

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU050120\
 Data File : VU037985.D
 Acq On : 01 May 2020 13:37
 Operator : JC/MD
 Sample : L2410-04DL 10X
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 DBEF2DL

Quant Time: May 04 14:39:56 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM043020WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat May 02 00:09:57 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	697629	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	682293	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	308800	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	264477	43.10	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	86.20%
7) Chloroethane-d5	1.93	69	228228	45.72	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	91.44%
11) 1,1-Dichloroethene-d2	2.59	63	329500	32.83	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	65.66%
21) 2-Butanone-d5	4.66	46	365035	76.11	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	76.11%
24) Chloroform-d	5.10	84	376571	39.63	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	79.26%
26) 1,2-Dichloroethane-d4	5.74	65	296146	44.87	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.74%
32) Benzene-d6	5.76	84	916547	45.57	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.14%
36) 1,2-Dichloropropane-d6	6.72	67	304542	45.67	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	91.34%
41) Toluene-d8	7.92	98	832385	45.12	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.24%
43) trans-1,3-Dichloropropene-	8.20	79	137134	43.86	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	87.72%
47) 2-Hexanone-d5	8.65	63	277397	95.66	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	95.66%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	412777	42.96	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	85.92%
64) 1,2-Dichlorobenzene-d4	12.21	152	291562	45.16	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.32%

Target Compounds

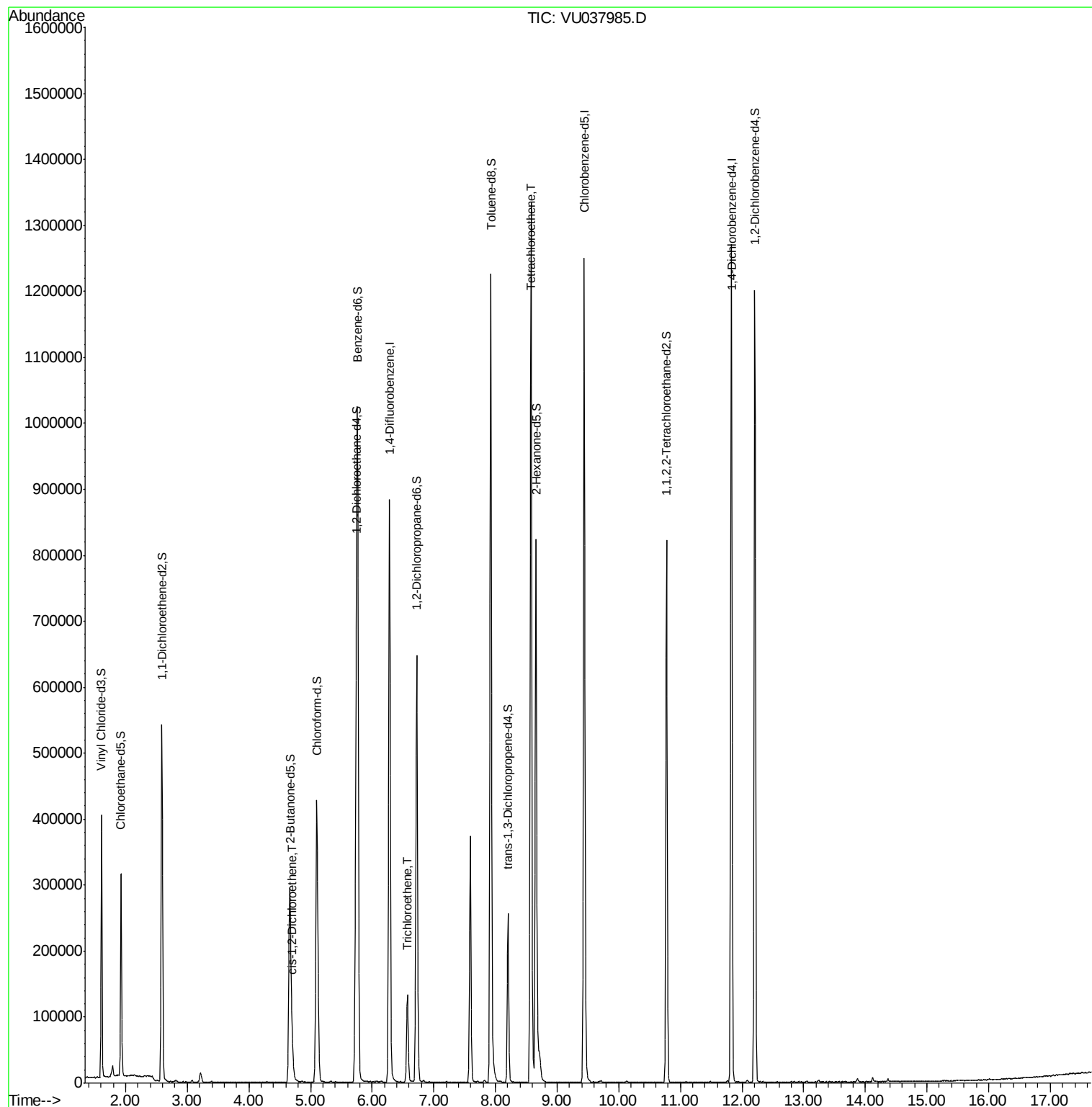
					Ovalue
20) cis-1,2-Dichloroethene	4.71	96	12376	2.269 ug/L	96
34) Trichloroethene	6.57	95	43863	8.481 ug/L	98
46) Tetrachloroethene	8.58	164	292137	77.363 ug/L	98

