

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV121020\
 Data File : VV019526.D
 Acq On : 10 Dec 2020 21:52
 Operator : SY/MD
 Sample : L4997-12
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AQ8

Quant Time: Dec 11 03:59:57 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	680647	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.86	117	629457	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.25	152	293597	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	197060	40.37	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	80.74%
7) Chloroethane-d5	1.57	69	168068	43.66	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	87.32%
11) 1,1-Dichloroethene-d2	2.11	63	313640	34.62	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	69.24%
21) 2-Butanone-d5	3.90	46	259488	97.81	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	97.81%
24) Chloroform-d	4.35	84	397720	45.21	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.42%
26) 1,2-Dichloroethane-d4	5.04	65	275100	47.86	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.72%
32) Benzene-d6	5.05	84	789292	47.02	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.04%
36) 1,2-Dichloropropane-d6	6.07	67	252402	47.99	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	95.98%
41) Toluene-d8	7.32	98	708684	46.89	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.78%
43) trans-1,3-Dichloropropene-	7.62	79	133724	44.71	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	89.42%
47) 2-Hexanone-d5	8.09	63	196660	95.28	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	95.28%
57) 1,1,1,2,2-Tetrachloroethane-	10.22	84	330809	46.51	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	93.02%
64) 1,2-Dichlorobenzene-d4	11.63	152	262356	47.80	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.60%

Target Compounds

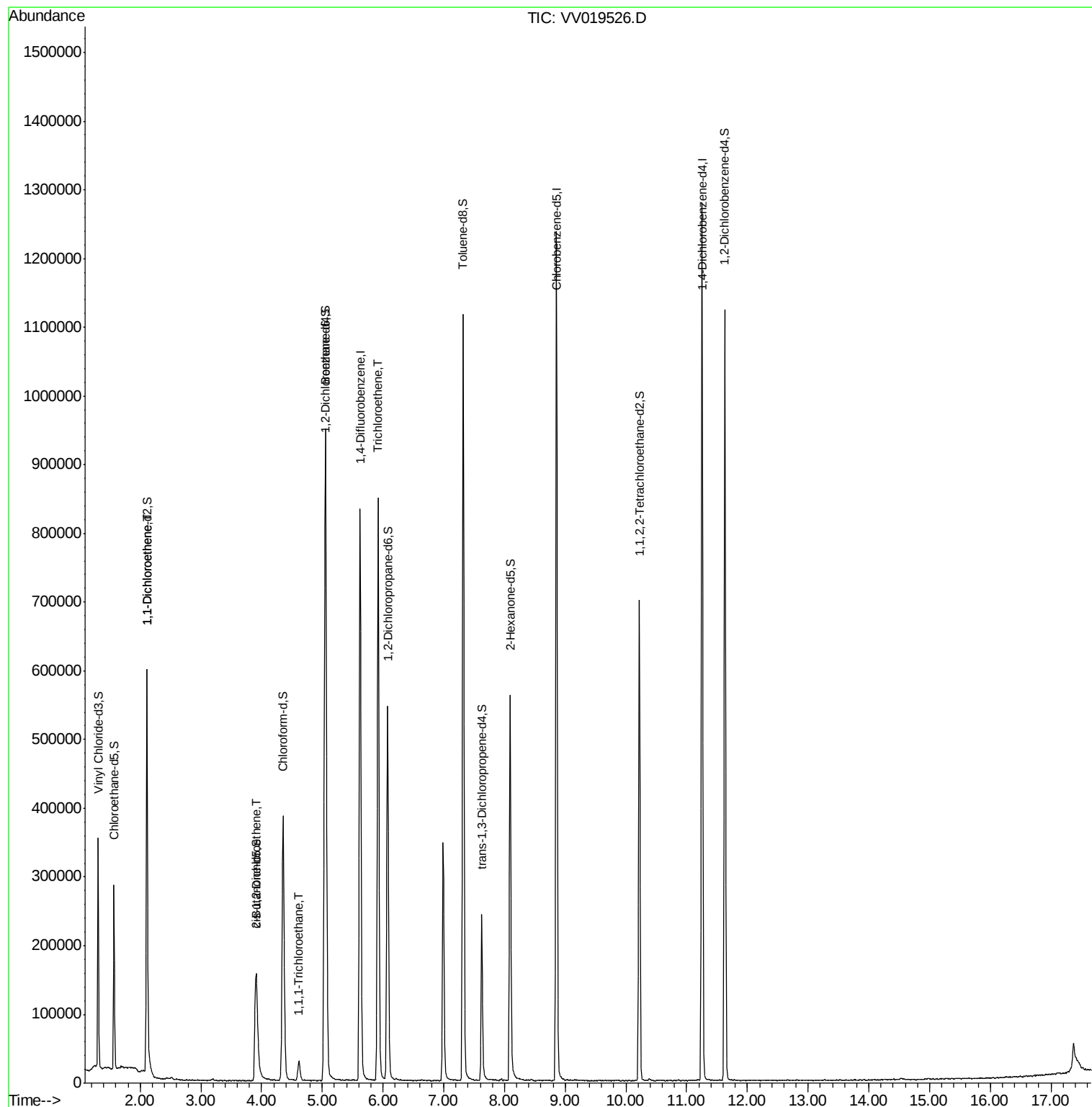
					Ovalue
12) 1,1-Dichloroethene	2.12	96	20965	5.170 ug/L #	1
20) cis-1,2-Dichloroethene	3.92	96	28299	5.792 ug/L #	97
30) 1,1,1-Trichloroethane	4.61	97	23163	2.935 ug/L	99
34) Trichloroethene	5.92	95	300462	61.828 ug/L	98

