

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU061020\
 Data File : VU038734.D
 Acq On : 09 Jun 2020 19:52
 Operator : SY/MD
 Sample : L2897-06
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EW0H2

Quant Time: Jun 10 05:33:39 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM060820WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Jun 10 05:09:22 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	517139	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	505655	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.82	152	240275	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	152141	52.66	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	105.32%
7) Chloroethane-d5	1.93	69	127974	57.10	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	114.20%
11) 1,1-Dichloroethene-d2	2.59	63	247010	39.23	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	78.46%
21) 2-Butanone-d5	4.66	46	332241	118.20	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	118.20%
24) Chloroform-d	5.10	84	336686	54.05	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	108.10%
26) 1,2-Dichloroethane-d4	5.74	65	231379	56.04	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	112.08%
32) Benzene-d6	5.76	84	677704	55.64	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	111.28%
36) 1,2-Dichloropropane-d6	6.72	67	212200	56.53	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	113.06%
41) Toluene-d8	7.92	98	592166	53.80	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	107.60%
43) trans-1,3-Dichloropropene-	8.20	79	100541	53.20	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	106.40%
47) 2-Hexanone-d5	8.65	63	247698	123.96	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	123.96%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	316606	56.54	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	113.08%
64) 1,2-Dichlorobenzene-d4	12.20	152	246459	59.08	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	118.16%

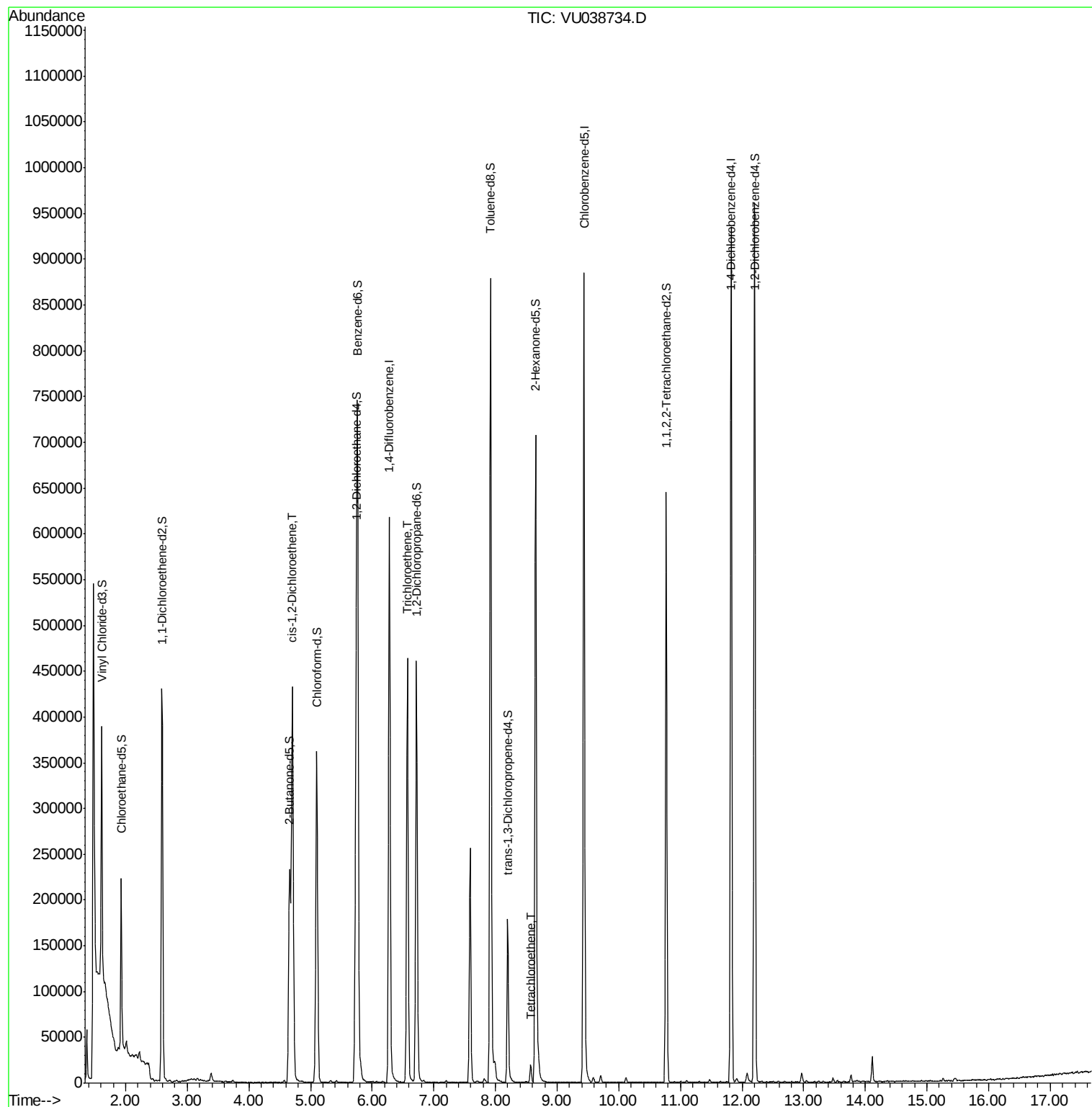
Target Compounds					Ovalue
20) cis-1,2-Dichloroethene	4.71	96	217742	54.992 ug/L	100
34) Trichloroethene	6.57	95	156956	41.099 ug/L	98
46) Tetrachloroethene	8.57	164	4269	1.549 ug/L	93

