

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV010821\
 Data File : VV019947.D
 Acq On : 08 Jan 2021 14:59
 Operator : SY/MD
 Sample : M1064-04 100X
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BG4X5

Quant Time: Jan 08 22:52:34 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM122820WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jan 08 22:51:06 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.62	114	443523	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.86	117	430788	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.25	152	196726	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	96547	28.13	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	56.26%#
7) Chloroethane-d5	1.57	69	100236	36.74	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	73.48%
11) 1,1-Dichloroethene-d2	2.11	63	170788	26.33	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	52.66%#
21) 2-Butanone-d5	3.89	46	275767	108.40	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	108.40%
24) Chloroform-d	4.35	84	266414	41.08	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	82.16%
26) 1,2-Dichloroethane-d4	5.04	65	191172	45.10	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.20%
32) Benzene-d6	5.05	84	470067	37.89	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	75.78%
36) 1,2-Dichloropropane-d6	6.07	67	169271	41.50	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	83.00%
41) Toluene-d8	7.32	98	390695	35.39	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	70.78%#
43) trans-1,3-Dichloropropene-	7.63	79	69577	34.31	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	68.62%
47) 2-Hexanone-d5	8.09	63	150431	89.23	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	89.23%
57) 1,1,2,2-Tetrachloroethane-	10.22	84	238778	45.01	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	90.02%
64) 1,2-Dichlorobenzene-d4	11.63	152	168959	44.90	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.80%

Target Compounds

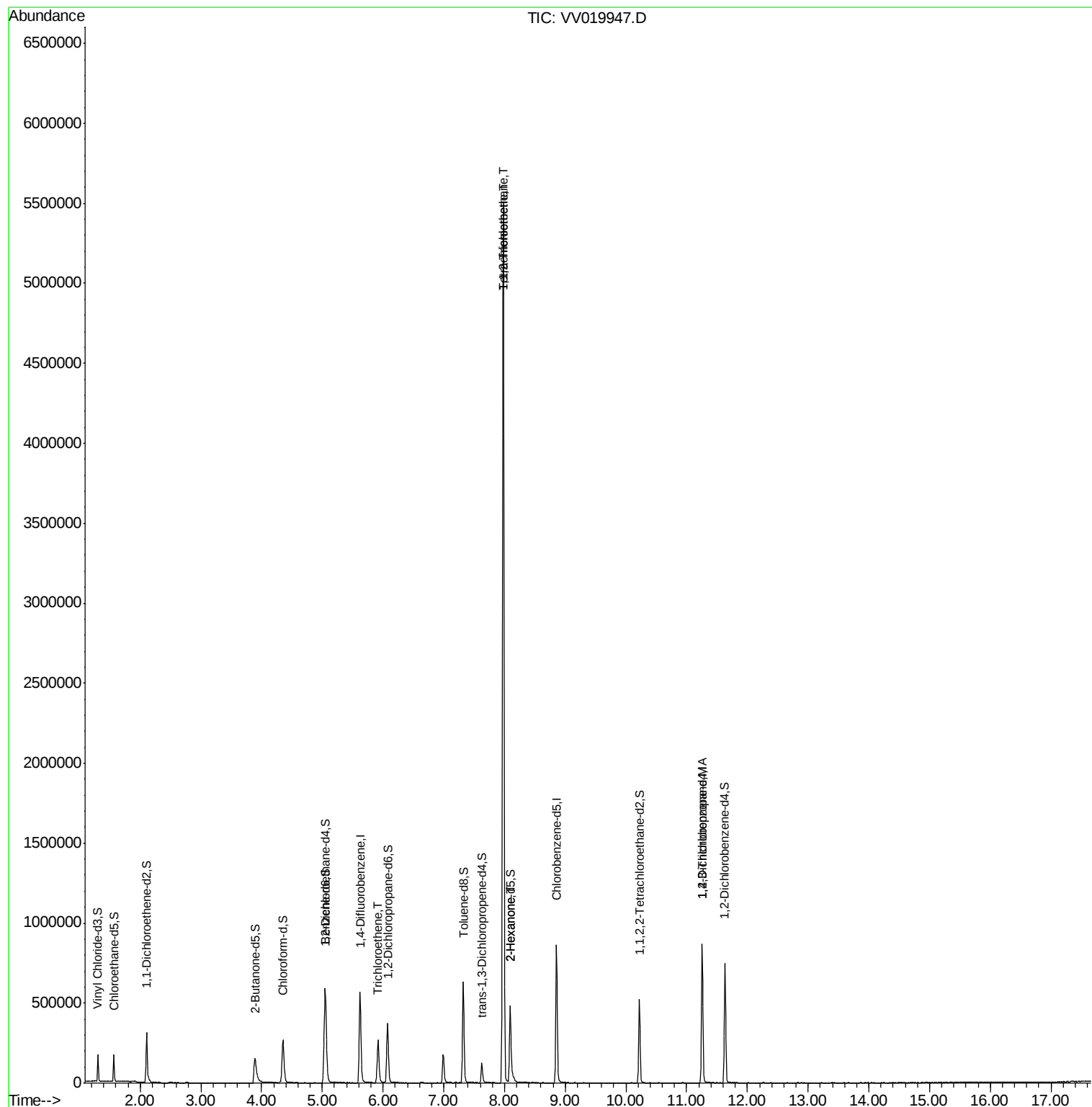
					Ovalue
34) Trichloroethene	5.92	95	89422	24.877 ug/L	98
45) 1,1,2-Trichloroethane	7.98	97	11510	3.449 ug/L #	3
46) Tetrachloroethene	7.98	164	1067908	444.865 ug/L	98
48) 2-Hexanone	8.09	43	21531	5.111 ug/L #	77
59) 1,2,3-Trichloropropane	11.25	75	30100	6.507 ug/L	93

