

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV121820\
 Data File : VV019693.D
 Acq On : 18 Dec 2020 12:33
 Operator : SY/MD
 Sample : L5062-20
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0B31

Quant Time: Dec 19 07:51:24 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM121020WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Dec 19 05:26:51 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.62	114	487703	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.86	117	440058	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.25	152	190678	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	168648	48.22	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	96.44%
7) Chloroethane-d5	1.57	69	148139	53.71	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	107.42%
11) 1,1-Dichloroethene-d2	2.11	63	219943	33.89	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	67.78%
21) 2-Butanone-d5	3.89	46	312476	164.39	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	164.39%#
24) Chloroform-d	4.35	84	336000	53.31	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	106.62%
26) 1,2-Dichloroethane-d4	5.04	65	247959	60.20	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	120.40%
32) Benzene-d6	5.05	84	633132	53.94	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	107.88%
36) 1,2-Dichloropropane-d6	6.07	67	218546	59.44	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	118.88%
41) Toluene-d8	7.32	98	498524	47.18	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.36%
43) trans-1,3-Dichloropropene-	7.63	79	90731	43.39	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	86.78%
47) 2-Hexanone-d5	8.09	63	202314	140.21	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	140.21%#
57) 1,1,2,2-Tetrachloroethane-	10.22	84	294656	59.25	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	118.50%
64) 1,2-Dichlorobenzene-d4	11.63	152	183948	51.61	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	103.22%

Target Compounds

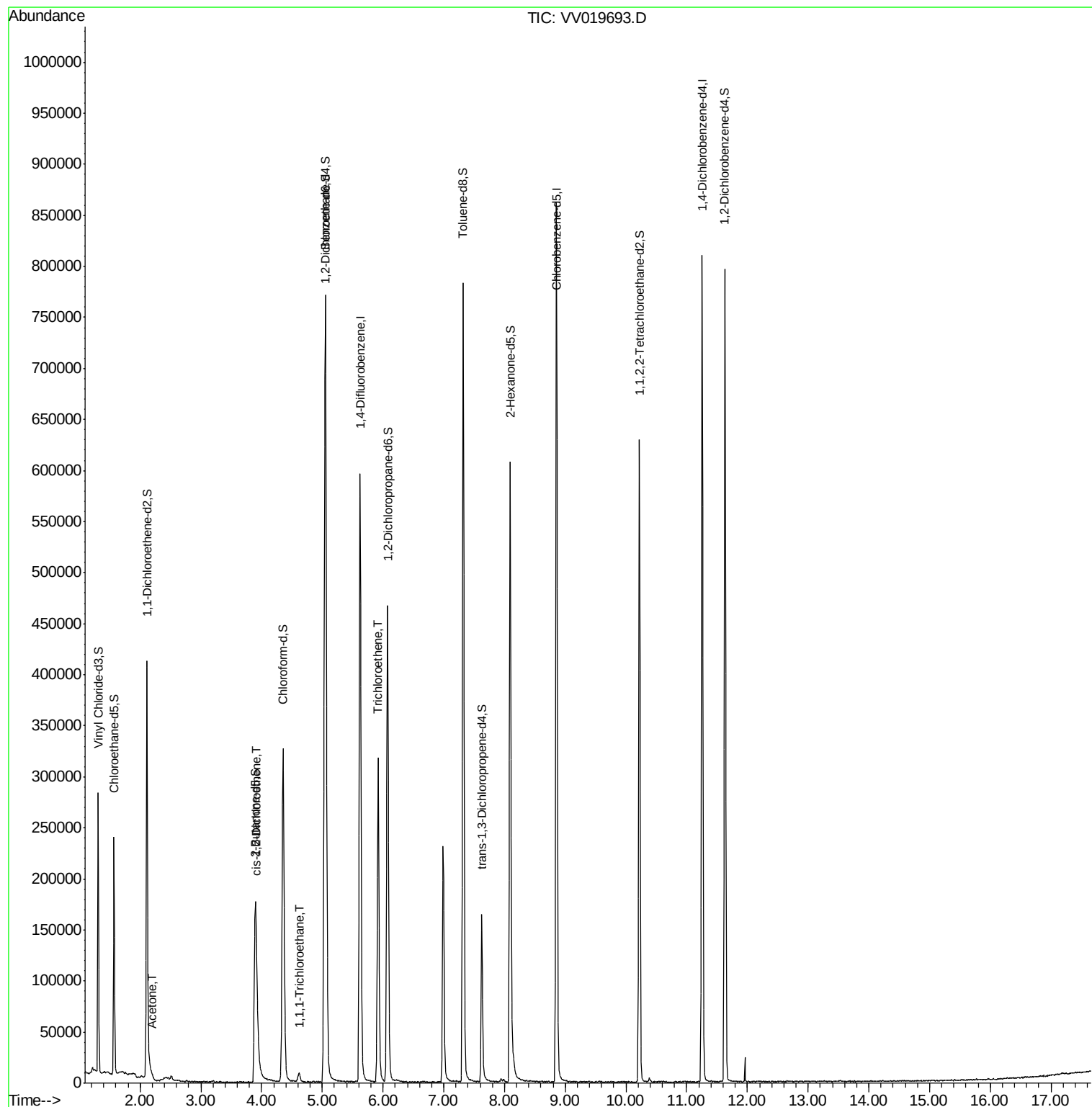
					Ovalue
13) Acetone	2.20	43	7645	4.721 ug/L	65
20) cis-1,2-Dichloroethene	3.92	96	11299	3.228 ug/L #	96
30) 1,1,1-Trichloroethane	4.61	97	7274	1.318 ug/L	96
34) Trichloroethene	5.92	95	110642	32.567 ug/L	100