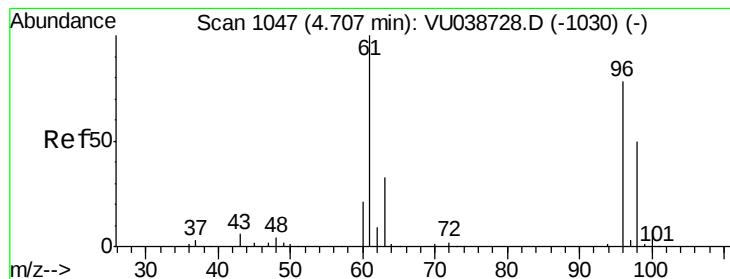
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#20

cis-1,2-Dichloroethene

Concen: 54.992 ug/L

RT: 4.71 min Scan# 1047

Delta R.T. -0.00 min

Lab File: VU038734.D

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ClientSampleId :

EW0H2

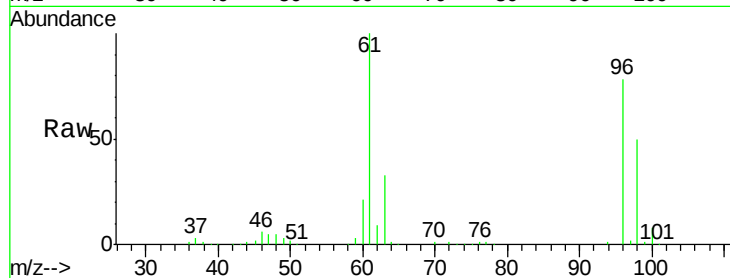
Tot Ion: 96 Resp: 217742

Ion Ratio Lower Upper

96 100

61 128.0 89.5 166.1

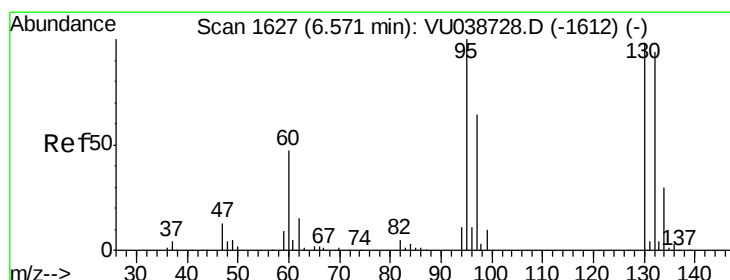
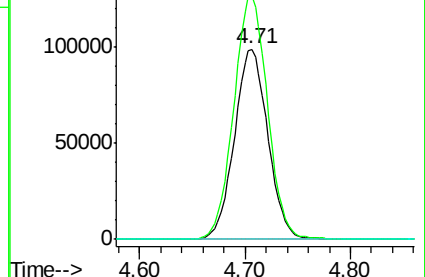
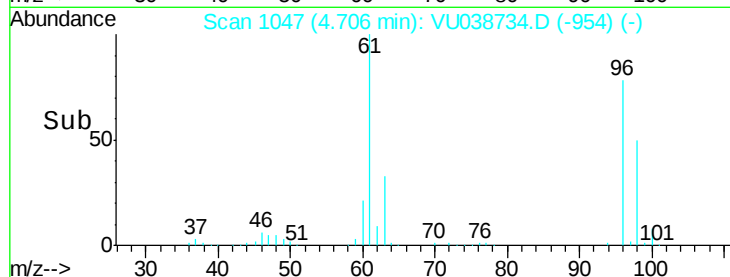
68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VU038734.D (-1534) (-)

