

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV121420\
 Data File : VV019598.D
 Acq On : 14 Dec 2020 12:40
 Operator : SY/MD
 Sample : L4928-03 40X
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BG4M0

Quant Time: Dec 15 07:35:12 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	670425	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.85	117	621245	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.25	152	290179	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	240775	50.08	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	100.16%
7) Chloroethane-d5	1.57	69	201956	53.26	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	106.52%
11) 1,1-Dichloroethene-d2	2.11	63	358540	40.18	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	80.36%
21) 2-Butanone-d5	3.89	46	265689	101.68	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	101.68%
24) Chloroform-d	4.35	84	437786	50.53	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.06%
26) 1,2-Dichloroethane-d4	5.03	65	305775	54.00	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	108.00%
32) Benzene-d6	5.05	84	886351	53.49	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	106.98%
36) 1,2-Dichloropropane-d6	6.07	67	277294	53.43	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	106.86%
41) Toluene-d8	7.32	98	792521	53.13	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	106.26%
43) trans-1,3-Dichloropropene-	7.62	79	142124	48.14	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	96.28%
47) 2-Hexanone-d5	8.09	63	195482	95.96	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	95.96%
57) 1,1,2,2-Tetrachloroethane-	10.22	84	347394	49.48	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	98.96%
64) 1,2-Dichlorobenzene-d4	11.63	152	283275	52.22	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	104.44%

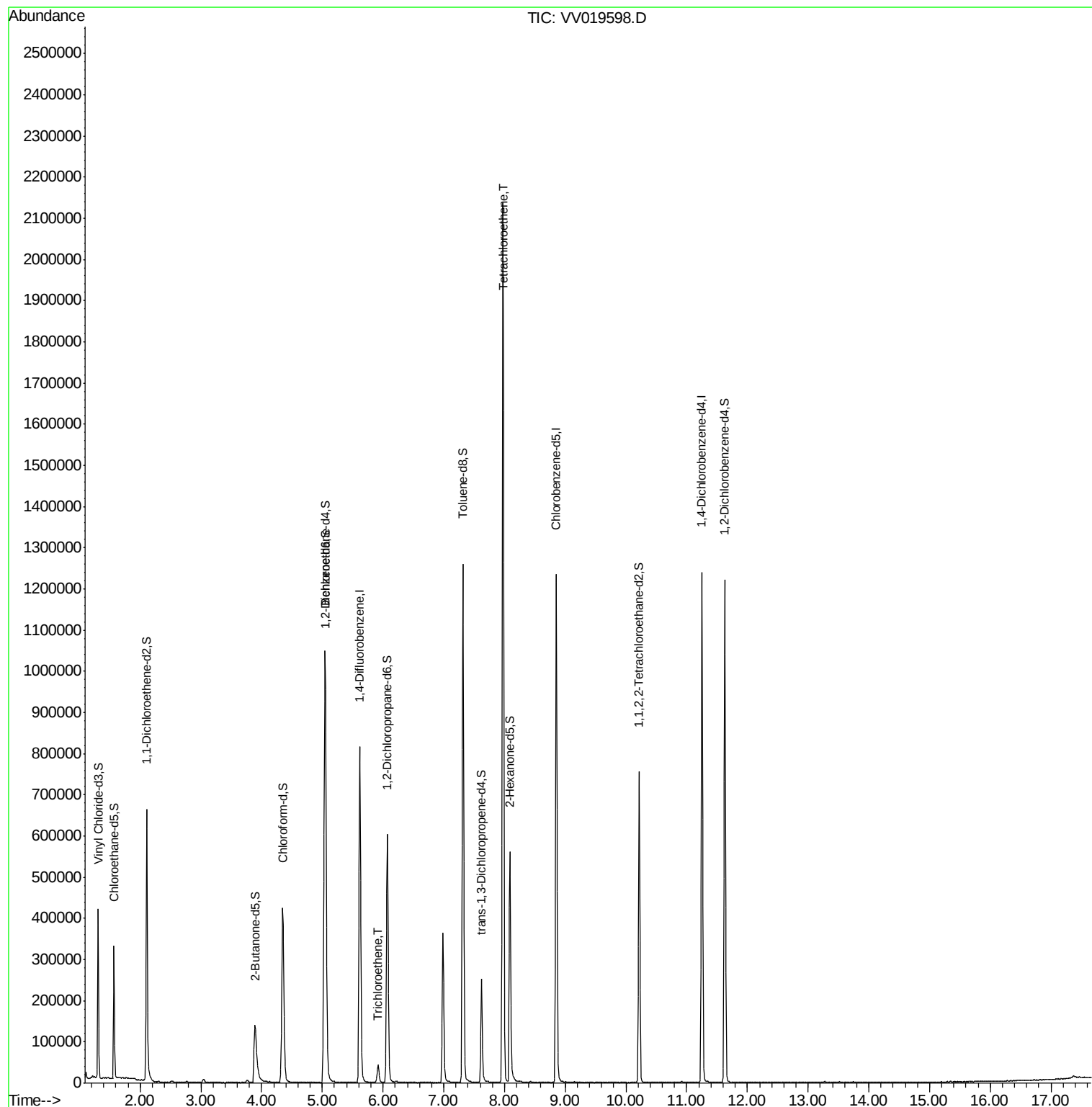
Target Compounds					Ovalue
34) Trichloroethene	5.92	95	13176	2.747 ug/L	91
46) Tetrachloroethene	7.97	164	436092	131.402 ug/L	98

