

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV010721\
 Data File : VV019917.D
 Acq On : 07 Jan 2021 13:02
 Operator : SY/MD
 Sample : VIBLK72
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VIBLK72

Quant Time: Jan 08 01:33:19 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM122820WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jan 08 01:32:18 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.62	114	537073	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.86	117	511447	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.26	152	243821	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	180234	43.37	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	86.74%
7) Chloroethane-d5	1.57	69	157097	47.55	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	95.10%
11) 1,1-Dichloroethene-d2	2.11	63	279254	35.55	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	71.10%
21) 2-Butanone-d5	3.89	46	289835	94.09	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	94.09%
24) Chloroform-d	4.35	84	361025	45.98	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.96%
26) 1,2-Dichloroethane-d4	5.04	65	255960	49.87	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.74%
32) Benzene-d6	5.05	84	702605	47.71	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.42%
36) 1,2-Dichloropropane-d6	6.07	67	229070	47.30	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	94.60%
41) Toluene-d8	7.32	98	601061	45.85	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.70%
43) trans-1,3-Dichloropropene-	7.63	79	101909	42.33	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	84.66%
47) 2-Hexanone-d5	8.09	63	163550	81.72	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	81.72%
57) 1,1,2,2-Tetrachloroethane-	10.22	84	274804	43.63	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	87.26%
64) 1,2-Dichlorobenzene-d4	11.63	152	223344	47.89	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.78%

Target Compounds

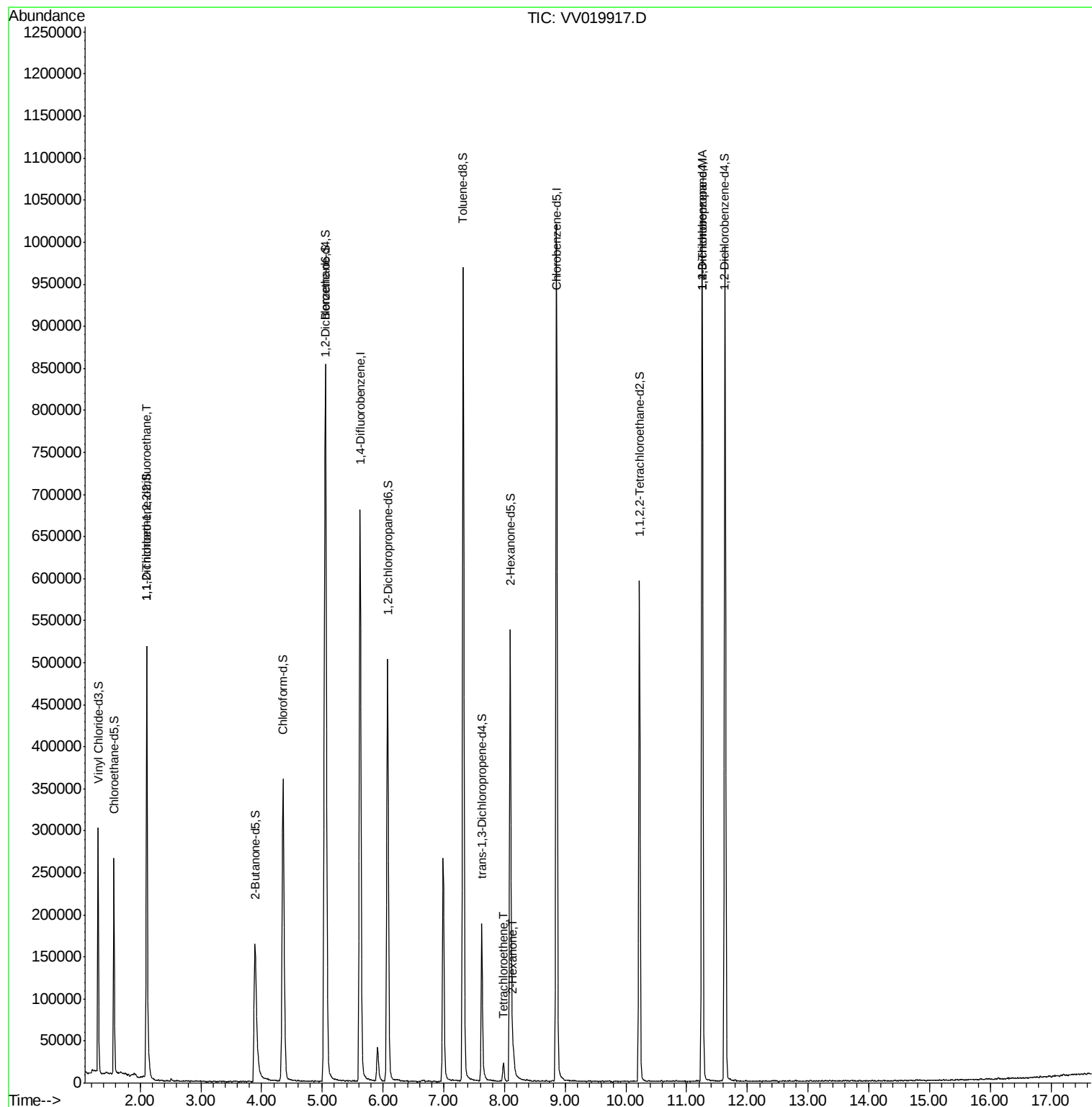
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.11	101	2563	0.753 ug/L #	25
46) Tetrachloroethene	7.98	164	4129	1.449 ug/L	90
48) 2-Hexanone	8.14	43	12965	2.592 ug/L #	48
59) 1,2,3-Trichloropropane	11.25	75	34306	6.247 ug/L	94