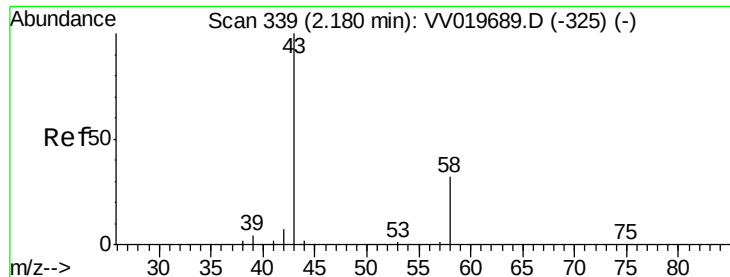
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 4.721 ug/L

RT: 2.20 min Scan# 345

Delta R.T. 0.02 min

Lab File: VV019693.D

Acq: 18 Dec 2020 12:33

Instrument :

MSVOA_V

ClientSampleId :

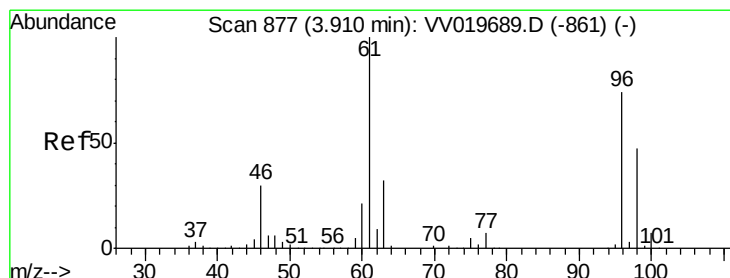
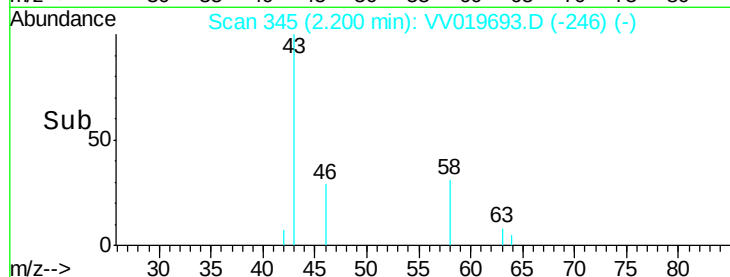
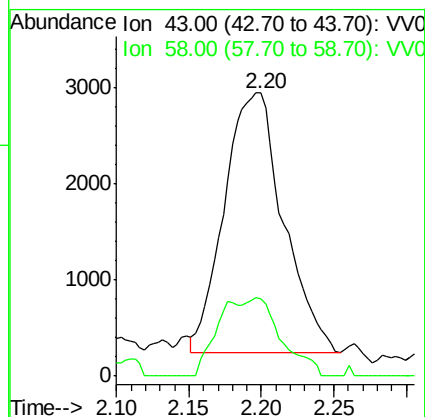
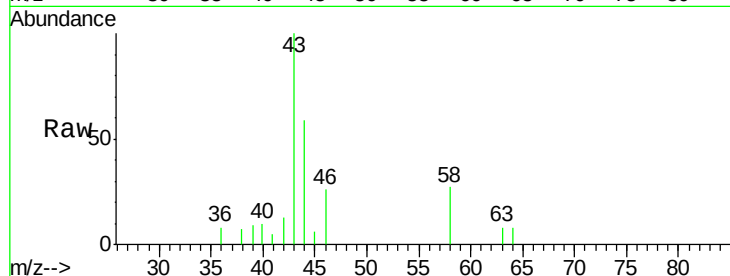
C0B31