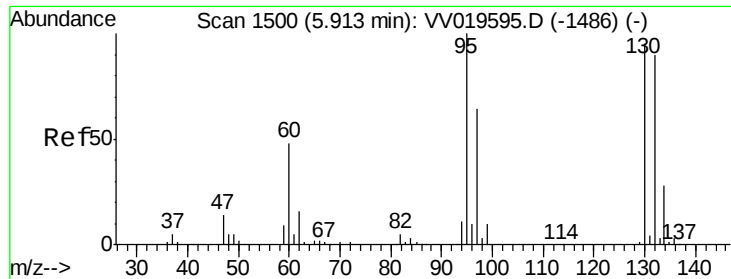
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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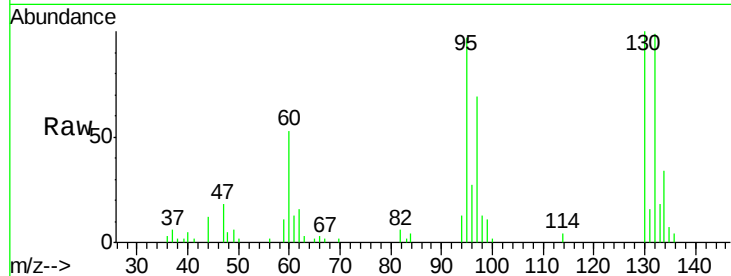




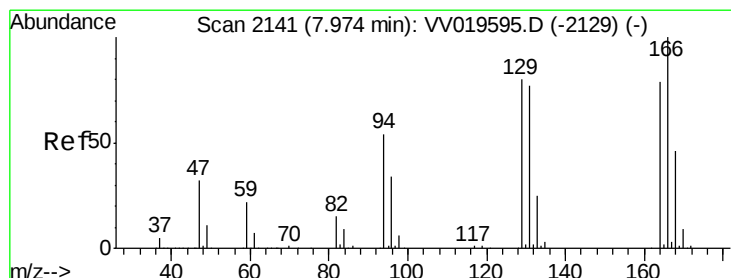
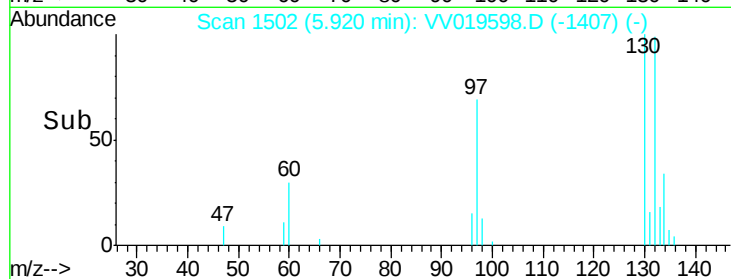
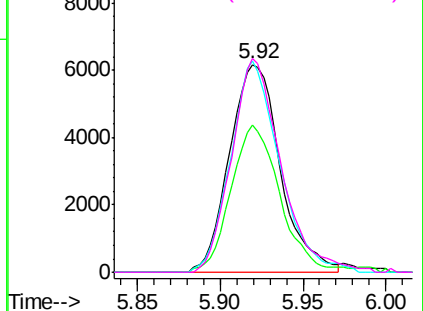
#34
 Trichloroethene
 Concen: 2.747 ug/L
 RT: 5.92 min Scan# 1502
 Delta R.T. 0.01 min
 Lab File: VV019598.D
 Acq: 14 Dec 2020 12:40

Instrument :
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 ClientSampleId :
 BG4M0

Tot Ion: 95 Resp: 13176
 Ion Ratio Lower Upper
 95 100
 97 70.8 44.4 82.4
 132 101.8 64.3 119.3
 130 102.9 67.8 125.8



Abundance Ion 95.00 (94.70 to 95.70): VV019598.D (-1407) (-)
 Ion 97.00 (96.70 to 97.70): VV019598.D (-1407) (-)
 Ion 132.00 (131.70 to 132.70): VV019598.D (-1407) (-)
 Ion 130.00 (129.70 to 130.70): VV019598.D (-1407) (-)



#46
 Tetrachloroethene
 Concen: 131.402 ug/L
 RT: 7.97 min Scan# 2141
 Delta R.T. 0.00 min
 Lab File: VV019598.D
 Acq: 14 Dec 2020 12:40

Tgt Ion: 164 Resp: 436092
 Ion Ratio Lower Upper
 164 100
 129 103.5 70.6 131.0
 131 98.3 68.0 126.4
 166 128.0 86.9 161.5

Abundance Ion 164.00 (163.70 to 164.70): VV019598.D (-2048) (-)
 Ion 129.00 (128.70 to 129.70): VV019598.D (-2048) (-)
 Ion 131.00 (130.70 to 131.70): VV019598.D (-2048) (-)
 Ion 166.00 (165.70 to 166.70): VV019598.D (-2048) (-)