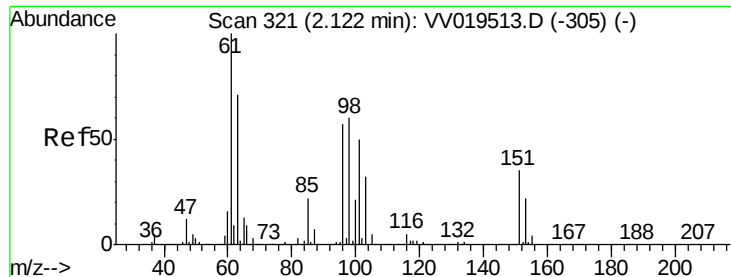
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 5.170 ug/L

RT: 2.12 min Scan# 320

Delta R.T. -0.00 min

Lab File: VV019526.D

Acq: 10 Dec 2020 21:52

Instrument :

MSVOA_V

ClientSampleId :

C0AQ8

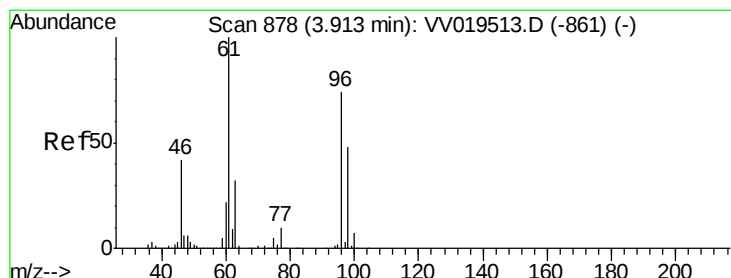
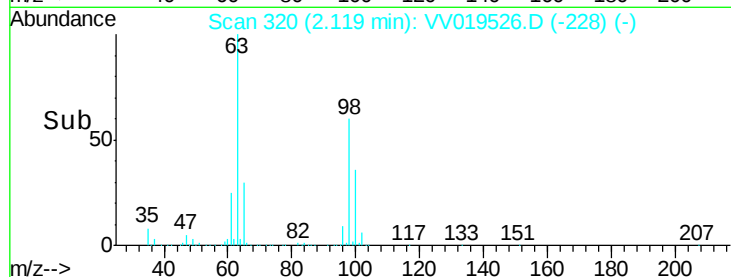
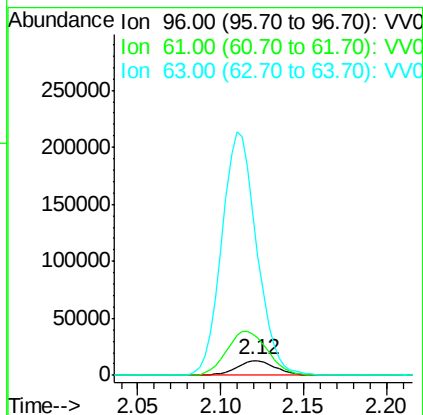
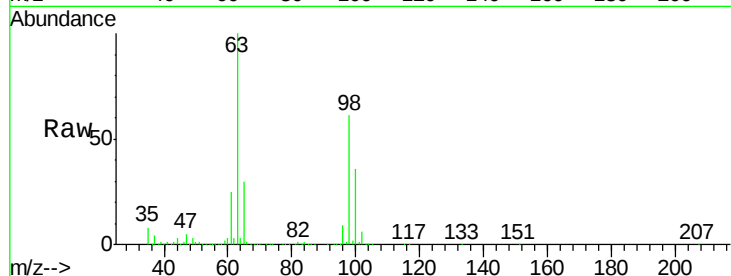
Tot Ion: 96 Resp: 20965