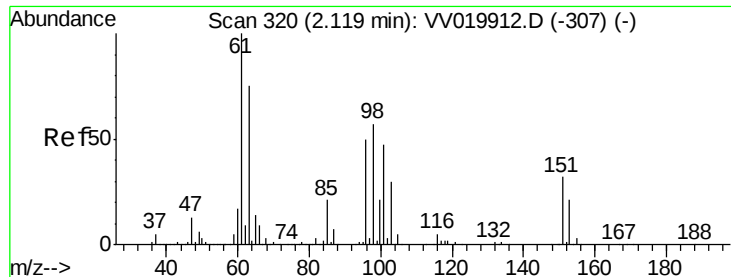
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Fri Jan 08 01:32:18 2021
Response via : Initial Calibration





#10

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

Concen: 0.753 ug/L

RT: 2.11 min Scan# 317

Delta R.T. -0.01 min

Lab File: VV019917.D

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Instrument :

MSVOA_V

ClientSampleId :

VIBLK72

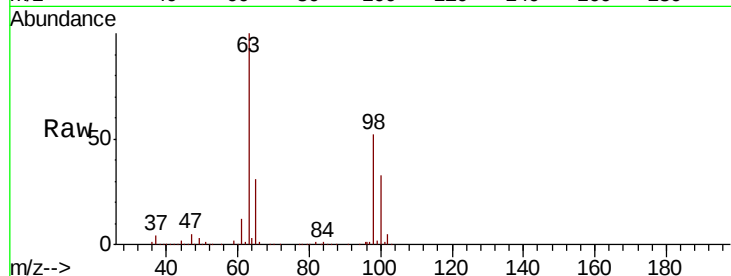
Tot Ion:101 Resp: 2563

Ion Ratio Lower Upper

101 100

85 3.8 35.3 52.9#

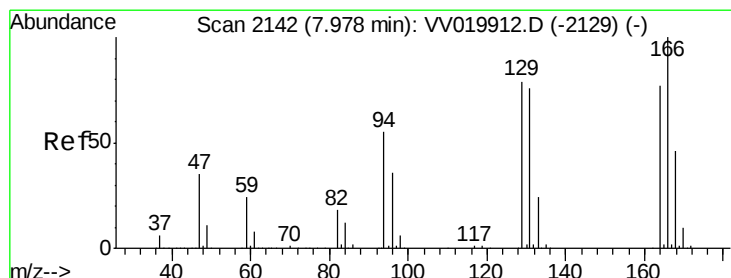
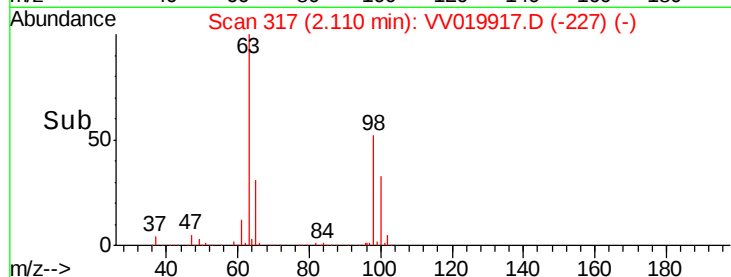
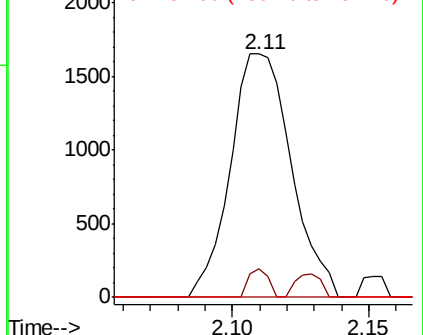
