

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV121020\
 Data File : VV019518.D
 Acq On : 10 Dec 2020 18:40
 Operator : SY/MD
 Sample : L4997-04
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AN9

Quant Time: Dec 11 02:39:31 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	581177	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.86	117	535314	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.25	152	250589	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	196537	47.16	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	94.32%
7) Chloroethane-d5	1.57	69	163758	49.82	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	99.64%
11) 1,1-Dichloroethene-d2	2.11	63	300252	38.82	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	77.64%
21) 2-Butanone-d5	3.89	46	241864	106.78	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	106.78%
24) Chloroform-d	4.35	84	385756	51.36	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.72%
26) 1,2-Dichloroethane-d4	5.04	65	267300	54.46	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	108.92%
32) Benzene-d6	5.05	84	773371	54.17	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	108.34%
36) 1,2-Dichloropropane-d6	6.07	67	242496	54.22	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	108.44%
41) Toluene-d8	7.32	98	688739	53.58	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	107.16%
43) trans-1,3-Dichloropropene-	7.62	79	133667	52.54	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	105.08%
47) 2-Hexanone-d5	8.09	63	187939	107.07	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	107.07%
57) 1,1,2,2-Tetrachloroethane-	10.22	84	316716	52.36	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	104.72%
64) 1,2-Dichlorobenzene-d4	11.63	152	253074	54.03	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	108.06%

Target Compounds

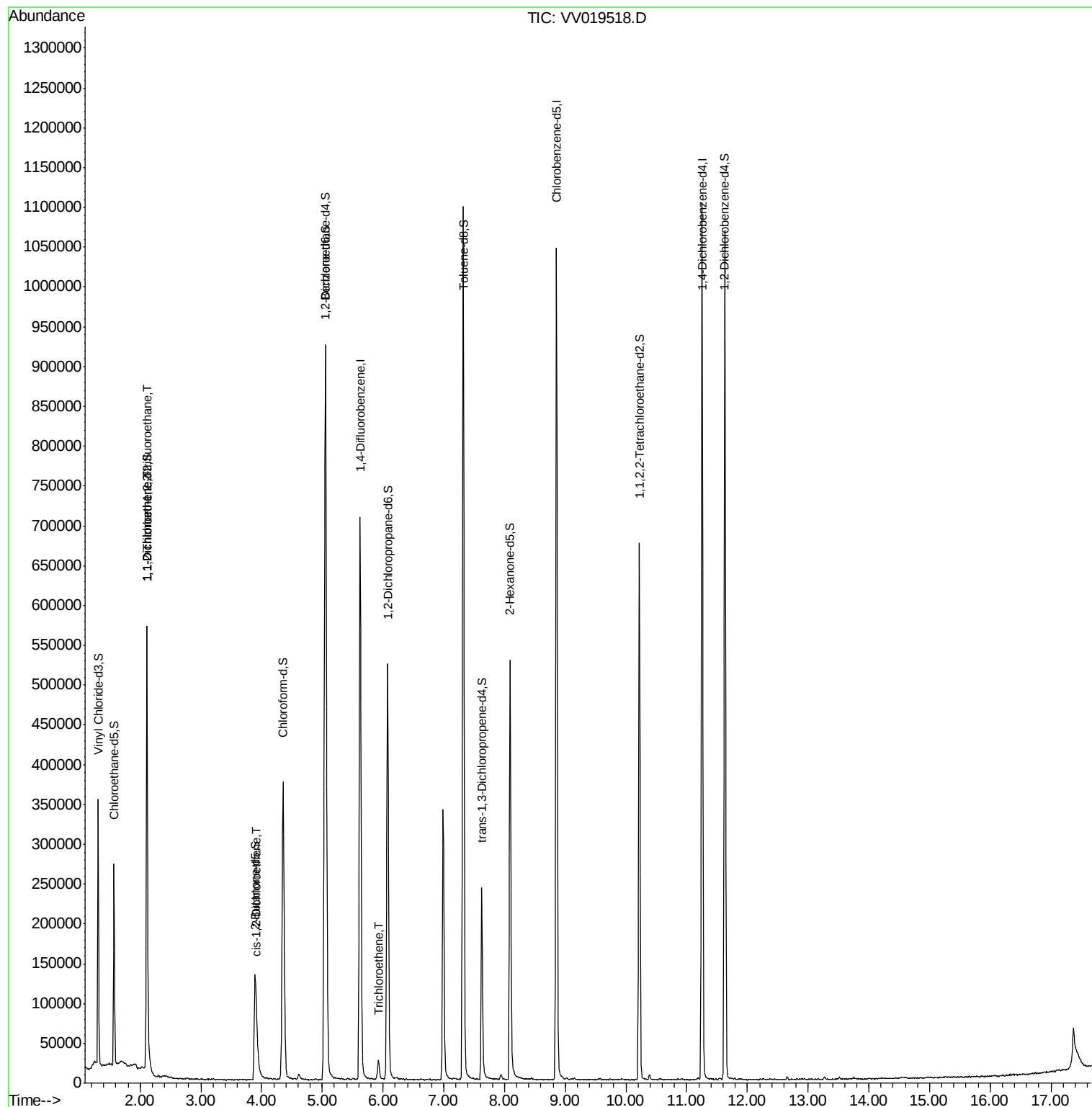
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.11	101	2710	0.803 ug/L #	33
12) 1,1-Dichloroethene	2.12	96	8164	2.358 ug/L #	1
20) cis-1,2-Dichloroethene	3.92	96	6550	1.570 ug/L #	92
34) Trichloroethene	5.93	95	8206	1.986 ug/L	97