Ion Ratio Lower Upper

96 100

61 288.3 120.7 224.1#

63 1134.0 64.3 119.5#



#20

cis-1,2-Dichloroethene

Concen: 5.792 ug/L

RT: 3.92 min Scan# 880

Delta R.T. 0.01 min

Lab File: VV019526.D

Acq: 10 Dec 2020 21:52

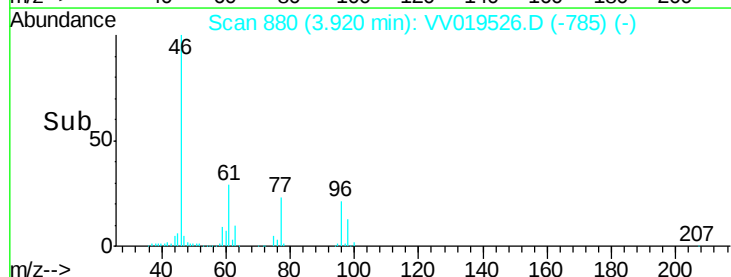
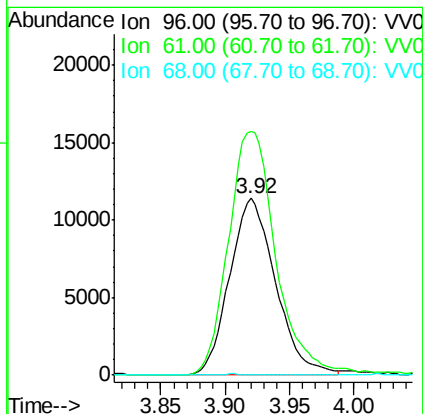
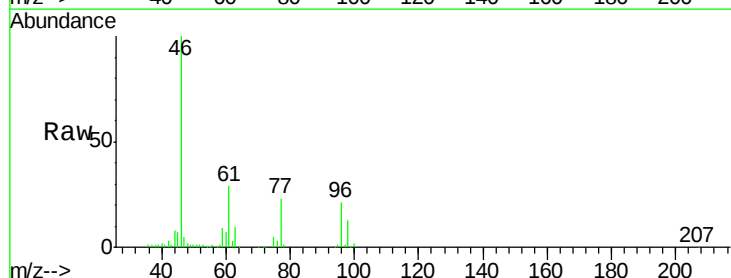
Tgt Ion: 96 Resp: 28299