151 0.0 53.6 80.4#



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



#46

Tetrachloroethene

Concen: 1.449 ug/L

RT: 7.98 min Scan# 2143

Delta R.T. 0.00 min

Lab File: VV019917.D

Acq: 07 Jan 2021 13:02

Tgt Ion:164 Resp: 4129

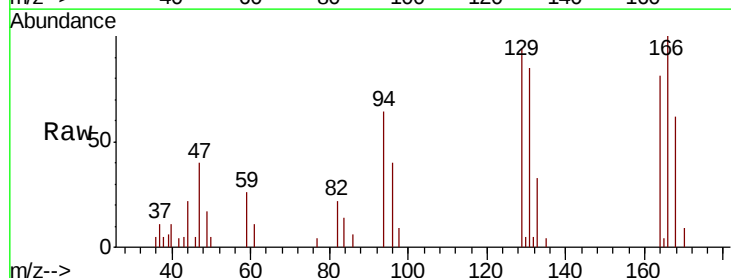
Ion Ratio Lower Upper

164 100

129 114.9 70.6 131.0

131 110.6 66.8 124.0

166 122.8 88.2 163.8

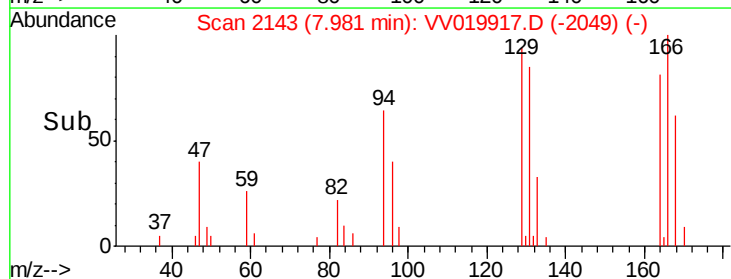
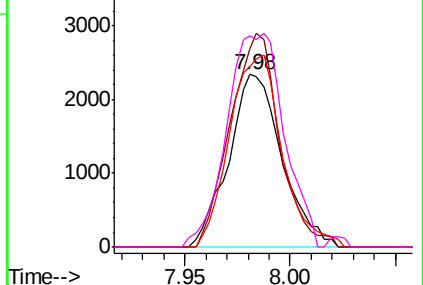


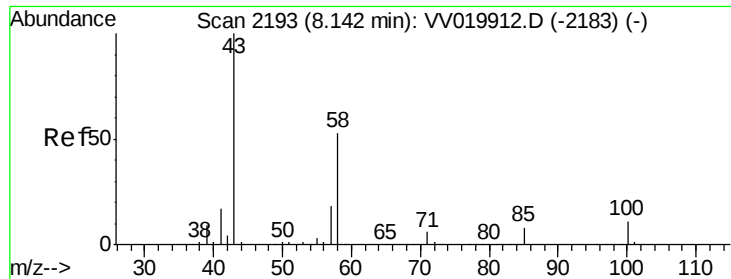
Abundance Ion 164.00 (163.70 to 164.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 131.00 (130.70 to 131.70): V

