

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV122320\
 Data File : VV019819.D
 Acq On : 23 Dec 2020 18:10
 Operator : SY/MD
 Sample : L5173-17 100X
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BG4T0

Quant Time: Dec 24 00:06:42 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM121020WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Dec 23 22:04:07 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.62	114	673251	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.86	117	638448	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.26	152	306023	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	222155	46.02	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	92.04%
7) Chloroethane-d5	1.57	69	183692	48.24	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	96.48%
11) 1,1-Dichloroethene-d2	2.11	63	328844	36.70	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	73.40%
21) 2-Butanone-d5	3.88	46	346115	131.90	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	131.90%#
24) Chloroform-d	4.35	84	420411	48.32	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.64%
26) 1,2-Dichloroethane-d4	5.04	65	297132	52.26	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.52%
32) Benzene-d6	5.05	84	846239	49.70	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.40%
36) 1,2-Dichloropropane-d6	6.07	67	272344	51.06	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	102.12%
41) Toluene-d8	7.32	98	731156	47.69	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.38%
43) trans-1,3-Dichloropropene-	7.62	79	124950	41.18	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	82.36%
47) 2-Hexanone-d5	8.09	63	212618	101.56	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	101.56%
57) 1,1,2,2-Tetrachloroethane-	10.22	84	330128	45.76	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	91.52%
64) 1,2-Dichlorobenzene-d4	11.63	152	267245	46.72	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.44%

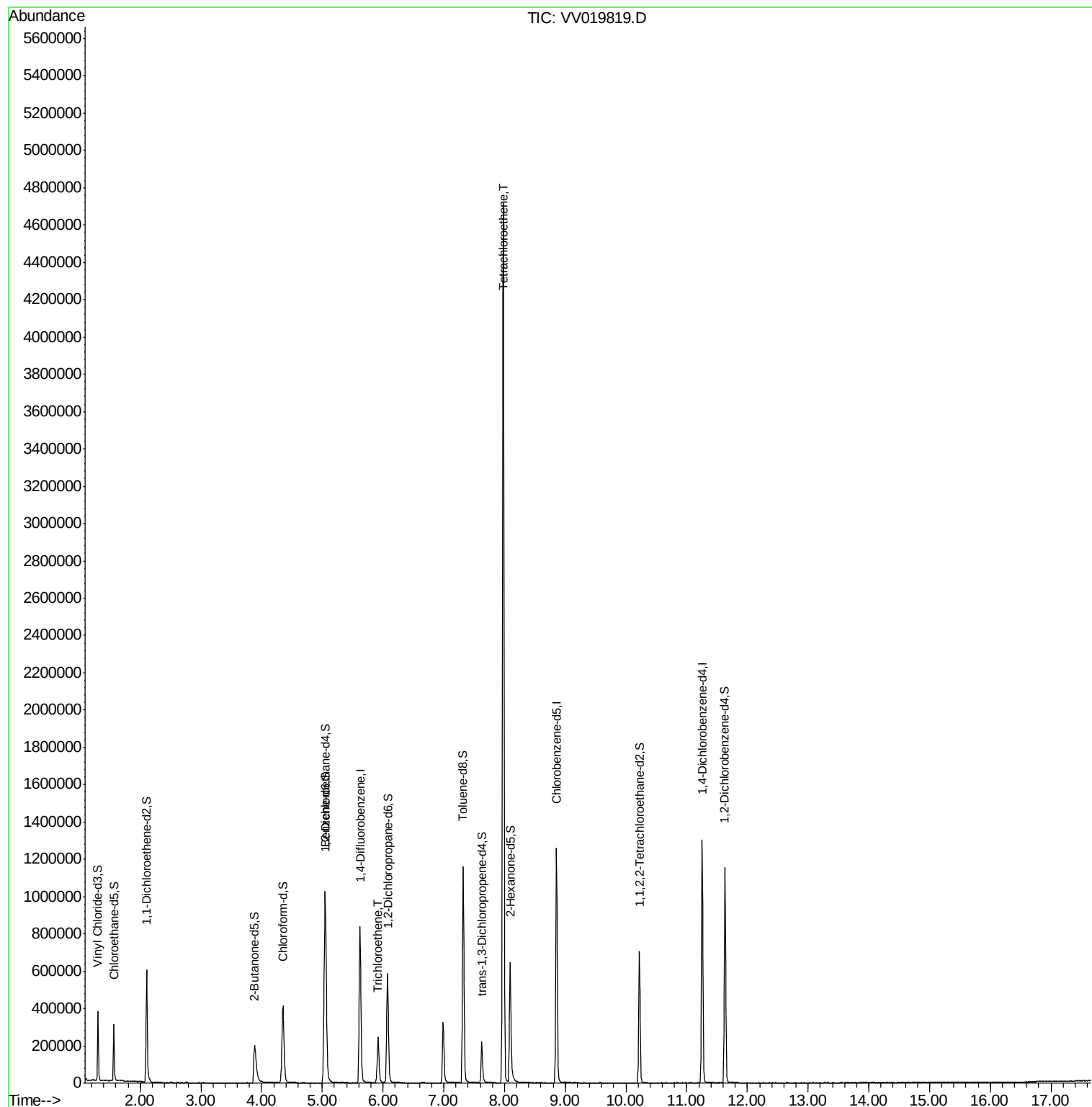
Target Compounds					Ovalue
34) Trichloroethene	5.92	95	81197	16.473 ug/L	97
46) Tetrachloroethene	7.98	164	939440	275.442 ug/L	99

