

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV121420\
 Data File : VV019600.D
 Acq On : 14 Dec 2020 13:28
 Operator : SY/MD
 Sample : L4928-05DL 500X
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BG4M2DL

Quant Time: Dec 15 07:42:55 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM121020WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Dec 15 07:21:43 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.62	114	639531	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.86	117	588367	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.25	152	273898	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	228202	49.76	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	99.52%
7) Chloroethane-d5	1.57	69	191129	52.84	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	105.68%
11) 1,1-Dichloroethene-d2	2.11	63	337297	39.63	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	79.26%
21) 2-Butanone-d5	3.89	46	275677	110.60	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	110.60%
24) Chloroform-d	4.35	84	419463	50.75	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.50%
26) 1,2-Dichloroethane-d4	5.04	65	289831	53.66	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	107.32%
32) Benzene-d6	5.05	84	842017	53.66	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	107.32%
36) 1,2-Dichloropropane-d6	6.07	67	262851	53.47	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	106.94%
41) Toluene-d8	7.32	98	746415	52.83	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	105.66%
43) trans-1,3-Dichloropropene-	7.62	79	134013	47.93	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	95.86%
47) 2-Hexanone-d5	8.09	63	204928	106.22	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	106.22%
57) 1,1,2,2-Tetrachloroethane-	10.22	84	342572	51.52	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	103.04%
64) 1,2-Dichlorobenzene-d4	11.63	152	274858	53.68	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	107.36%

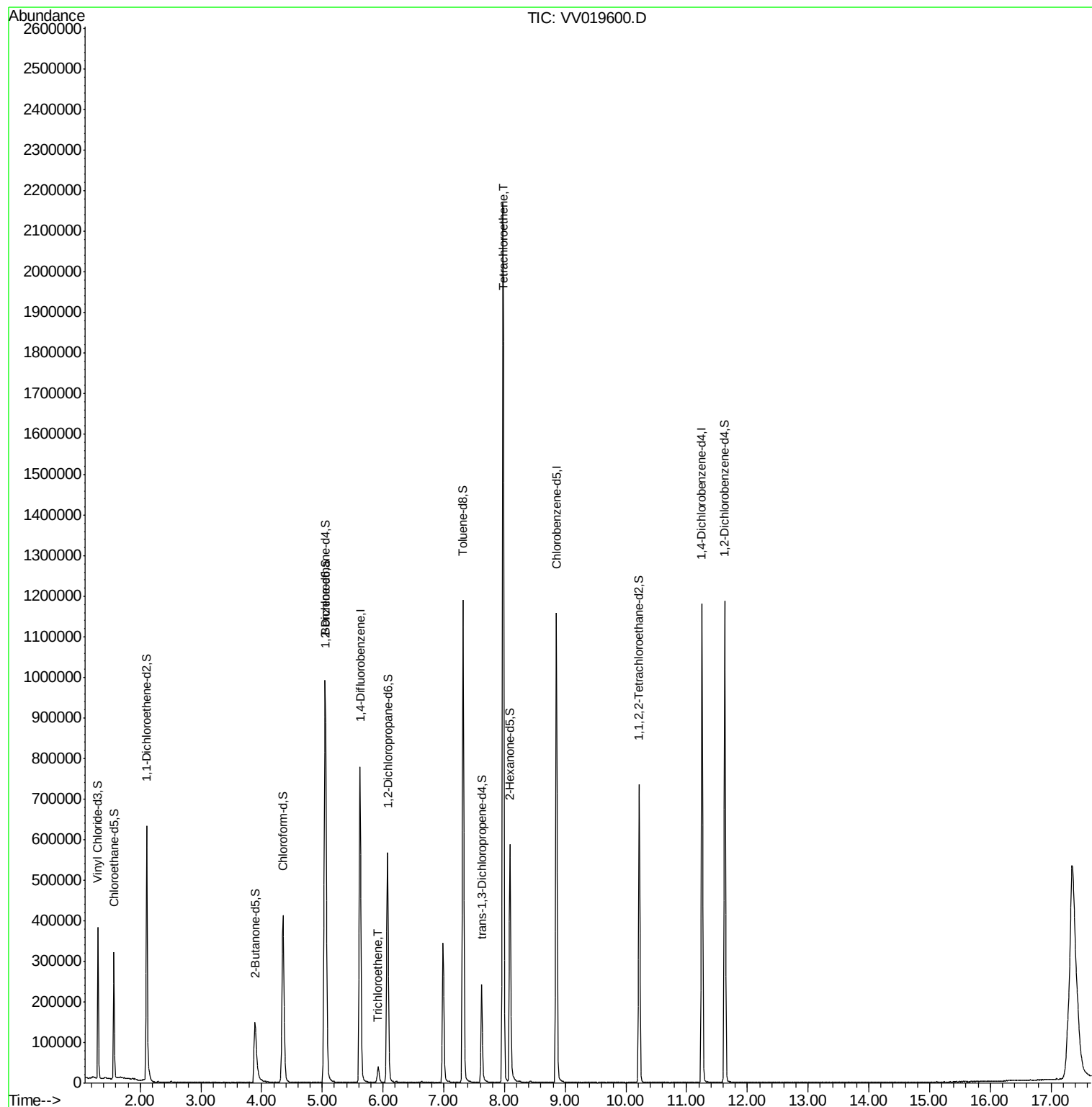
Target Compounds					Ovalue
34) Trichloroethene	5.92	95	12098	2.663 ug/L	95
46) Tetrachloroethene	7.98	164	438710	139.578 ug/L	98