Ion 166.00 (165.70 to 166.70): V

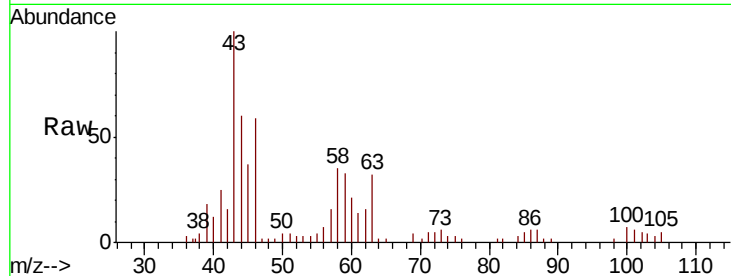




#48
2-Hexanone
Concen: 2.592 ug/L
RT: 8.14 min Scan# 2194
Delta R.T. 0.00 min
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Instrument :
MSVOA_V
ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
43	100		
58	4.0	41.8	62.6#
57	1.5	15.0	22.4#
100	11.3	8.9	13.3



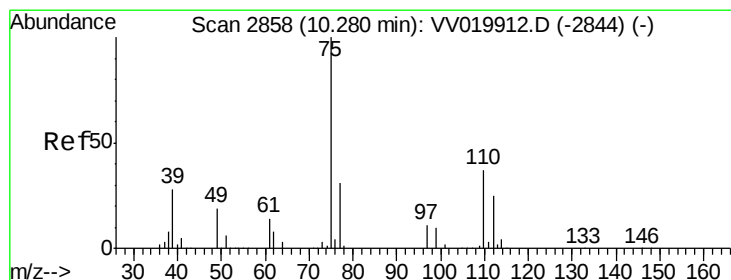
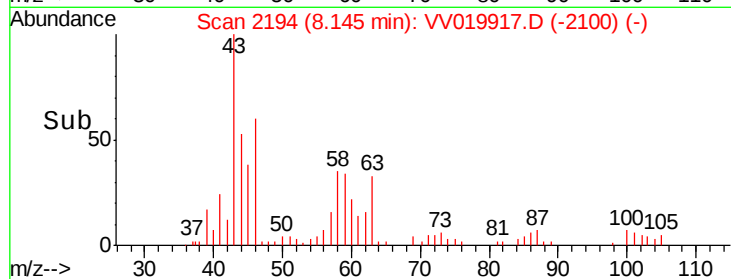
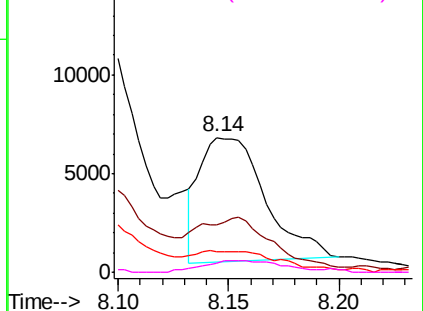
Abundance

Ion 43.00 (42.70 to 43.70): VV0

Ion 58.00 (57.70 to 58.70): VV0

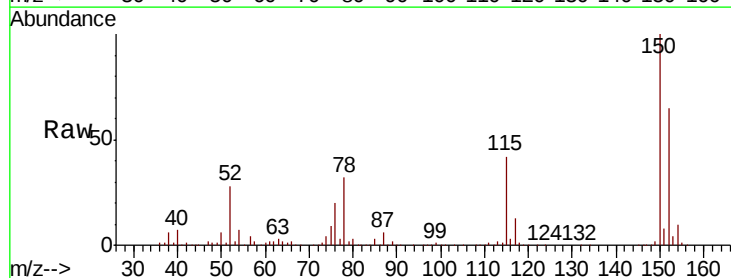
Ion 57.00 (56.70 to 57.70): VV0

Ion 100.00 (99.70 to 100.70): VV0



#59
1,2,3-Trichloropropane
Concen: 6.247 ug/L
RT: 11.25 min Scan# 3161
Delta R.T. 0.97 min
Lab File: VV019917.D
Acq: 07 Jan 2021 13:02

Tgt Ion	Ratio	Lower	Upper
75	100		
77	35.1	25.4	38.0



Abundance

Ion 75.00 (74.70 to 75.70): VV0

Ion 77.00 (76.70 to 77.70): VV0

