

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV121020\
 Data File : VV019524.D
 Acq On : 10 Dec 2020 21:04
 Operator : SY/MD
 Sample : L4997-10
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AQ6

Quant Time: Dec 11 02:40:07 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	681192	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.86	117	630793	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.25	152	291946	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	204557	41.88	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	83.76%
7) Chloroethane-d5	1.57	69	174436	45.28	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	90.56%
11) 1,1-Dichloroethene-d2	2.11	63	319474	35.24	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	70.48%
21) 2-Butanone-d5	3.90	46	267461	100.74	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	100.74%
24) Chloroform-d	4.35	84	409906	46.56	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.12%
26) 1,2-Dichloroethane-d4	5.04	65	284672	49.48	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.96%
32) Benzene-d6	5.05	84	814543	48.42	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.84%
36) 1,2-Dichloropropane-d6	6.07	67	257308	48.82	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	97.64%
41) Toluene-d8	7.32	98	727532	48.03	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.06%
43) trans-1,3-Dichloropropene-	7.62	79	141489	47.20	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	94.40%
47) 2-Hexanone-d5	8.09	63	202740	98.02	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	98.02%
57) 1,1,2,2-Tetrachloroethane-	10.22	84	340843	47.82	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	95.64%
64) 1,2-Dichlorobenzene-d4	11.63	152	268539	49.21	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.42%

Target Compounds

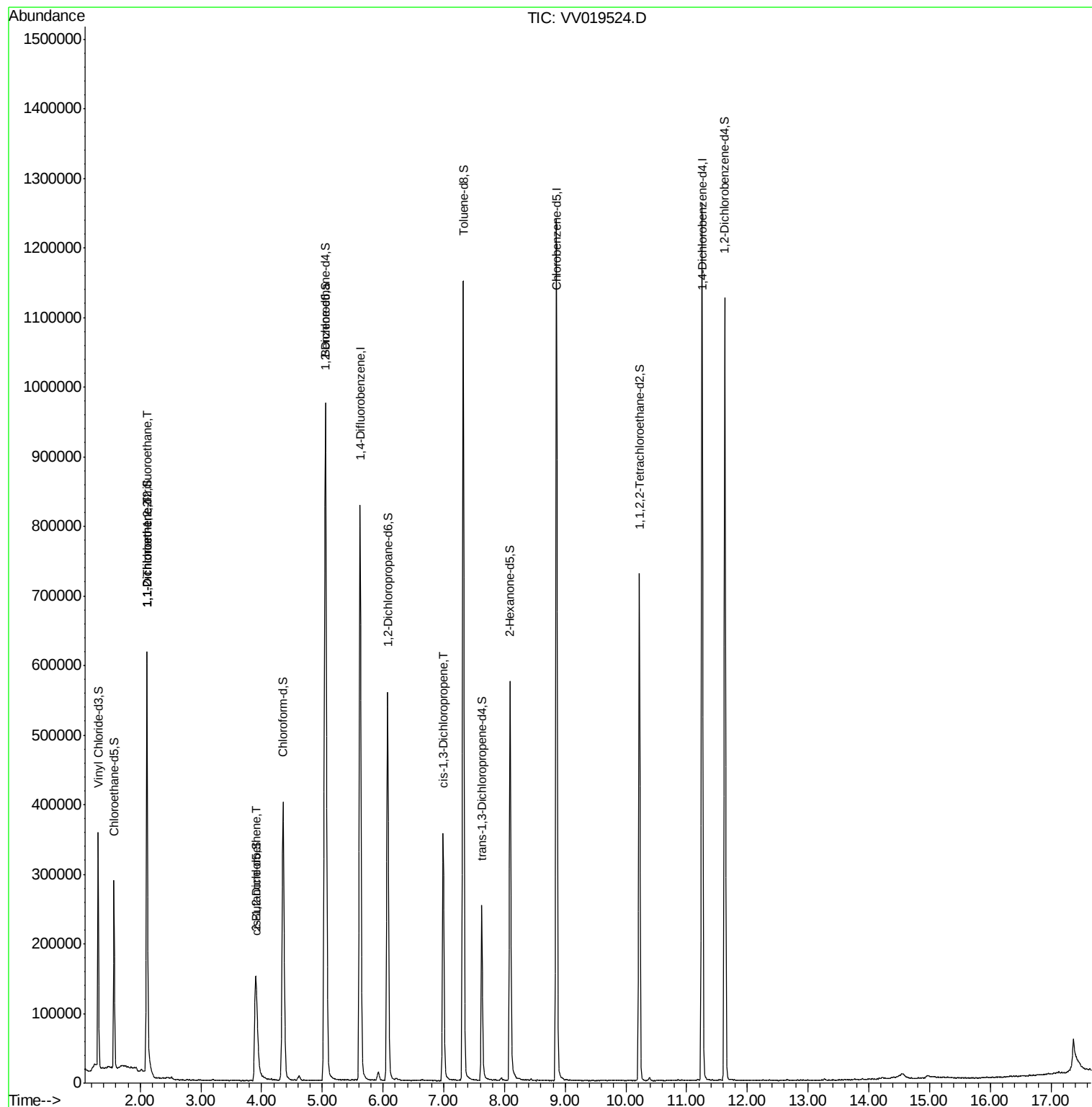
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.11	101	2958	0.748 ug/L #	30
12) 1,1-Dichloroethene	2.12	96	17949	4.423 ug/L #	1
20) cis-1,2-Dichloroethene	3.92	96	18059	3.693 ug/L #	98
39) cis-1,3-Dichloropropene	6.99	75	9252	1.157 ug/L #	61

