

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV121020\
 Data File : VV019523.D
 Acq On : 10 Dec 2020 20:40
 Operator : SY/MD
 Sample : L4997-09
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AQ5

Quant Time: Dec 11 02:40:02 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM121020WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Dec 11 02:38:22 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.62	114	688365	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.86	117	648883	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.25	152	299325	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	202793	41.08	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	82.16%
7) Chloroethane-d5	1.57	69	172534	44.32	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	88.64%
11) 1,1-Dichloroethene-d2	2.02	63	278	0.03	ug/L	-0.09
Spiked Amount	50.000	Range	60 - 125	Recovery	=	0.06%#
21) 2-Butanone-d5	3.89	46	256520	95.61	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	95.61%
24) Chloroform-d	4.35	84	405234	45.55	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.10%
26) 1,2-Dichloroethane-d4	5.04	65	285356	49.08	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.16%
32) Benzene-d6	5.05	84	811304	46.88	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.76%
36) 1,2-Dichloropropane-d6	6.07	67	259093	47.79	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	95.58%
41) Toluene-d8	7.32	98	731708	46.96	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.92%
43) trans-1,3-Dichloropropene-	7.62	79	138579	44.94	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	89.88%
47) 2-Hexanone-d5	8.09	63	202269	95.07	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	95.07%
57) 1,1,2,2-Tetrachloroethane-	10.22	84	340004	46.37	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	92.74%
64) 1,2-Dichlorobenzene-d4	11.63	152	268854	48.05	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.10%

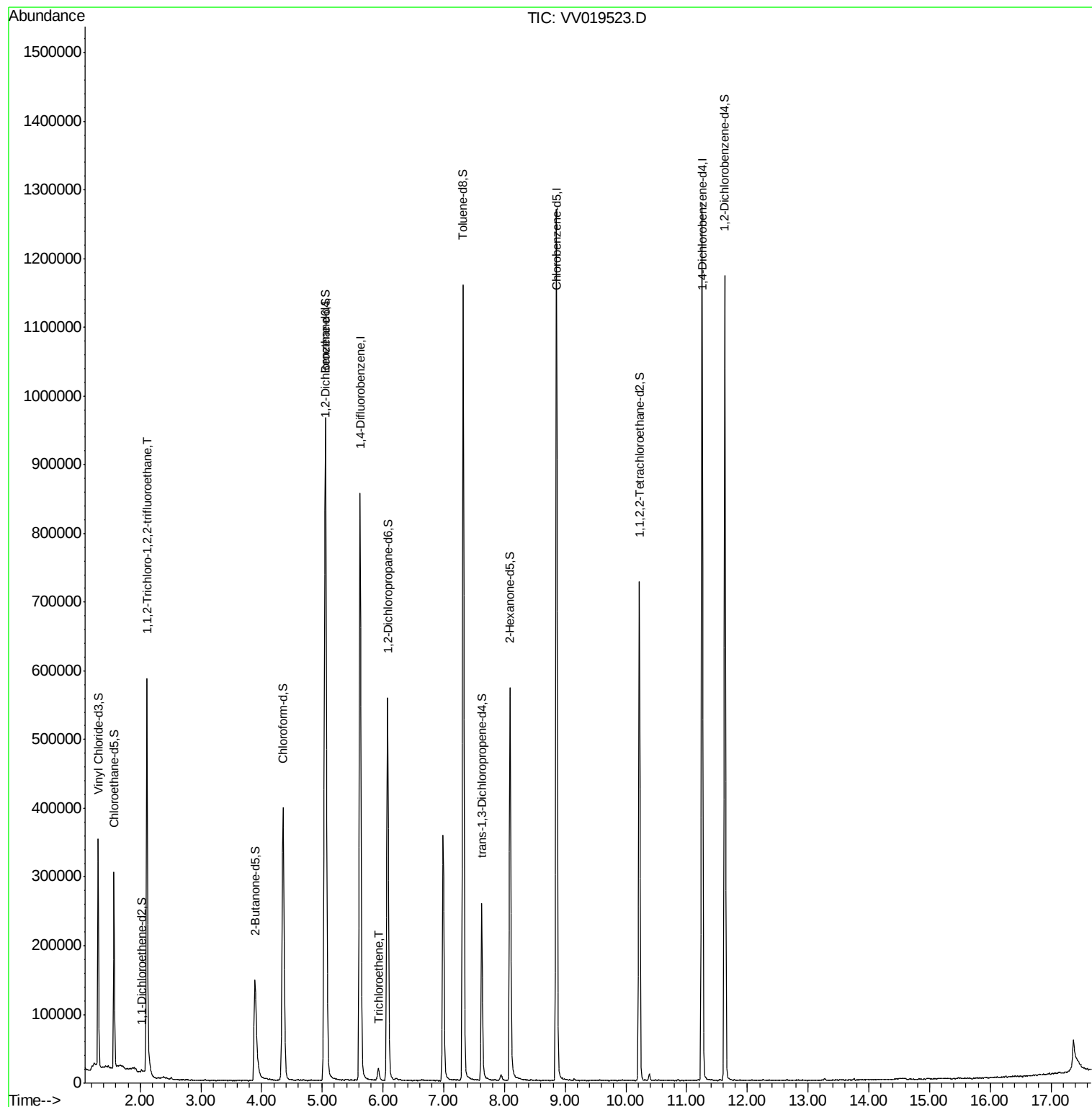
Target Compounds					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.11	101	2957	0.740 ug/L #	24
34) Trichloroethene	5.93	95	5404	1.079 ug/L	95