Tot Ion: 43 Resp: 7645

Ion Ratio Lower Upper

43 100

58 11.8 0.0 61.6



#20

cis-1,2-Dichloroethene

Concen: 3.228 ug/L

RT: 3.92 min Scan# 880

Delta R.T. 0.01 min

Lab File: VV019693.D

Acq: 18 Dec 2020 12:33

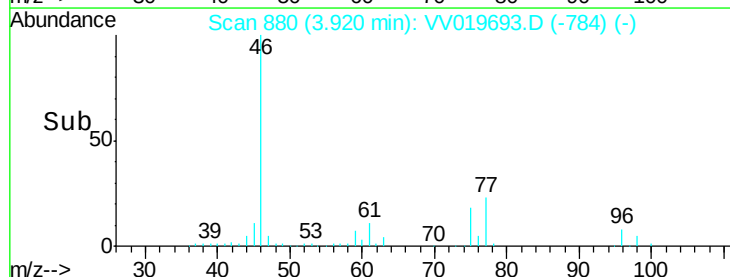
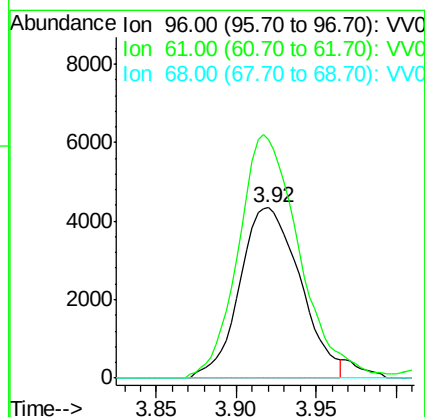
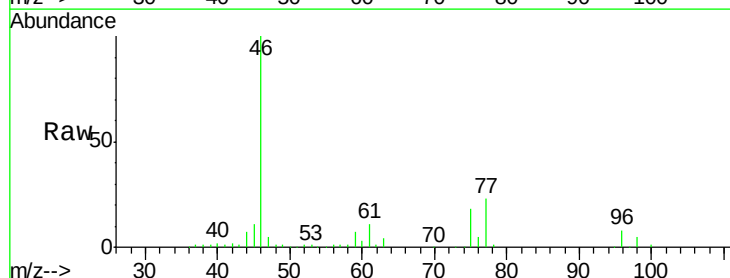
Tgt Ion: 96 Resp: 11299

