

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV100120\
 Data File : VV018607.D
 Acq On : 01 Oct 2020 22:45
 Operator : SY/MD
 Sample : L4237-09
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 E0AC4

Quant Time: Oct 02 05:09:41 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM092920WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Oct 02 04:18:06 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	281943	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	278683	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	138338	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	85366	51.63	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	103.26%
7) Chloroethane-d5	1.58	69	79532	58.17	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	116.34%
11) 1,1-Dichloroethene-d2	2.12	63	144071	42.76	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	85.52%
21) 2-Butanone-d5	3.91	46	113709	92.19	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	92.19%
24) Chloroform-d	4.38	84	170393	47.65	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.30%
26) 1,2-Dichloroethane-d4	5.06	65	115291	50.79	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.58%
32) Benzene-d6	5.07	84	328598	46.55	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.10%
36) 1,2-Dichloropropane-d6	6.09	67	100964	47.34	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	94.68%
41) Toluene-d8	7.34	98	302986	45.62	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.24%
43) trans-1,3-Dichloropropene-	7.64	79	48012	41.67	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	83.34%
47) 2-Hexanone-d5	8.11	63	64607	79.75	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	79.75%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	124856	44.15	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	88.30%
64) 1,2-Dichlorobenzene-d4	11.65	152	131745	49.52	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.04%

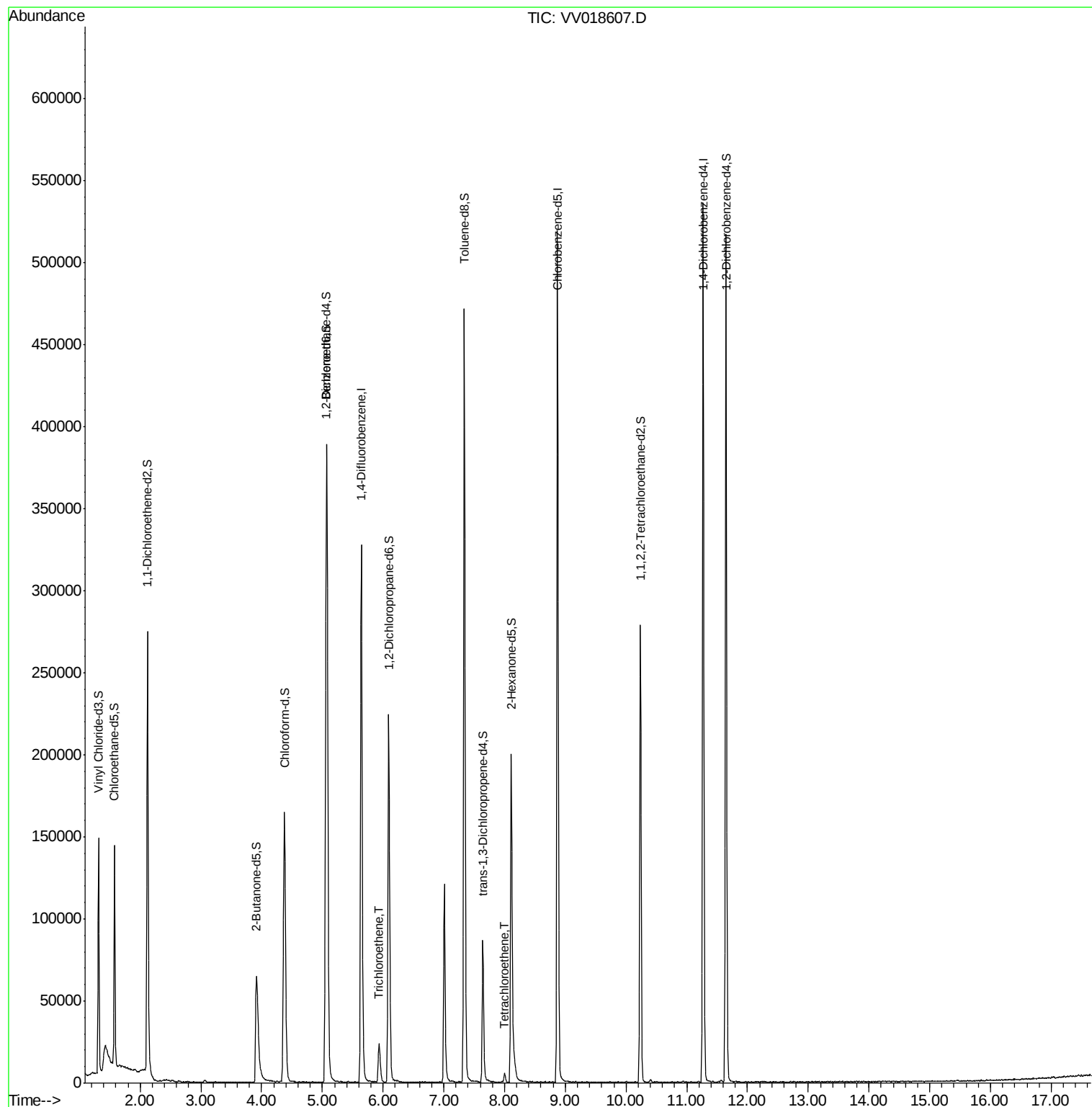
Target Compounds					Ovalue
34) Trichloroethene	5.94	95	4172	1.755 ug/L	87
46) Tetrachloroethene	8.00	164	1300	0.674 ug/L	96