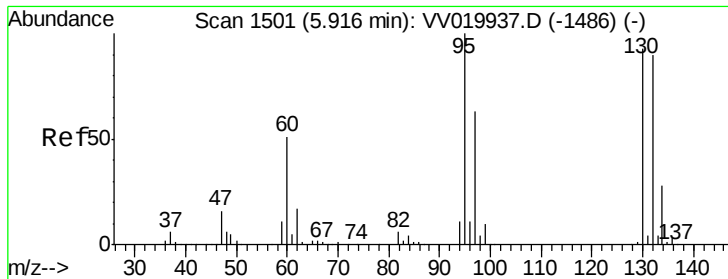
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Fri Jan 08 22:51:06 2021
Response via : Initial Calibration





#34

Trichloroethene

Concen: 24.877 ug/L

RT: 5.92 min Scan# 1502

Delta R.T. 0.00 min

Lab File: VV019947.D

Acq: 08 Jan 2021 14:59

Instrument :

MSVOA_V

ClientSampleId :

BG4X5

Tot Ion: 95 Resp: 89422

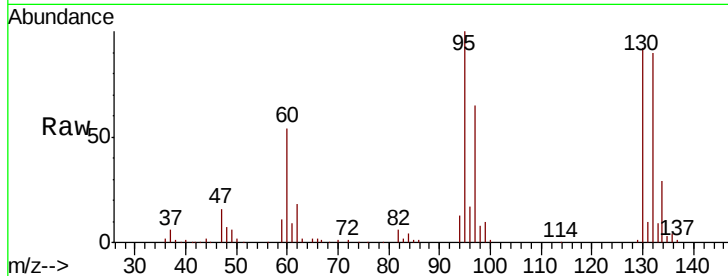
Ion Ratio Lower Upper

95 100

97 64.8 44.5 82.7

132 90.2 63.4 117.8

130 92.2 67.1 124.5

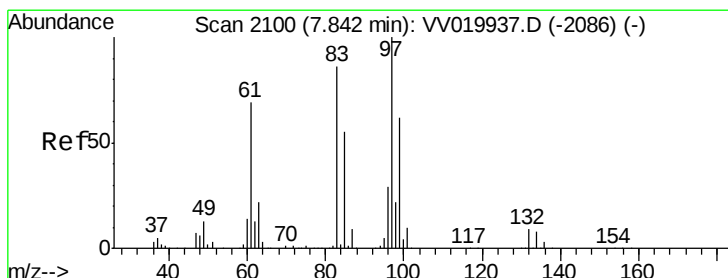
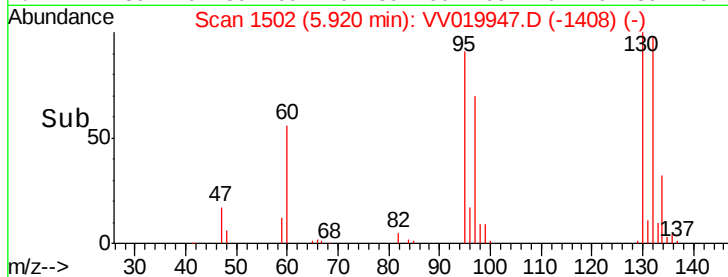
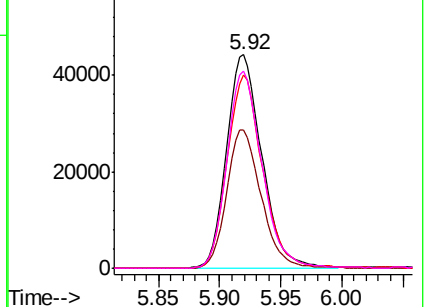


