

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU072420\
 Data File : VU039673.D
 Acq On : 24 Jul 2020 18:46
 Operator : SY/MD
 Sample : L3422-09
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F4C69

Quant Time: Jul 25 11:44:51 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	208192	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	200368	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	93073	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	51232	37.80	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	75.60%
7) Chloroethane-d5	1.92	69	55628	34.25	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	68.50%#
11) 1,1-Dichloroethene-d2	2.58	63	87516	30.50	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	61.00%
21) 2-Butanone-d5	4.65	46	138564	88.56	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	88.56%
24) Chloroform-d	5.08	84	124435	40.83	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	81.66%
26) 1,2-Dichloroethane-d4	5.72	65	91435	41.98	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	83.96%
32) Benzene-d6	5.75	84	236784	42.56	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.12%
36) 1,2-Dichloropropane-d6	6.71	67	80056	43.88	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	87.76%
41) Toluene-d8	7.91	98	216865	41.42	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	82.84%
43) trans-1,3-Dichloropropene-	8.19	79	37187	40.38	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	80.76%
47) 2-Hexanone-d5	8.64	63	85129	85.54	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	85.54%
57) 1,1,2,2-Tetrachloroethane-	10.76	84	121052	41.90	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	83.80%
64) 1,2-Dichlorobenzene-d4	12.19	152	87953	43.21	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	86.42%

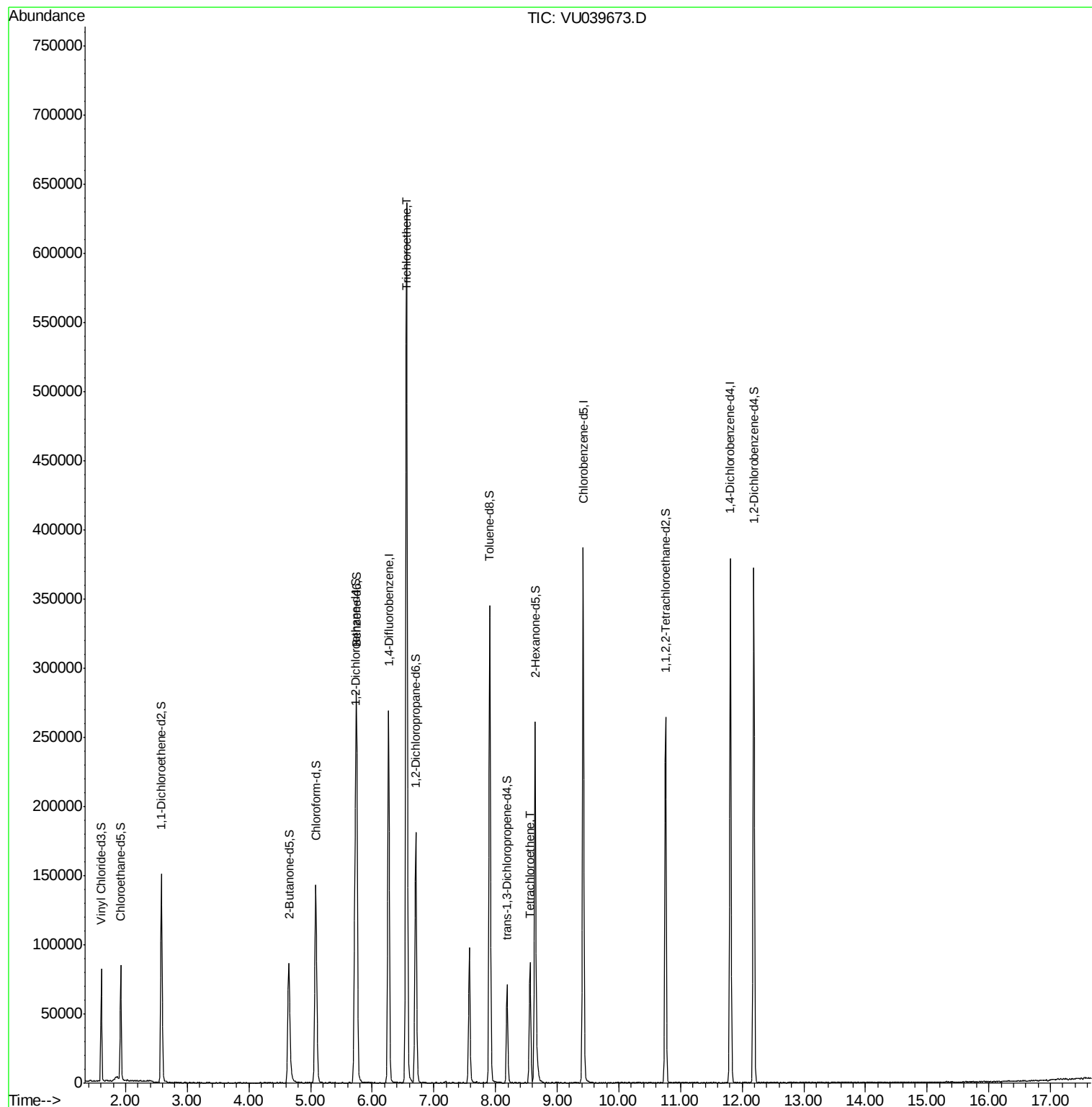
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
34) Trichloroethene	6.56	95	205749	140.862	ug/L	99
46) Tetrachloroethene	8.56	164	17322	15.678	ug/L	97

