

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU061020\
 Data File : VU038770.D
 Acq On : 10 Jun 2020 11:29
 Operator : SY/MD
 Sample : L2897-05DL 10X
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 ETW42DL

Quant Time: Jun 11 01:34:45 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM060820WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Jun 11 00:28:57 2020
 Response via : Initial Calibration

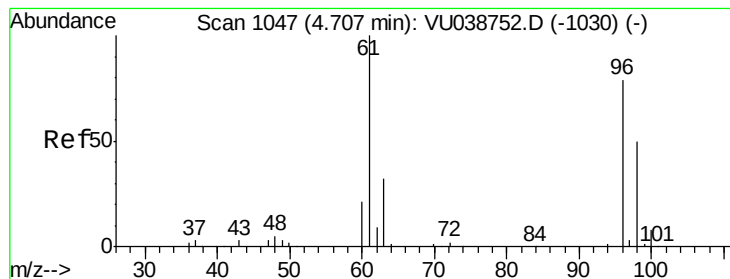
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	463179	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.43	117	459387	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.82	152	219511	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	84785	32.76	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	65.52%
7) Chloroethane-d5	1.92	69	61091	30.43	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	60.86%#
11) 1,1-Dichloroethene-d2	2.59	63	148161	26.27	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	52.54%#
21) 2-Butanone-d5	4.66	46	196970	78.24	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	78.24%
24) Chloroform-d	5.10	84	202103	36.22	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	72.44%
26) 1,2-Dichloroethane-d4	5.74	65	140616	38.02	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	76.04%
32) Benzene-d6	5.76	84	403573	36.47	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	72.94%
36) 1,2-Dichloropropane-d6	6.72	67	124936	36.63	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	73.26%
41) Toluene-d8	7.92	98	351691	35.17	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	70.34%#
43) trans-1,3-Dichloropropene-	8.20	79	59024	34.38	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	68.76%
47) 2-Hexanone-d5	8.66	63	148345	81.72	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	81.72%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	196123	38.55	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	77.10%
64) 1,2-Dichlorobenzene-d4	12.20	152	151195	39.67	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	79.34%#

Target Compounds					Ovalue
20) cis-1,2-Dichloroethene	4.70	96	53322	15.036 ug/L	96
34) Trichloroethene	6.57	95	43878	12.647 ug/L	98
46) Tetrachloroethene	8.57	164	141007	56.334 ug/L	96

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



#20

cis-1,2-Dichloroethene

Concen: 15.036 ug/L

RT: 4.70 min Scan# 1046

Delta R.T. -0.00 min

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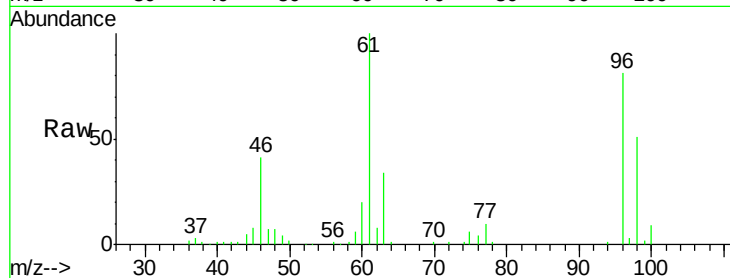
Tot Ion: 96 Resp: 53322

Ion Ratio Lower Upper

96 100

61 123.0 89.5 166.1

68 0.0 0.0 0.0

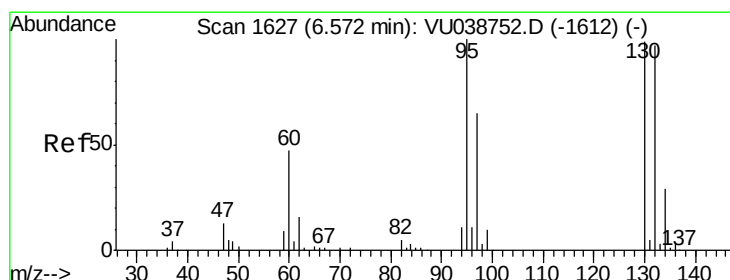
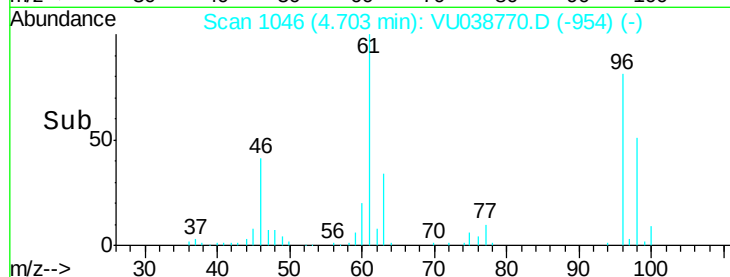
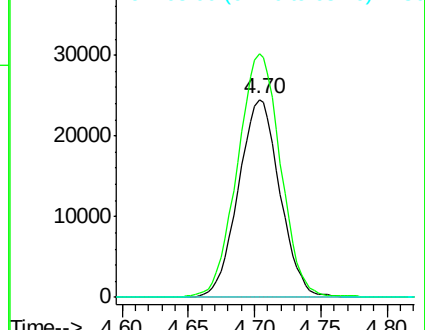