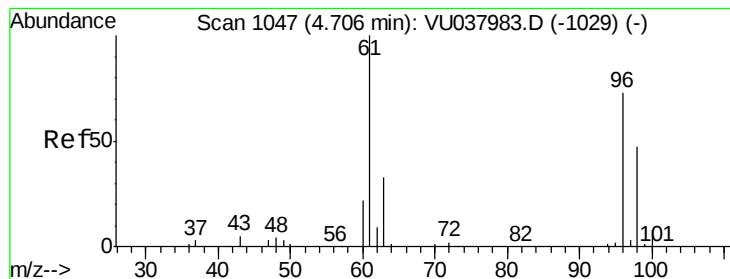
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat May 02 00:09:57 2020
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#20

cis-1,2-Dichloroethene

Concen: 2.269 ug/L

RT: 4.71 min Scan# 1047

Delta R.T. 0.00 min

Lab File: VU037985.D

Acq: 01 May 2020 13:37

Instrument :

MSVOA_U

ClientSampled :

DBEF2DL

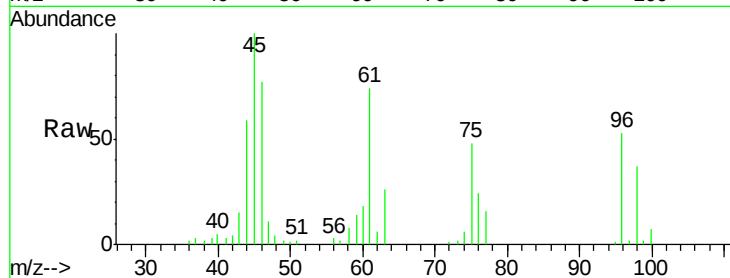
Tot Ion: 96 Resp: 12376

Ion Ratio Lower Upper

96 100

61 139.1 93.9 174.3

68 0.0 0.0 0.0

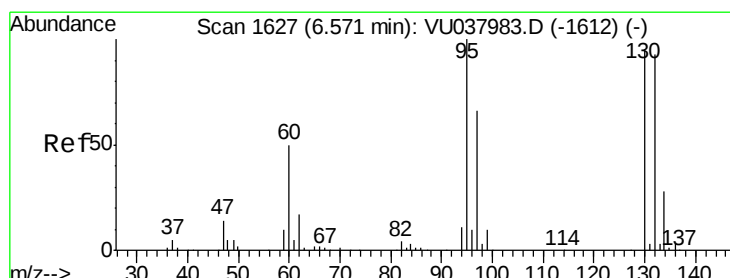
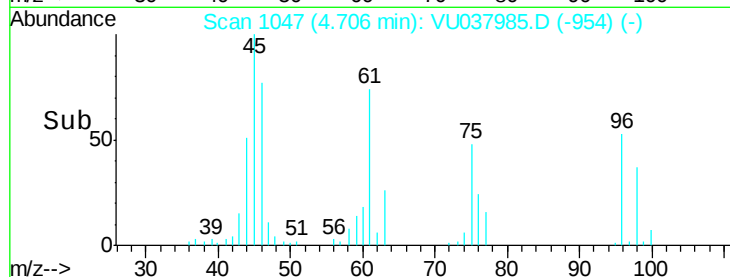
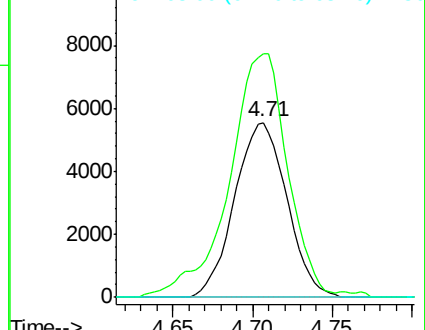