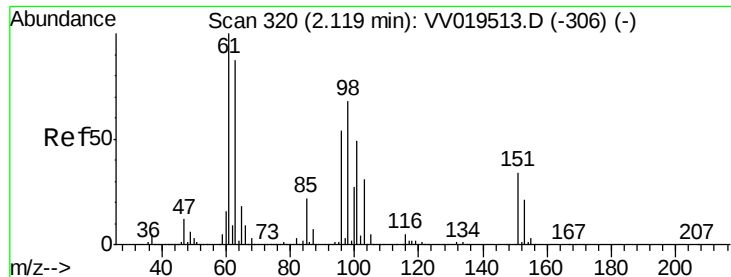
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.803 ug/L

RT: 2.11 min Scan# 318

Delta R.T. -0.01 min

Lab File: VV019518.D

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C0AN9

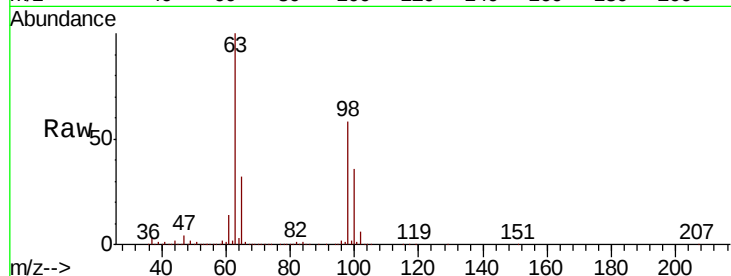
Tot Ion:101 Resp: 2710

Ion Ratio Lower Upper

101 100

85 11.4 35.0 52.4#

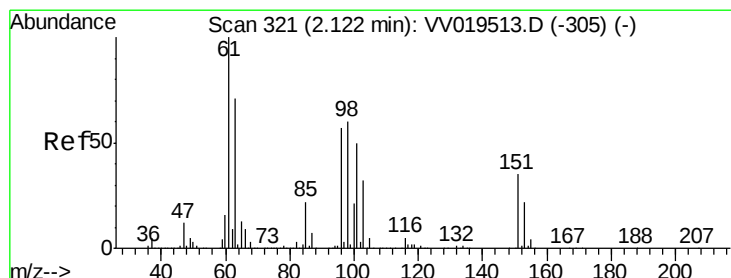
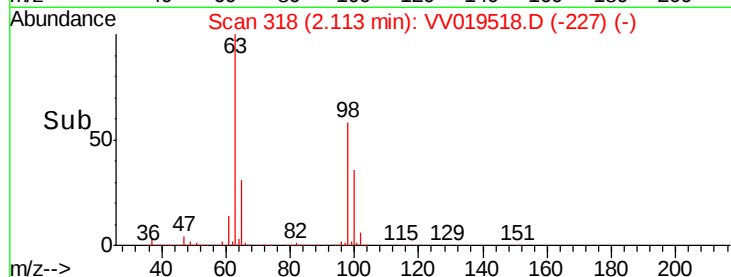
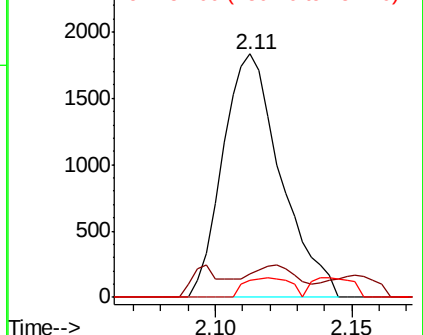
