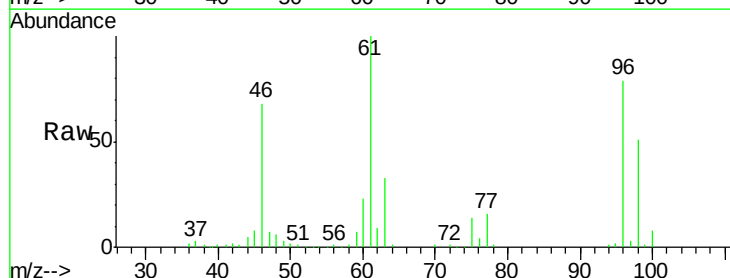
Tgt Ion: 96 Resp: 136795

Ion Ratio Lower Upper

96 100

61 126.1 94.0 174.6

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

100000

80000

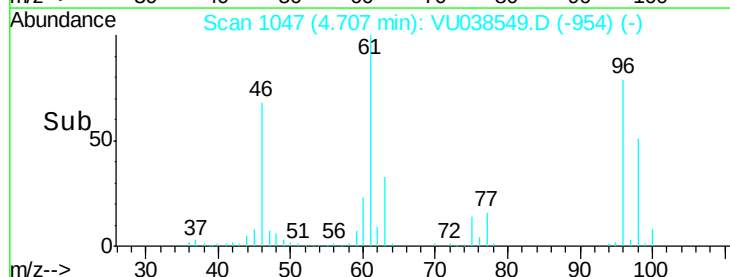
60000

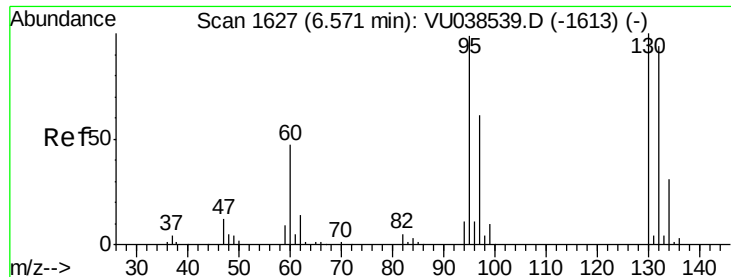
40000

20000

0

Time--> 4.60 4.65 4.70 4.75 4.80





#34

Trichloroethene

Concen: 0.616 ug/L

RT: 6.57 min Scan# 1627

Delta R.T. 0.00 min

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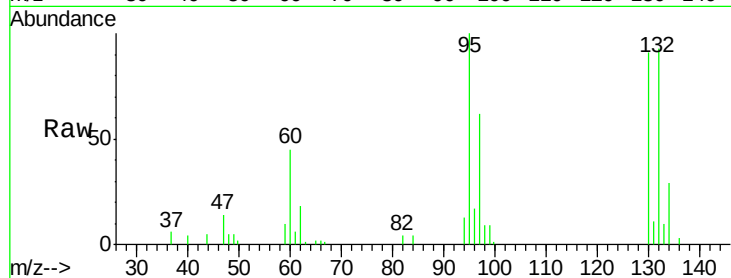
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Tot Ion: 95 Resp: 13087

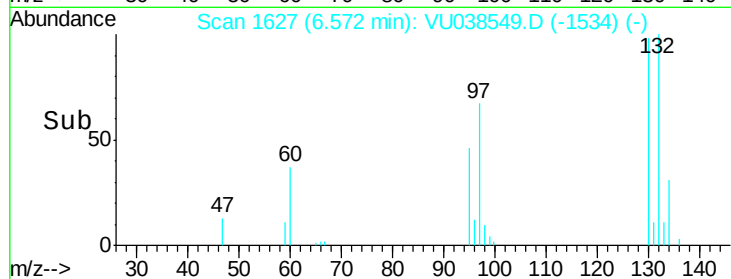
Ion Ratio Lower Upper

95 100

97 62.1 46.8 87.0

132 93.0 66.1 122.7

130 90.7 70.0 130.0



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