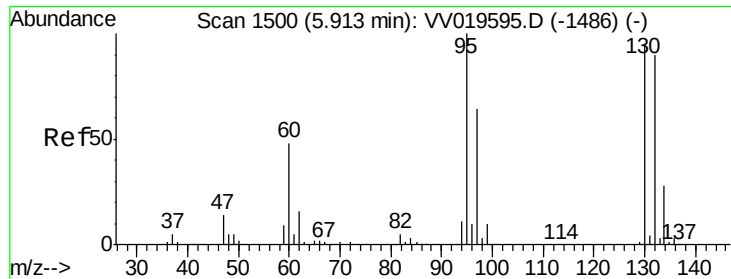
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#34

Trichloroethene

Concen: 2.663 ug/L

RT: 5.92 min Scan# 1503

Delta R.T. 0.01 min

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Acq: 14 Dec 2020 13:28

Instrument :

MSVOA_V

ClientSampleId :

BG4M2DL

Tot Ion: 95 Resp: 12098

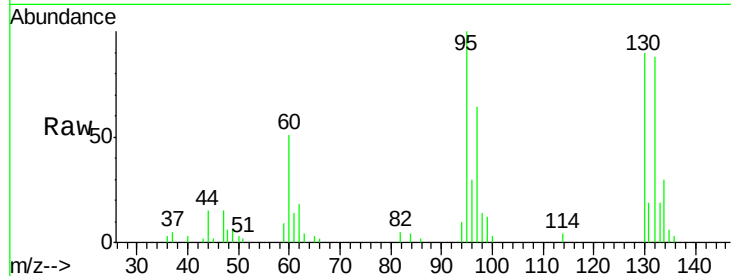
Ion Ratio Lower Upper

95 100

97 63.9 44.4 82.4

132 87.5 64.3 119.3

130 89.6 67.8 125.8

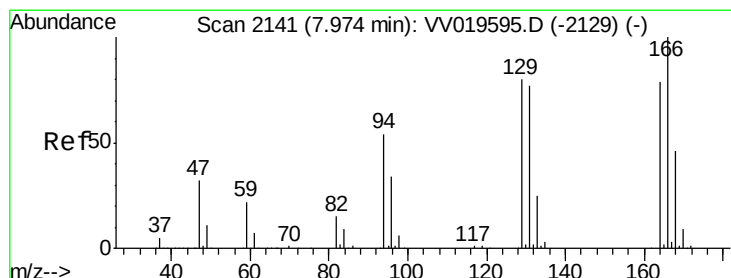
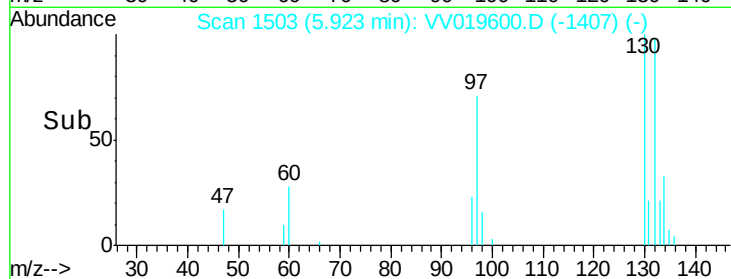
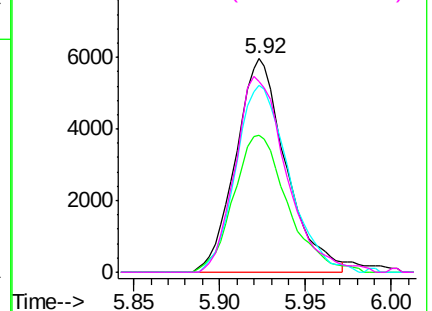


Abundance Ion 95.00 (94.70 to 95.70): VV0

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: 139.578 ug/L

RT: 7.98 min Scan# 2142

Delta R.T. 0.00 min

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Tgt Ion:164 Resp: 438710

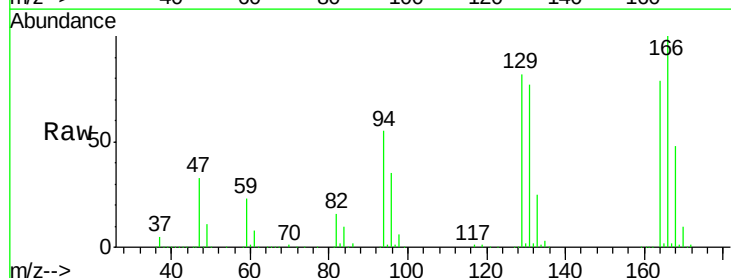
Ion Ratio Lower Upper

164 100

129 103.4 70.6 131.0

131 97.5 68.0 126.4

166 126.2 86.9 161.5



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