151 6.3 55.8 83.8#



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



#12

1,1-Dichloroethene

Concen: 2.358 ug/L

RT: 2.12 min Scan# 321

Delta R.T. -0.00 min

Lab File: VV019518.D

Acq: 10 Dec 2020 18:40

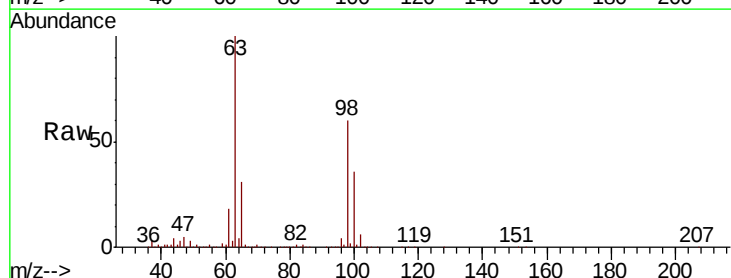
Tgt Ion: 96 Resp: 8164

Ion Ratio Lower Upper

96 100

61 391.1 120.7 224.1#

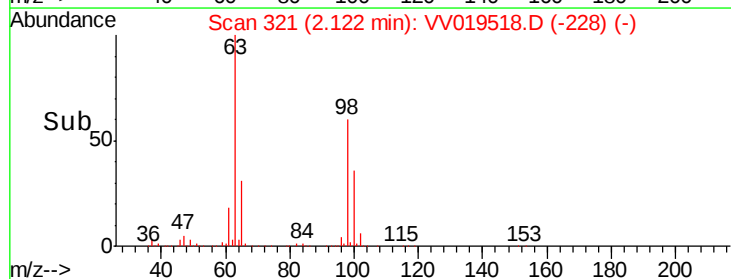
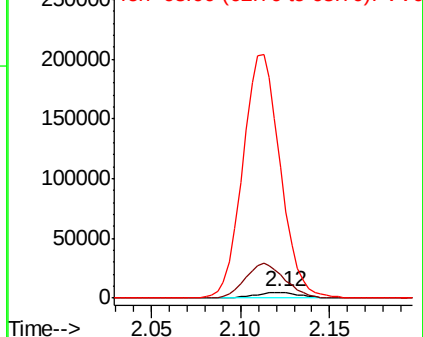
63 2233.2 64.3 119.5#