Abundance Ion 95.00 (94.70 to 95.70): VV0

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



#45

1,1,2-Trichloroethane

Concen: 3.449 ug/L

RT: 7.98 min Scan# 2142

Delta R.T. 0.14 min

Lab File: VV019947.D

Acq: 08 Jan 2021 14:59

Tgt Ion: 97 Resp: 11510

Ion Ratio Lower Upper

97 100

99 16.9 43.8 81.3#

83 255.5 62.2 115.4#

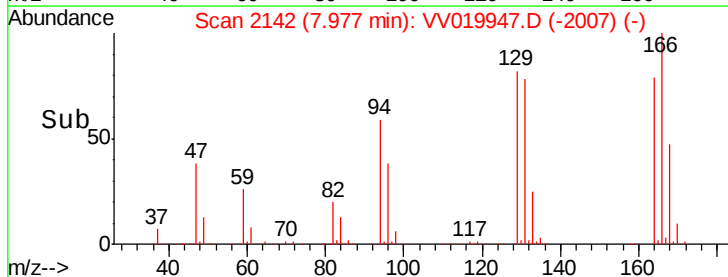
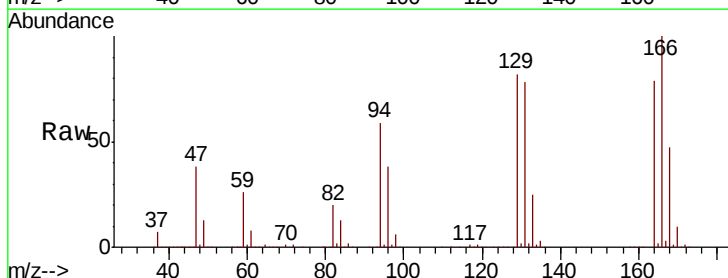
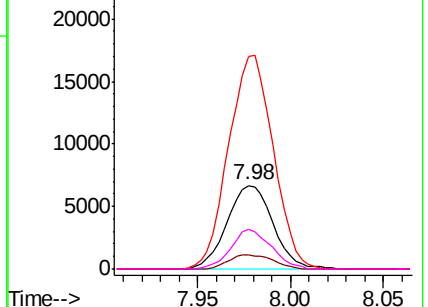
85 47.5 39.0 72.4

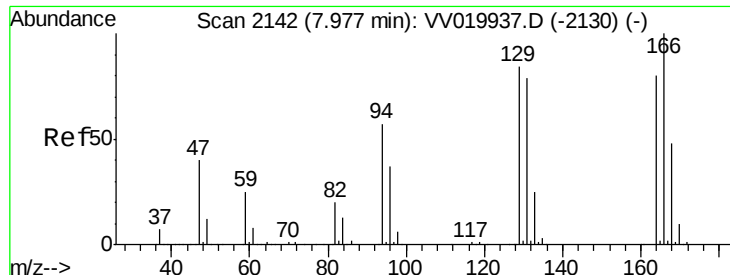
Abundance Ion 97.00 (96.70 to 97.70): VV0

Ion 99.00 (98.70 to 99.70): VV0

Ion 83.00 (82.70 to 83.70): VV0

Ion 85.00 (84.70 to 85.70): VV0





#46

Tetrachloroethene

Concen: 444.865 ug/L

RT: 7.98 min Scan# 2143

Delta R.T. 0.00 min

Lab File: VV019947.D

Acq: 08 Jan 2021 14:59

Instrument :

MSVOA_V

ClientSampleId :