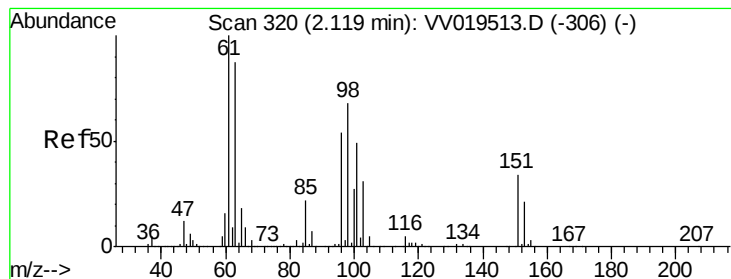
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.748 ug/L

RT: 2.11 min Scan# 318

Delta R.T. -0.01 min

Lab File: VV019524.D

Acq: 10 Dec 2020 21:04

Instrument :

MSVOA_V

ClientSampleId :

C0AQ6

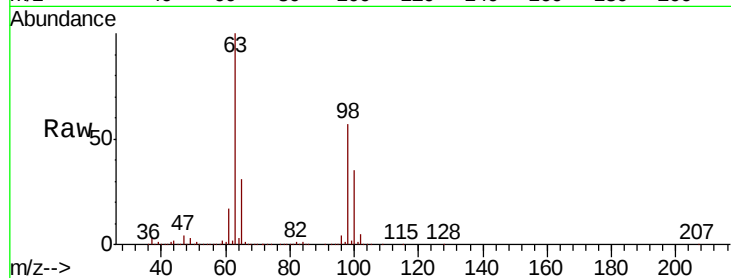
Tot Ion:101 Resp: 2958

Ion Ratio Lower Upper

101 100

85 9.2 35.0 52.4#

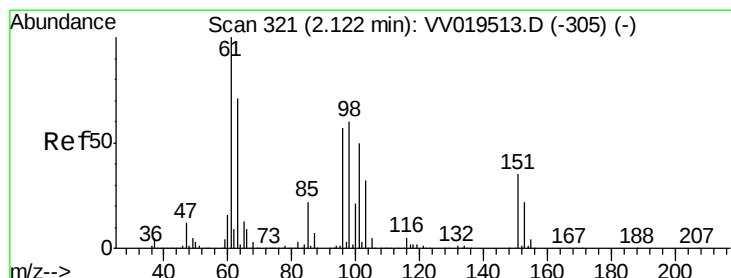
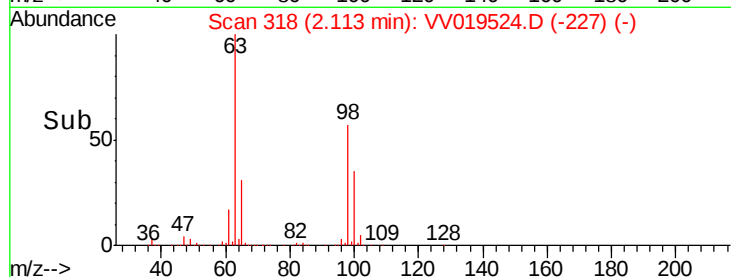