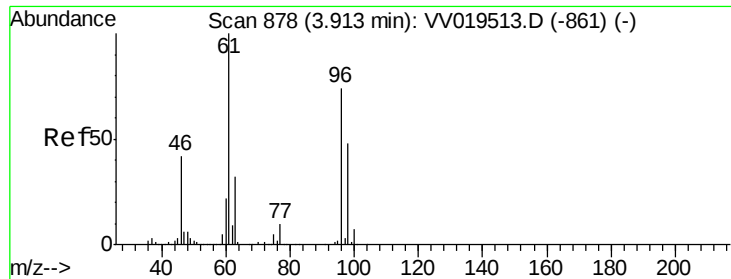


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.00 (60.70 to 61.70): VV0

Ion 63.00 (62.70 to 63.70): VV0

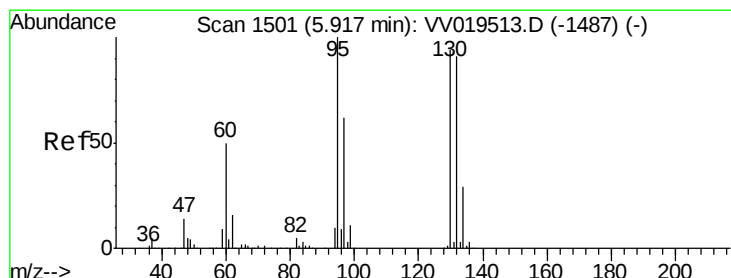
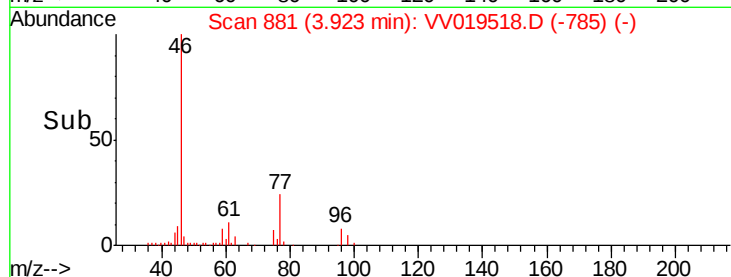
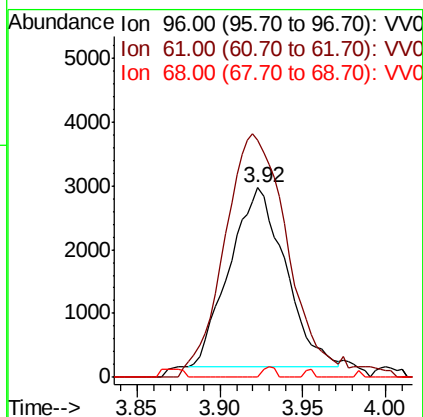
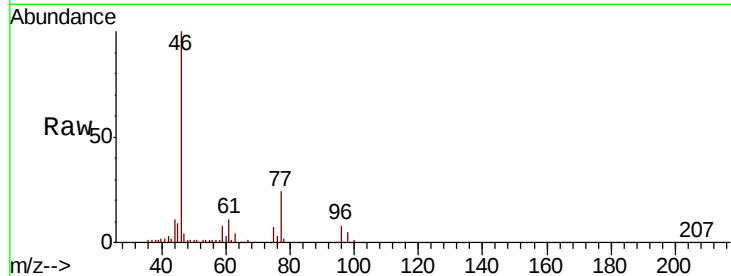




#20
 cis-1,2-Dichloroethene
 Concen: 1.570 ug/L
 RT: 3.92 min Scan# 881
 Delta R.T. 0.01 min
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Tot Ion: 96 Resp: 6550
 Ion Ratio Lower Upper
 96 100
 61 125.1 94.1 174.8
 68 0.0 0.1 0.1#



#34
 Trichloroethene
 Concen: 1.986 ug/L
 RT: 5.93 min Scan# 1504
 Delta R.T. 0.01 min
 Lab File: VV019518.D
 Acq: 10 Dec 2020 18:40

Tgt Ion: 95 Resp: 8206
 Ion Ratio Lower Upper
 95 100
 97 66.4 44.4 82.4
 132 86.5 64.3 119.3
 130 98.0 67.8 125.8