BG4X5

Tot Ion:164 Resp: 1067908

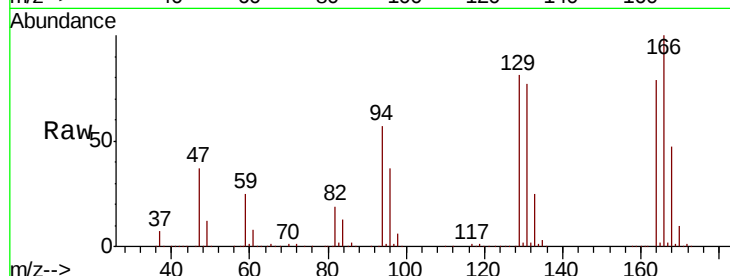
Ion Ratio Lower Upper

164 100

129 102.3 70.6 131.0

131 98.0 66.8 124.0

166 127.1 88.2 163.8

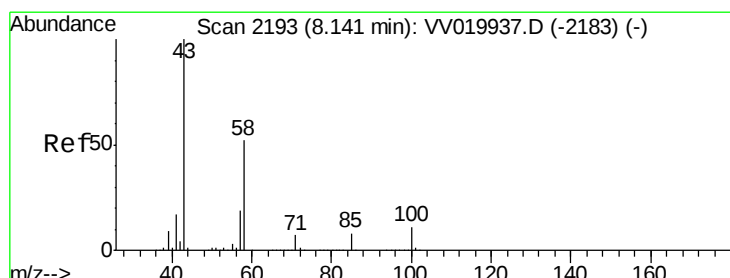
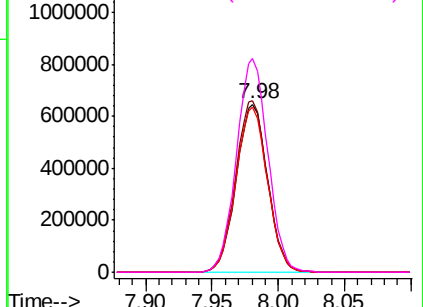
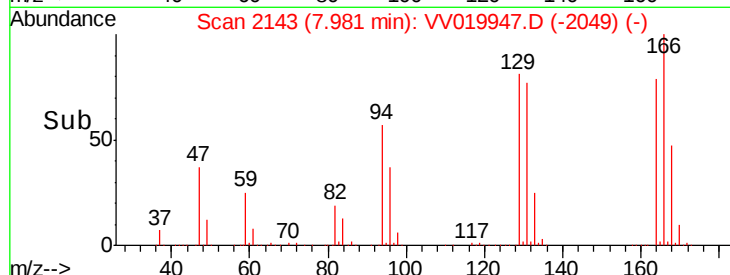


Abundance Ion 164.00 (163.70 to 164.70): V

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: 5.111 ug/L

RT: 8.09 min Scan# 2178

Delta R.T. -0.05 min

Lab File: VV019947.D

Acq: 08 Jan 2021 14:59

Tgt Ion: 43 Resp: 21531

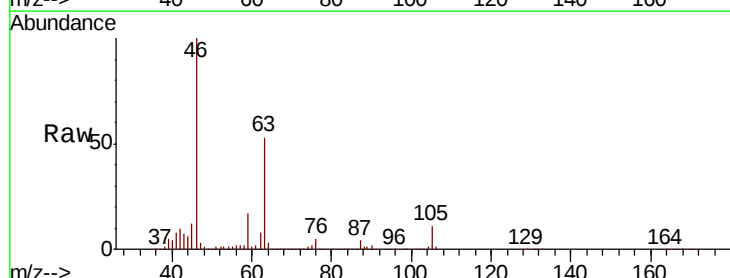
Ion Ratio Lower Upper

43 100

58 34.6 41.8 62.6#

57 25.6 15.0 22.4#

100 0.4 8.9 13.3#

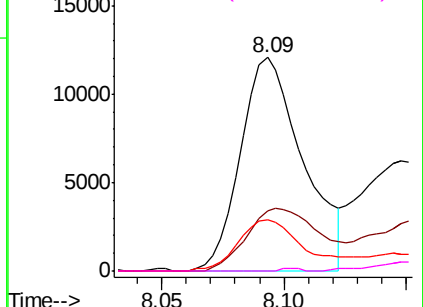
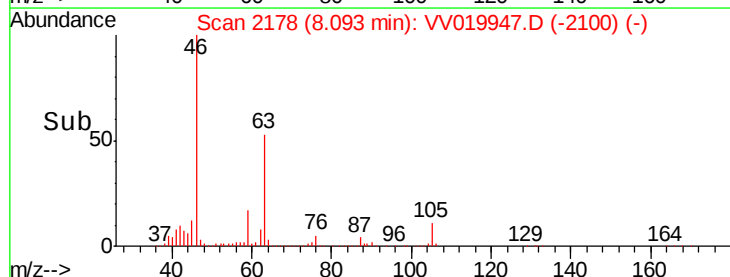


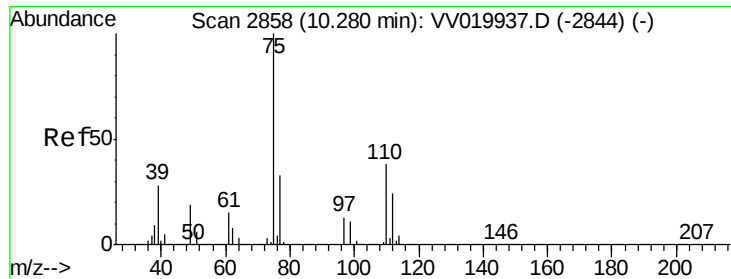
Abundance Ion 43.00 (42.70 to 43.70): VV0

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: 6.507 ug/L

RT: 11.25 min Scan# 3161

Delta R.T. 0.97 min

Lab File: VV019947.D

Acq: 08 Jan 2021 14:59

Instrument :

MSVOA_V

ClientSampleId :

BG4X5

Tot Ion: 75 Resp: 30100

Ion Ratio Lower Upper

75 100

77 35.6 25.4 38.0