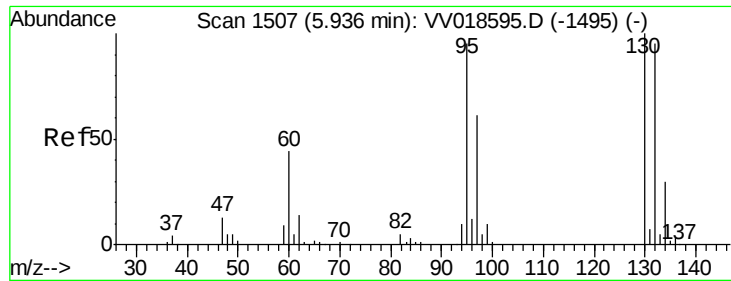
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#34

Trichloroethene

Concen: 1.755 ug/L

RT: 5.94 min Scan# 1509

Delta R.T. 0.01 min

Lab File: VV018607.D

Acq: 01 Oct 2020 22:45

Instrument :

MSVOA_V

ClientSampleId :

E0AC4

Tot Ion: 95 Resp: 4172

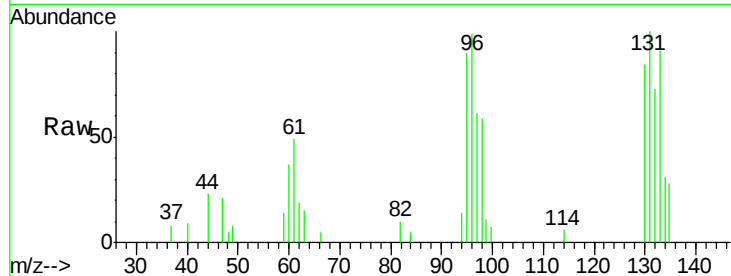
Ion Ratio Lower Upper

95 100

97 67.7 45.9 85.3

132 81.5 70.8 131.4

130 93.8 75.3 139.8



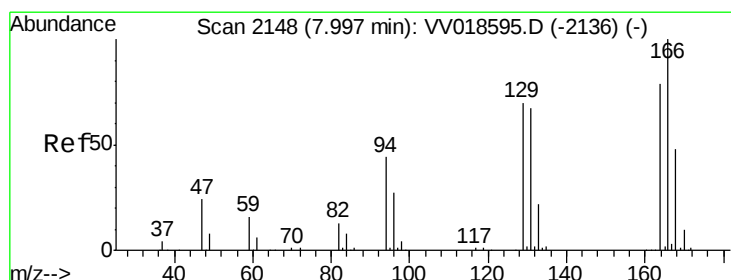
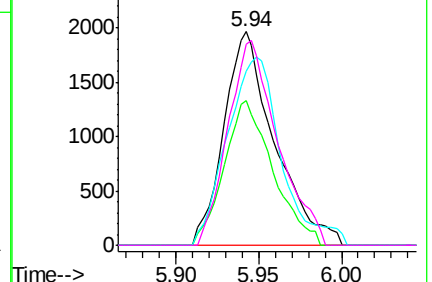
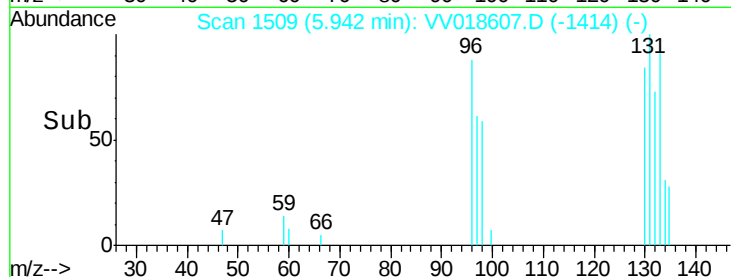
Abundance

Ion 95.00 (94.70 to 95.70): VV0

Ion 97.00 (96.70 to 97.70): VV0

Ion 132.00 (131.70 to 132.70): V

Ion 130.00 (129.70 to 130.70): V



#46

Tetrachloroethene

Concen: 0.674 ug/L

RT: 8.00 min Scan# 2149

Delta R.T. 0.00 min

Lab File: VV018607.D

Acq: 01 Oct 2020 22:45

Tgt Ion: 164 Resp: 1300

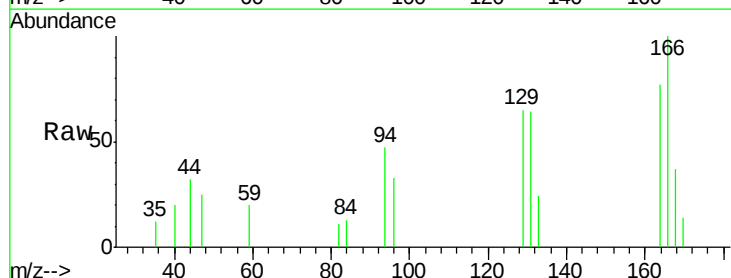
Ion Ratio Lower Upper

164 100

129 83.8 62.8 116.6

131 83.3 60.8 112.8

166 129.6 88.9 165.1



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

