

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU072420\
 Data File : VU039676.D
 Acq On : 24 Jul 2020 19:52
 Operator : SY/MD
 Sample : L3422-13
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F4C76

Quant Time: Jul 25 11:46:34 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM072320WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Jul 25 06:47:25 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.27	114	211157	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	201190	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	91904	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	51151	37.21	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	74.42%
7) Chloroethane-d5	1.92	69	56898	34.54	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	69.08%#
11) 1,1-Dichloroethene-d2	2.58	63	87487	30.07	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	60.14%
21) 2-Butanone-d5	4.65	46	137383	86.57	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	86.57%
24) Chloroform-d	5.09	84	125837	40.71	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	81.42%
26) 1,2-Dichloroethane-d4	5.72	65	91959	41.62	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	83.24%
32) Benzene-d6	5.74	84	237711	42.55	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.10%
36) 1,2-Dichloropropane-d6	6.71	67	79920	43.63	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	87.26%
41) Toluene-d8	7.91	98	216548	41.19	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	82.38%
43) trans-1,3-Dichloropropene-	8.19	79	36367	39.33	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	78.66%
47) 2-Hexanone-d5	8.64	63	84935	84.99	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	84.99%
57) 1,1,2,2-Tetrachloroethane-	10.76	84	120521	41.54	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	83.08%
64) 1,2-Dichlorobenzene-d4	12.19	152	86786	43.18	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	86.36%

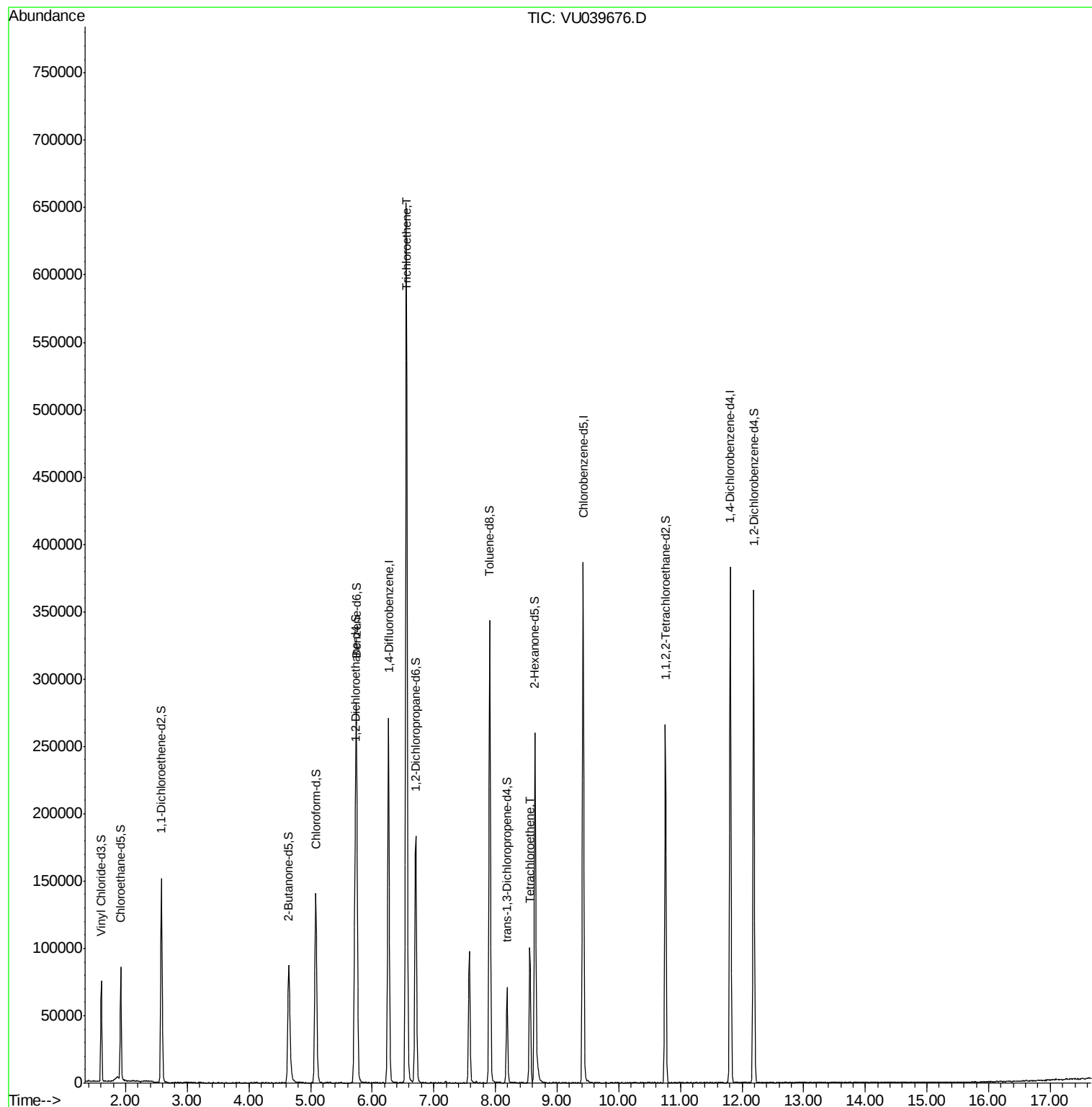
Target Compounds					Qvalue
34) Trichloroethene	6.56	95	210298	143.388 ug/L	98
46) Tetrachloroethene	8.56	164	19482	17.561 ug/L	98