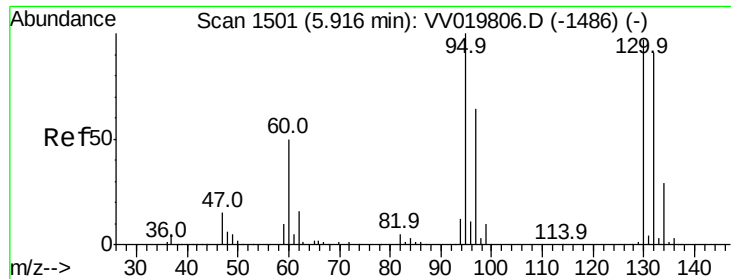
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#34

Trichloroethene

Concen: 16.473 ug/L

RT: 5.92 min Scan# 1502

Delta R.T. 0.00 min

Lab File: VV019819.D

Acq: 23 Dec 2020 18:10

Instrument :

MSVOA_V

ClientSampleId :

BG4T0

Tot Ion: 95 Resp: 81197

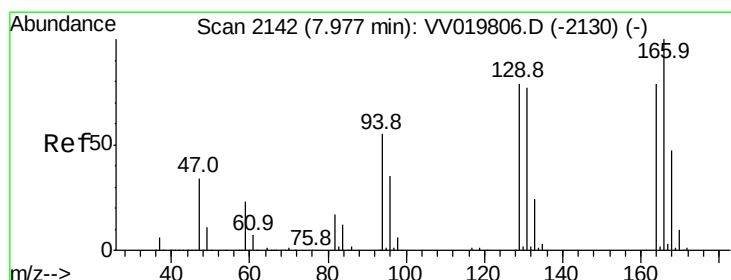
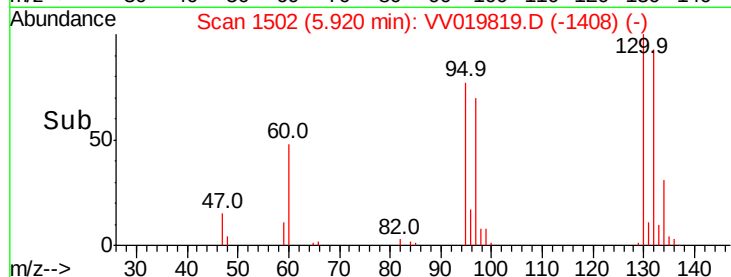
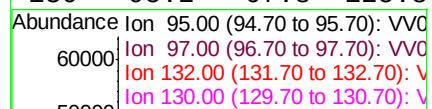
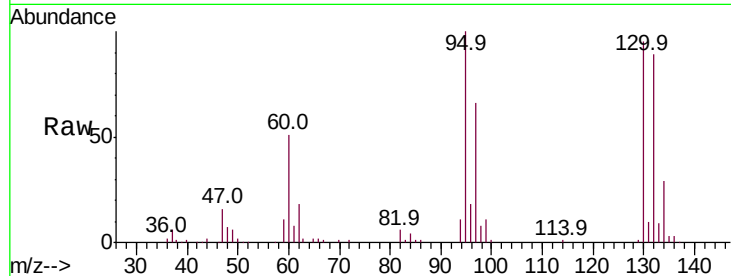
Ion Ratio Lower Upper

95 100

97 66.4 44.4 82.4

132 89.0 64.3 119.3

130 95.2 67.8 125.8



#46

Tetrachloroethene

Concen: 275.442 ug/L

RT: 7.98 min Scan# 2143

Delta R.T. 0.00 min

Lab File: VV019819.D

Acq: 23 Dec 2020 18:10

Tgt Ion:164 Resp: 939440

Ion Ratio Lower Upper

164 100

129 102.1 70.6 131.0

131 98.2 68.0 126.4

166 126.0 86.9 161.5