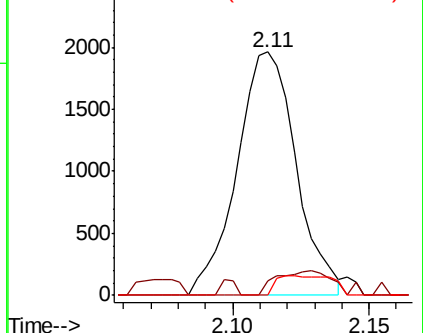
151 3.9 55.8 83.8#



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: 4.423 ug/L

RT: 2.12 min Scan# 321

Delta R.T. 0.00 min

Lab File: VV019524.D

Acq: 10 Dec 2020 21:04

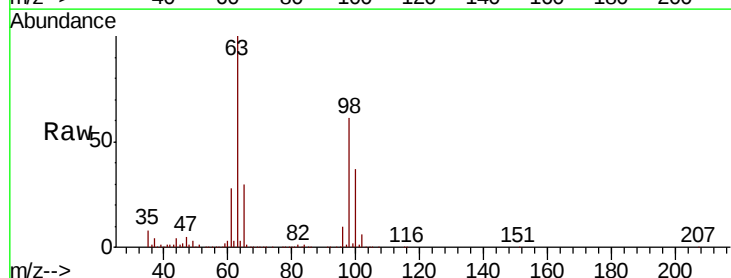
Tgt Ion: 96 Resp: 17949

Ion Ratio Lower Upper

96 100

61 281.5 120.7 224.1#

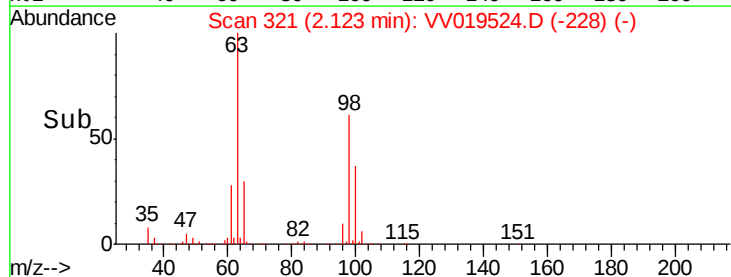
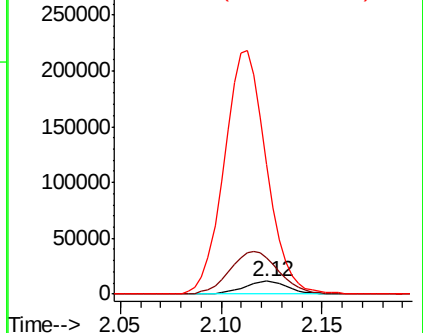
63 992.2 64.3 119.5#