Abundance

Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 68.00 (67.70 to 68.70): VU0



#34

Trichloroethene

Concen: 12.647 ug/L

RT: 6.57 min Scan# 1627

Delta R.T. -0.00 min

Lab File: VU038770.D

Acq: 10 Jun 2020 11:29

Tgt Ion: 95 Resp: 43878

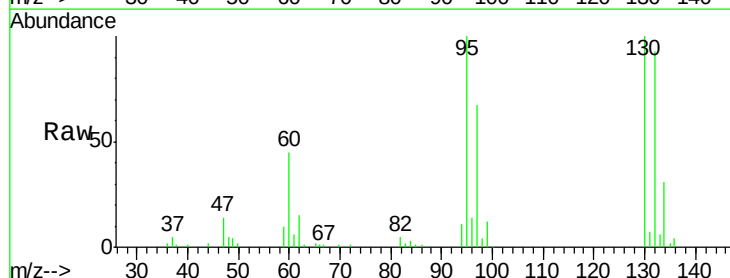
Ion Ratio Lower Upper

95 100

97 67.3 44.4 82.4

132 93.3 64.9 120.5

130 99.7 68.6 127.4



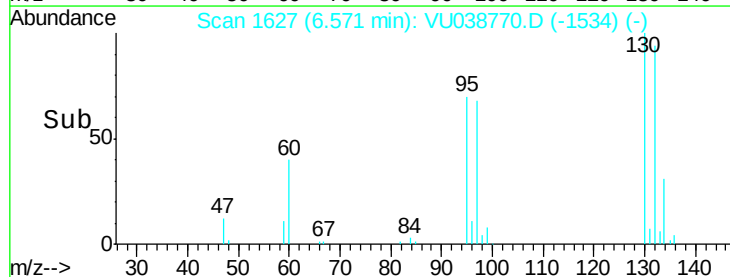
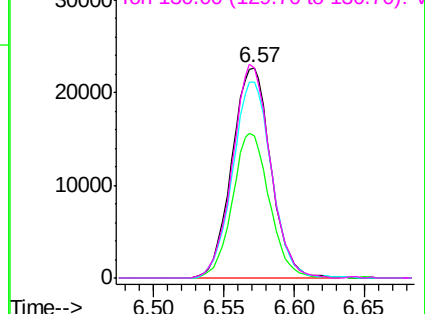
Abundance

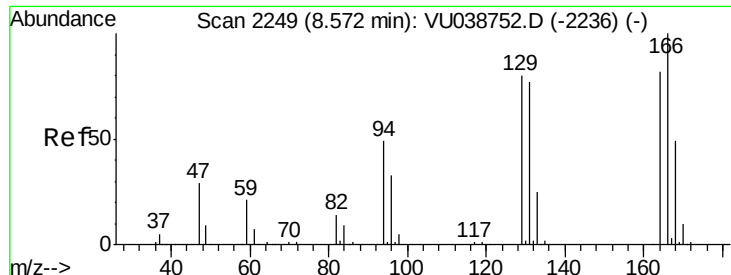
Ion 95.00 (94.70 to 95.70): VU0

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





#46

Tetrachloroethene

Concen: 56.334 ug/L

RT: 8.57 min Scan# 2249

Delta R.T. -0.00 min

Lab File: VU038770.D

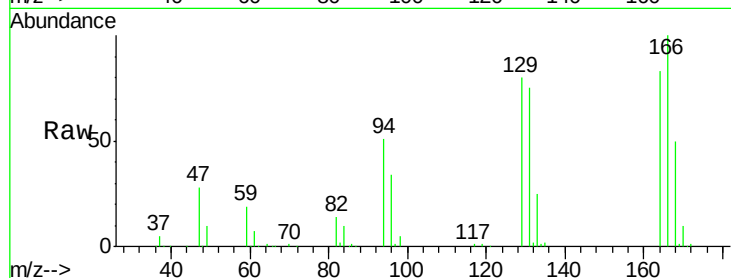
Acq: 10 Jun 2020 11:29

Instrument :

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Tot Ion:164 Resp: 141007

Ion Ratio Lower Upper

164 100

129 96.2 67.2 124.8

131 90.5 65.5 121.6

166 120.8 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

