

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV010721\
 Data File : VV019926.D
 Acq On : 07 Jan 2021 17:01
 Operator : SY/MD
 Sample : M1017-05DL 400X
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BG4W5DL

Quant Time: Jan 08 01:34:02 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	487652	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.86	117	471972	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.26	152	217643	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	118577	31.42	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	62.84%
7) Chloroethane-d5	1.57	69	116398	38.81	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	77.62%
11) 1,1-Dichloroethene-d2	2.11	63	198880	27.88	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	55.76%#
21) 2-Butanone-d5	3.90	46	288236	103.05	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	103.05%
24) Chloroform-d	4.35	84	289867	40.66	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	81.32%
26) 1,2-Dichloroethane-d4	5.04	65	206318	44.27	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.54%
32) Benzene-d6	5.05	84	523627	38.53	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	77.06%
36) 1,2-Dichloropropane-d6	6.07	67	186009	41.62	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	83.24%
41) Toluene-d8	7.32	98	440757	36.44	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	72.88%#
43) trans-1,3-Dichloropropene-	7.63	79	73616	33.14	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	66.28%
47) 2-Hexanone-d5	8.09	63	151942	82.27	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	82.27%
57) 1,1,2,2-Tetrachloroethane-	10.22	84	254037	43.71	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	87.42%
64) 1,2-Dichlorobenzene-d4	11.63	152	188039	45.17	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.34%

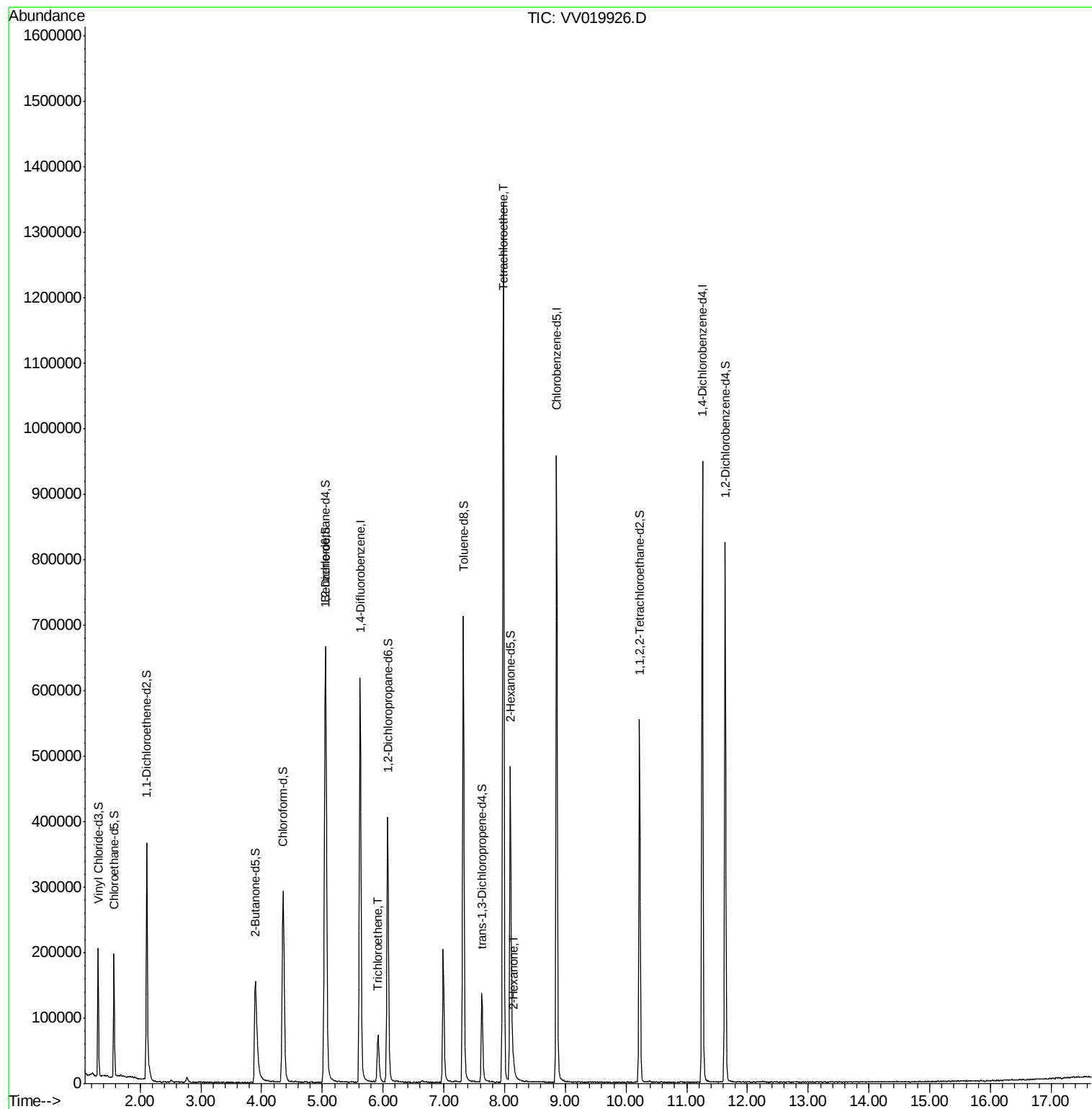
Target Compounds					Ovalue
34) Trichloroethene	5.92	95	15930	4.045 ug/L	99
46) Tetrachloroethene	7.98	164	262168	99.683 ug/L	98
48) 2-Hexanone	8.15	43	14320	3.103 ug/L #	41