Abundance

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: 8.481 ug/L

RT: 6.57 min Scan# 1627

Delta R.T. 0.00 min

Lab File: VU037985.D

Acq: 01 May 2020 13:37

Tgt Ion: 95 Resp: 43863

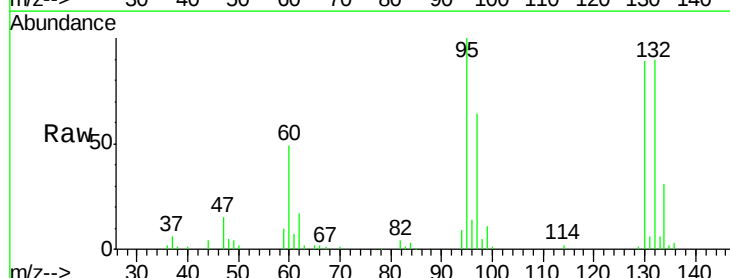
Ion Ratio Lower Upper

95 100

97 63.8 44.9 83.5

132 90.3 63.2 117.4

130 88.8 65.9 122.3



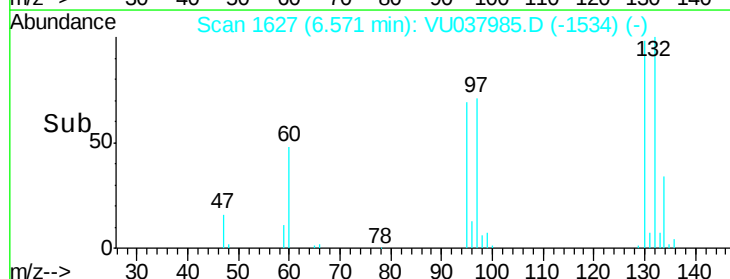
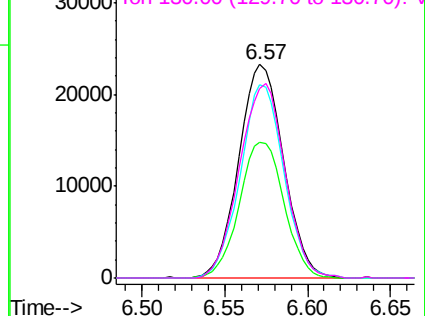
Abundance

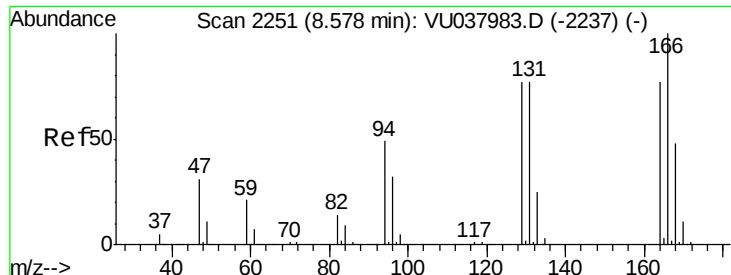
Ion 95.00 (94.70 to 95.70): VU0

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: 77.363 ug/L

RT: 8.58 min Scan# 2251

Delta R.T. 0.00 min

Lab File: VU037985.D

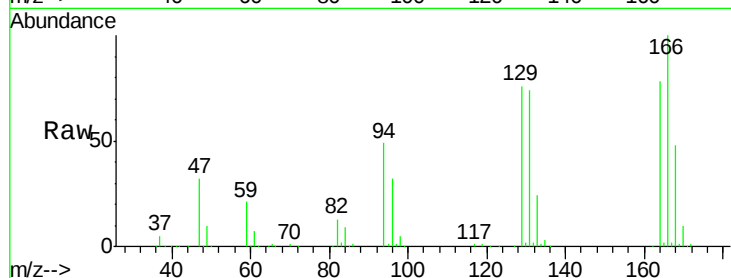
Acq: 01 May 2020 13:37

Instrument :

MSVOA_U

ClientSampleId :

DBEF2DL



Tot Ion:164 Resp: 292137

Ion Ratio Lower Upper

164 100

129 98.2 68.4 127.0

131 95.1 65.7 122.1

166 128.9 86.7 161.1

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