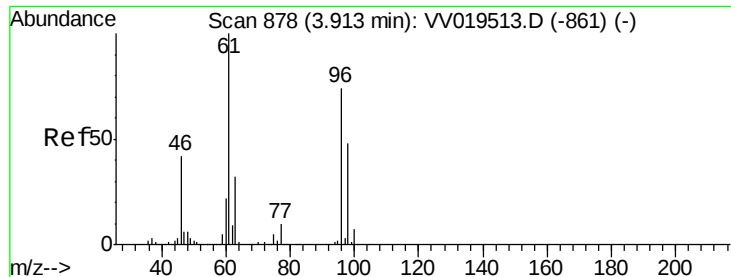


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.00 (60.70 to 61.70): VV0

Ion 63.00 (62.70 to 63.70): VV0

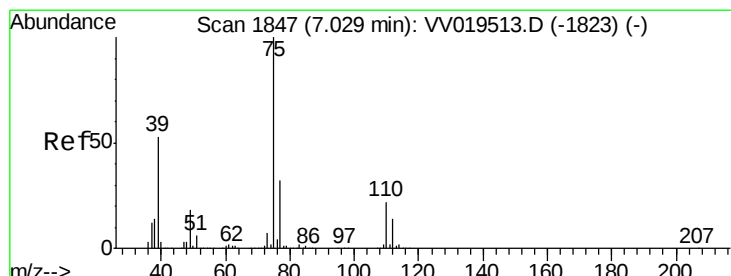
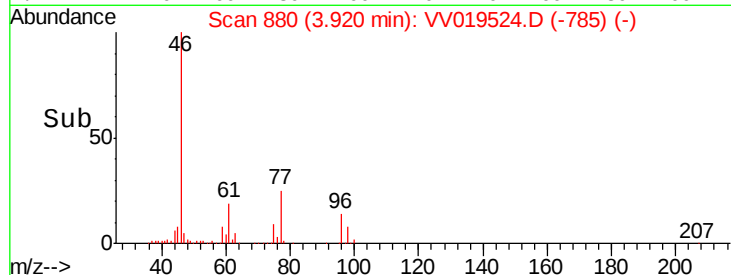
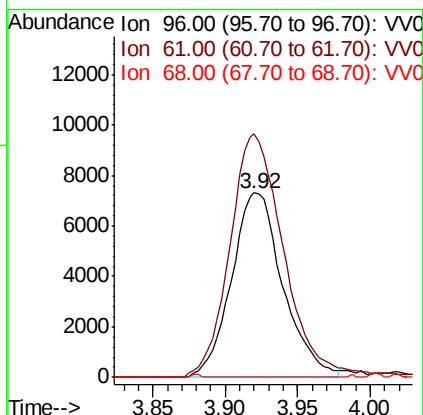
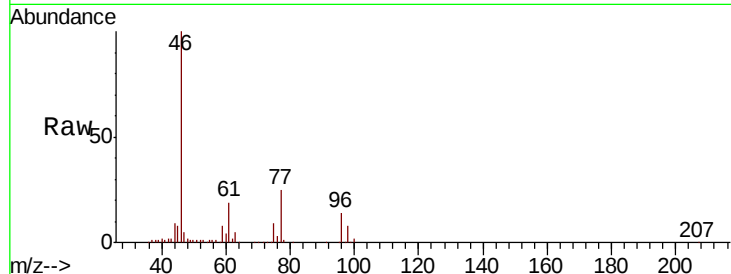




#20
 cis-1,2-Dichloroethene
 Concen: 3.693 ug/L
 RT: 3.92 min Scan# 880
 Delta R.T. 0.01 min
 Lab File: VV019524.D
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Tot Ion: 96 Resp: 18059
 Ion Ratio Lower Upper
 96 100
 61 132.1 94.1 174.8
 68 0.0 0.1 0.1#



#39
 cis-1,3-Dichloropropene
 Concen: 1.157 ug/L
 RT: 6.99 min Scan# 1835
 Delta R.T. -0.04 min
 Lab File: VV019524.D
 Acq: 10 Dec 2020 21:04

Tgt Ion: 75 Resp: 9252
 Ion Ratio Lower Upper
 75 100
 77 53.5 22.4 41.6#