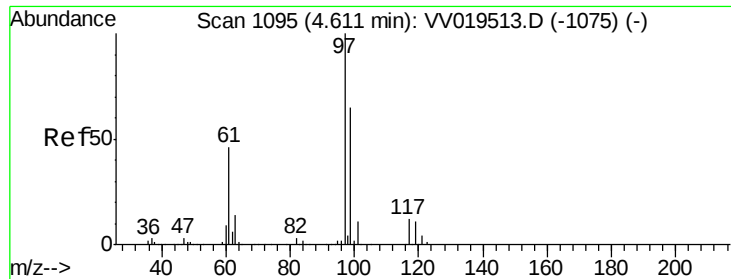
Ion Ratio Lower Upper

96 100

61 137.6 94.1 174.8

68 0.0 0.1 0.1#

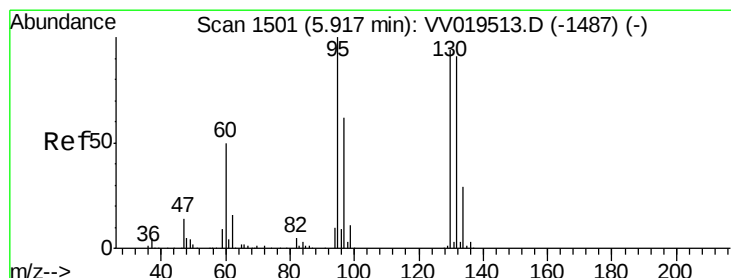
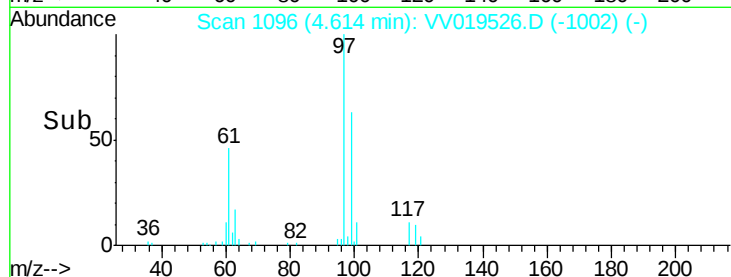
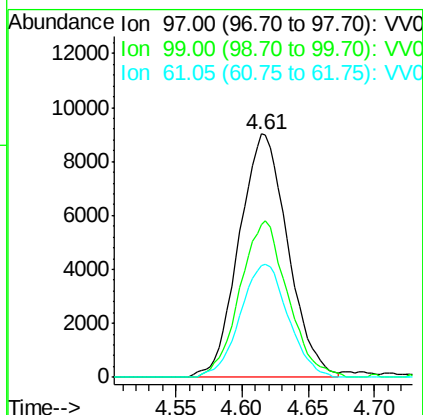
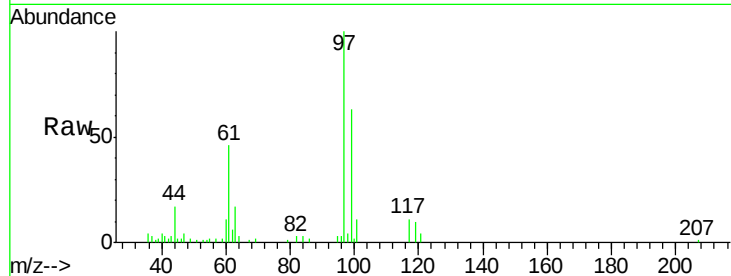




#30
 1,1,1-Trichloroethane
 Concen: 2.935 ug/L
 RT: 4.61 min Scan# 1096
 Delta R.T. 0.00 min
 Lab File: VV019526.D
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Tot Ion: 97 Resp: 23163
 Ion Ratio Lower Upper
 97 100
 99 62.7 51.3 76.9
 61 45.4 36.3 54.5



#34
 Trichloroethene
 Concen: 61.828 ug/L
 RT: 5.92 min Scan# 1502
 Delta R.T. 0.00 min
 Lab File: VV019526.D
 Acq: 10 Dec 2020 21:52

Tgt Ion: 95 Resp: 300462
 Ion Ratio Lower Upper
 95 100
 97 64.4 44.4 82.4
 132 90.0 64.3 119.3
 130 95.4 67.8 125.8