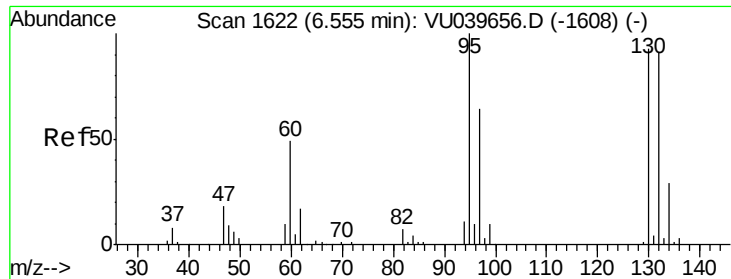
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#34

Trichloroethene

Concen: 143.388 ug/L

RT: 6.56 min Scan# 1622

Delta R.T. -0.00 min

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Instrument :

MSVOA_U

ClientSampleId :

F4C76

Tgt Ion: 95 Resp: 210298

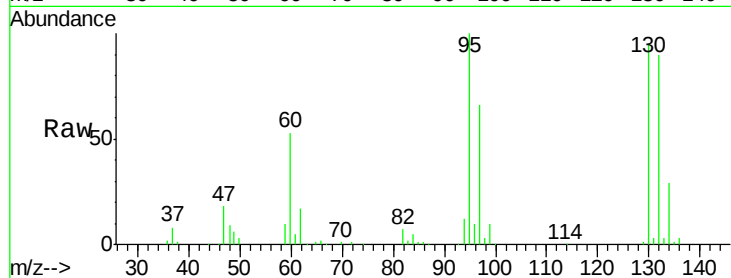
Ion Ratio Lower Upper

95 100

97 65.8 45.5 84.5

132 90.4 65.0 120.6

130 95.1 67.9 126.1

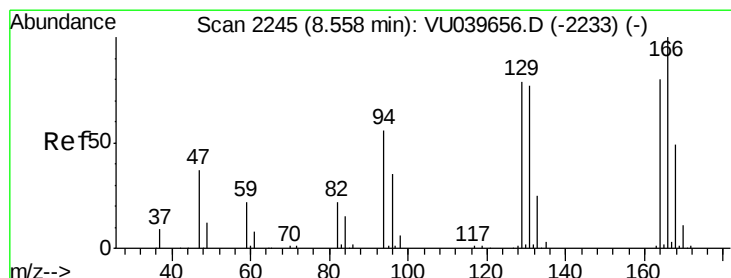
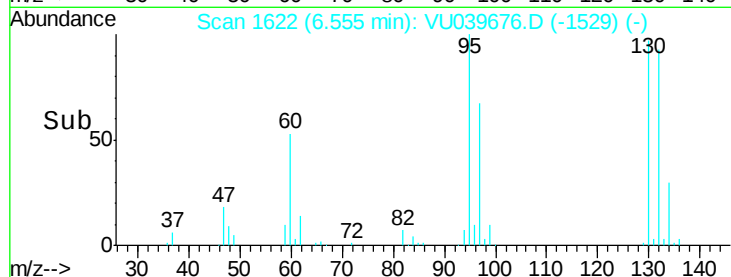
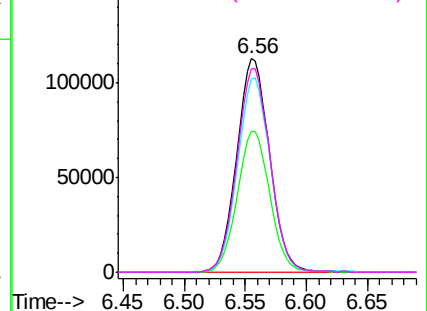


Abundance Ion 95.00 (94.70 to 95.70): VU0

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



#46

Tetrachloroethene

Concen: 17.561 ug/L

RT: 8.56 min Scan# 2245

Delta R.T. -0.00 min

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Tgt Ion: 164 Resp: 19482

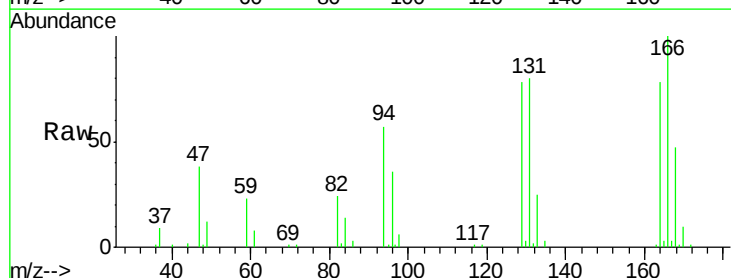
Ion Ratio Lower Upper

164 100

129 99.9 71.1 132.1

131 102.3 70.3 130.5

166 127.9 87.8 163.0



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