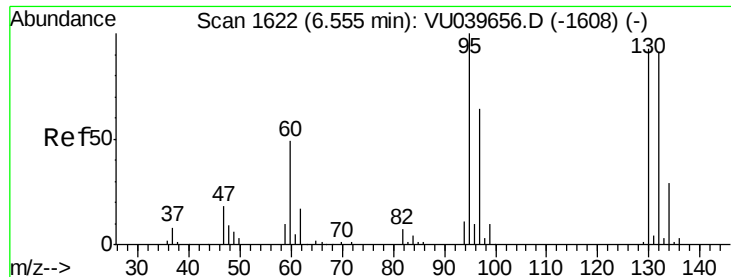
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#34

Trichloroethene

Concen: 140.862 ug/L

RT: 6.56 min Scan# 1622

Delta R.T. 0.00 min

Lab File: VU039673.D

Acq: 24 Jul 2020 18:46

Instrument :

MSVOA_U

ClientSampleId :

F4C69

Tgt Ion: 95 Resp: 205749

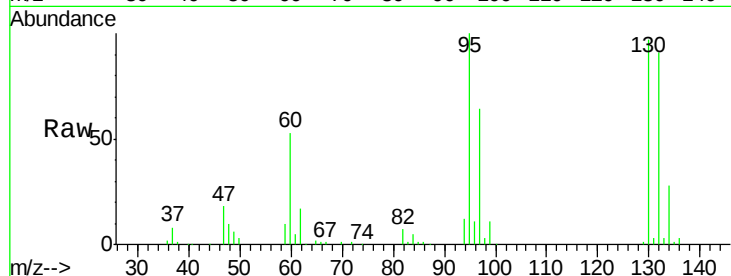
Ion Ratio Lower Upper

95 100

97 63.7 45.5 84.5

132 91.3 65.0 120.6

130 96.6 67.9 126.1

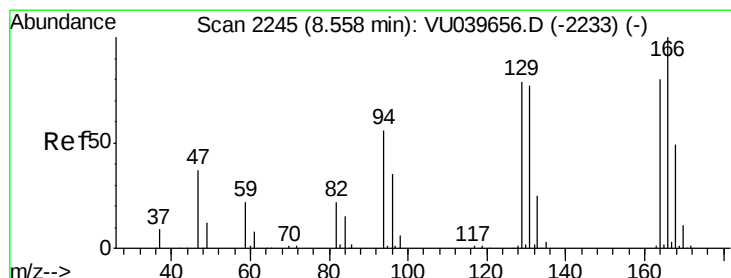
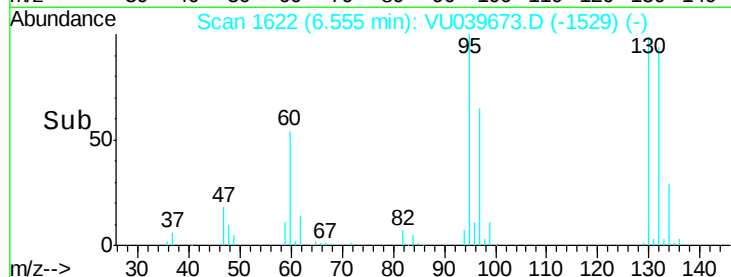
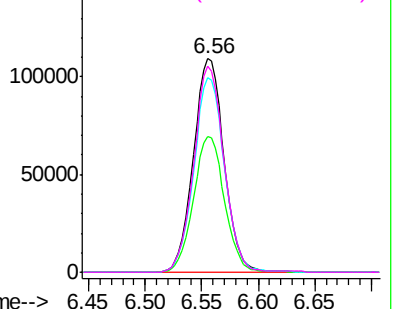


Abundance Ion 95.00 (94.70 to 95.70): VU0

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: 15.678 ug/L

RT: 8.56 min Scan# 2245

Delta R.T. 0.00 min

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Tgt Ion: 164 Resp: 17322

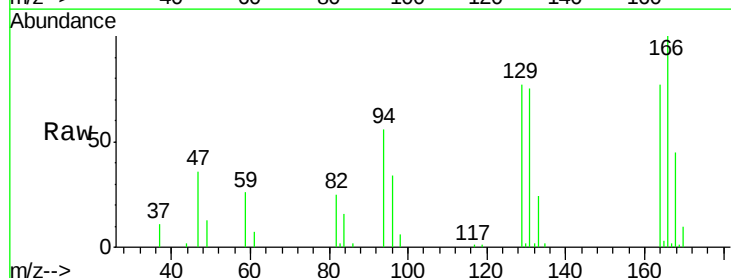
Ion Ratio Lower Upper

164 100

129 99.4 71.1 132.1

131 97.4 70.3 130.5

166 129.7 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