Ion 61.00 (60.70 to 61.70): VU038734.D (-1534) (-)

Ion 68.00 (67.70 to 68.70): VU038734.D (-1534) (-)



#34

Trichloroethene

Concen: 41.099 ug/L

RT: 6.57 min Scan# 1627

Delta R.T. -0.00 min

Lab File: VU038734.D

Acq: 09 Jun 2020 19:52

Tgt Ion: 95 Resp: 156956

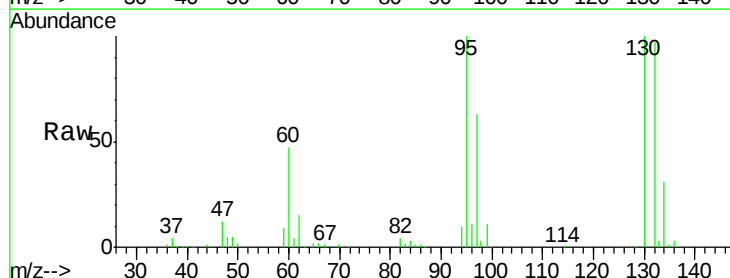
Ion Ratio Lower Upper

95 100

97 63.1 44.4 82.4

132 96.7 64.9 120.5

130 99.9 68.6 127.4

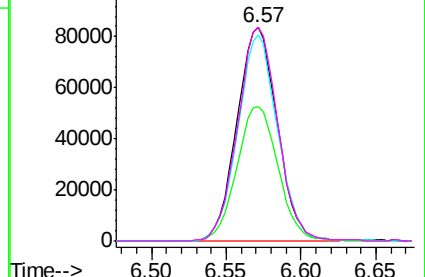
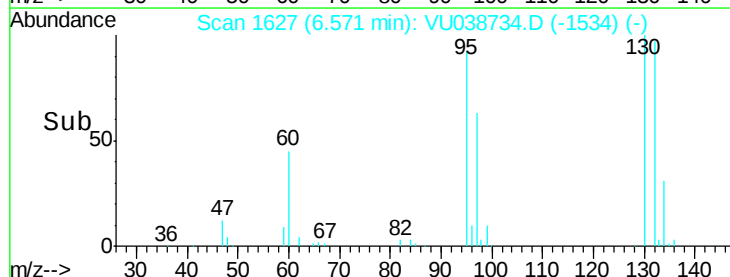


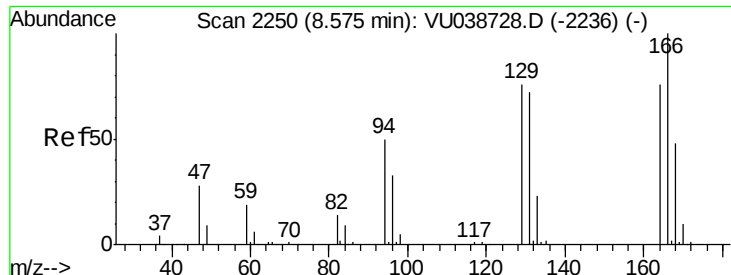
Abundance Ion 95.00 (94.70 to 95.70): VU038734.D (-1534) (-)

Ion 97.00 (96.70 to 97.70): VU038734.D (-1534) (-)

Ion 132.00 (131.70 to 132.70): VU038734.D (-1534) (-)

Ion 130.00 (129.70 to 130.70): VU038734.D (-1534) (-)





#46

Tetrachloroethene

Concen: 1.549 ug/L

RT: 8.57 min Scan# 2249

Delta R.T. -0.00 min

Lab File: VU038734.D

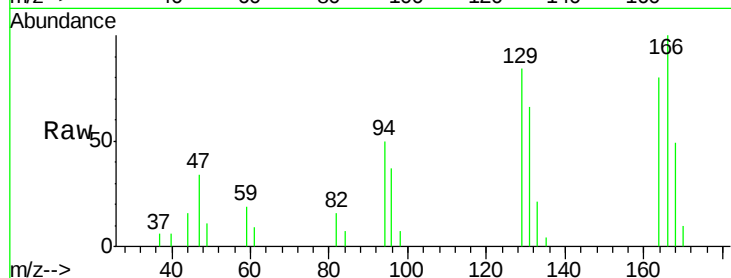
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Tot Ion:164 Resp: 4269

Ion Ratio Lower Upper

164 100

129 104.3 67.2 124.8

131 82.6 65.5 121.6

166 124.6 90.4 168.0

Abundance Ion 164.00 (163.70 to 164.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 131.00 (130.70 to 131.70): V

Ion 166.00 (165.70 to 166.70): V