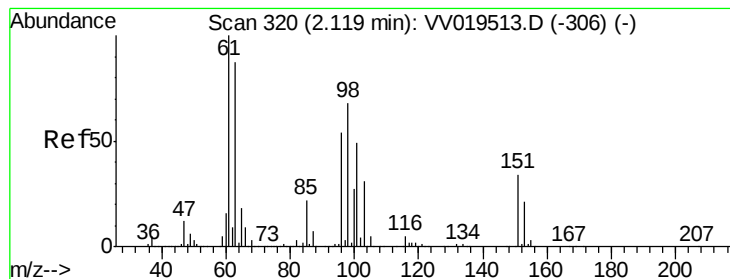
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.740 ug/L

RT: 2.11 min Scan# 318

Delta R.T. -0.01 min

Lab File: VV019523.D

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MSVOA_V

ClientSampleId :

C0AQ5

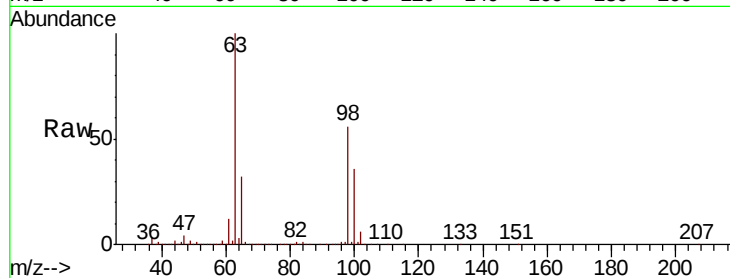
Tot Ion:101 Resp: 2957

Ion Ratio Lower Upper

101 100

85 1.4 35.0 52.4#

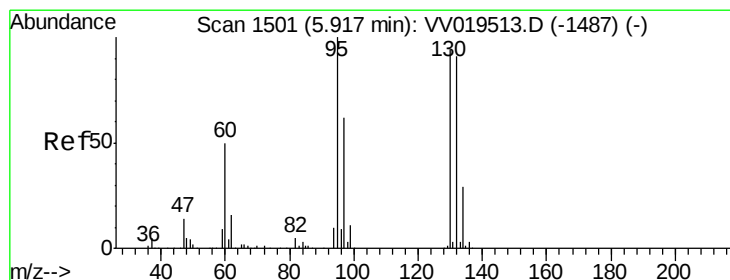
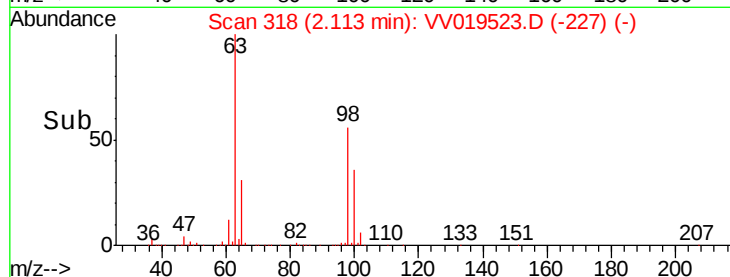
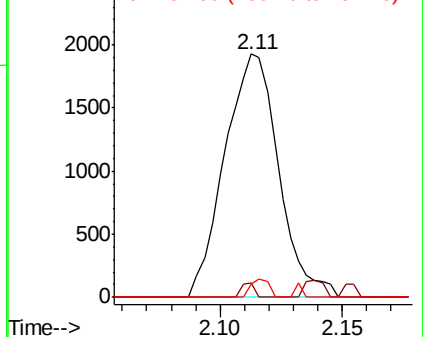
151 2.4 55.8 83.8#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VV0

Ion 151.00 (150.70 to 151.70): V



#34

Trichloroethene

Concen: 1.079 ug/L

RT: 5.93 min Scan# 1504

Delta R.T. 0.01 min

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Tgt Ion: 95 Resp: 5404

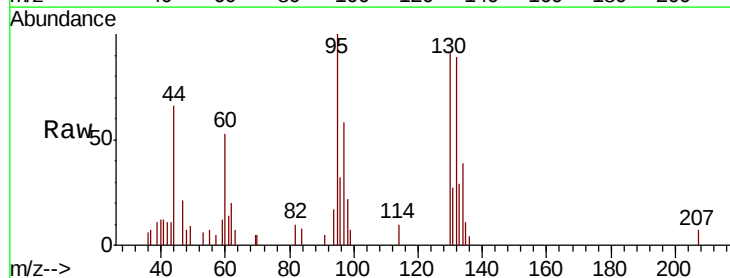
Ion Ratio Lower Upper

95 100

97 58.4 44.4 82.4

132 88.7 64.3 119.3

130 90.5 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