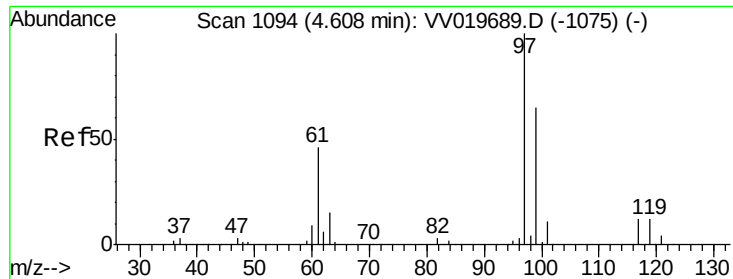
Ion Ratio Lower Upper

96 100

61 139.7 94.1 174.8

68 0.0 0.1 0.1#

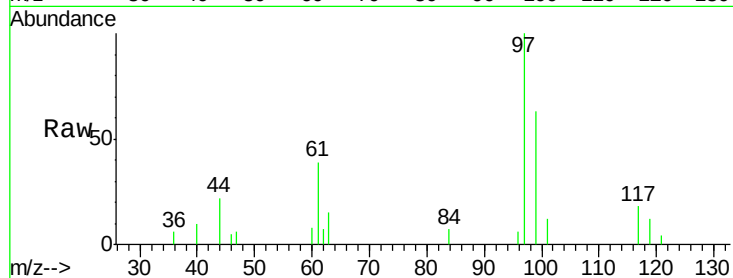




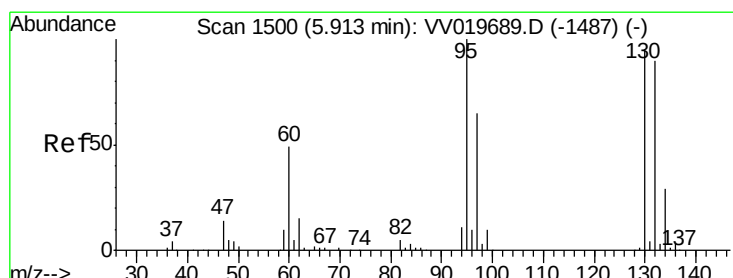
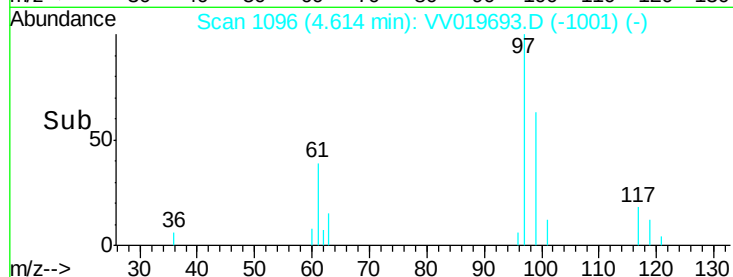
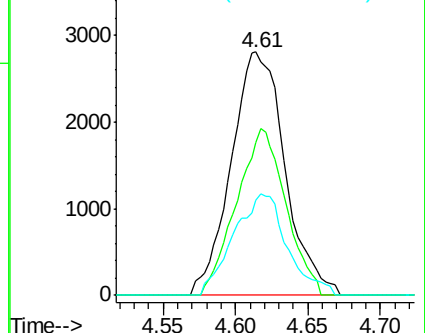
#30
 1,1,1-Trichloroethane
 Concen: 1.318 ug/L
 RT: 4.61 min Scan# 1096
 Delta R.T. 0.01 min
 Lab File: VV019693.D
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 ClientSampleId :
 C0B31

Tot Ion: 97 Resp: 7274
 Ion Ratio Lower Upper
 97 100
 99 62.6 51.3 76.9
 61 41.5 36.3 54.5

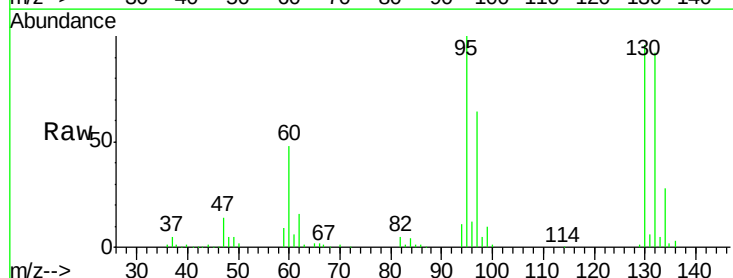


Abundance Ion 97.00 (96.70 to 97.70): VV0
 Ion 99.00 (98.70 to 99.70): VV0
 Ion 61.05 (60.75 to 61.75): VV0



#34
 Trichloroethene
 Concen: 32.567 ug/L
 RT: 5.92 min Scan# 1502
 Delta R.T. 0.01 min
 Lab File: VV019693.D
 Acq: 18 Dec 2020 12:33

Tgt Ion: 95 Resp: 110642
 Ion Ratio Lower Upper
 95 100
 97 64.2 44.4 82.4
 132 91.8 64.3 119.3
 130 96.3 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): VV0
 Ion 130.00 (129.70 to 130.70): VV0