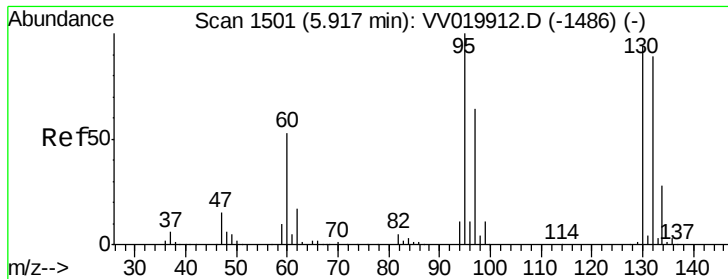
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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





#34

Trichloroethene

Concen: 4.045 ug/L

RT: 5.92 min Scan# 1502

Delta R.T. 0.00 min

Lab File: VV019926.D

Acq: 07 Jan 2021 17:01

Instrument :

MSVOA_V

ClientSampleId :

BG4W5DL

Tot Ion: 95 Resp: 15930

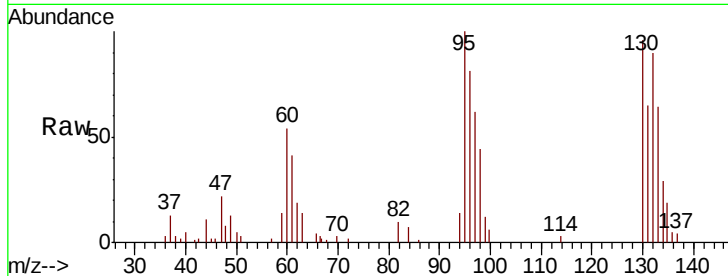
Ion Ratio Lower Upper

95 100

97 62.4 44.5 82.7

132 89.7 63.4 117.8

130 96.4 67.1 124.5



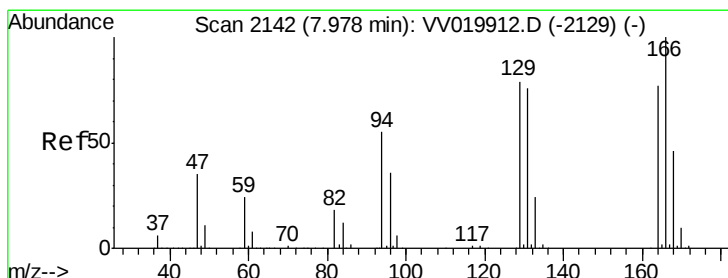
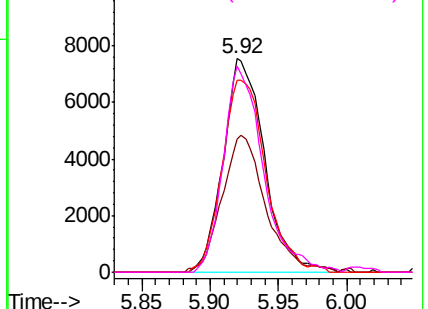
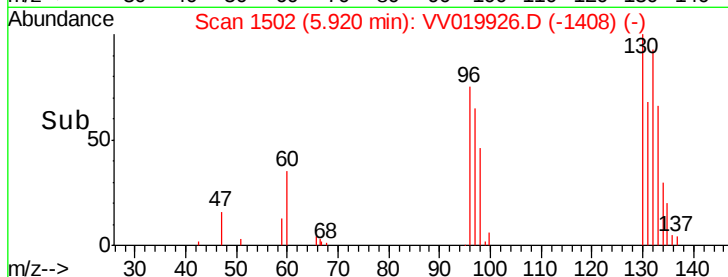
Abundance

Ion 95.00 (94.70 to 95.70): VV019912.D (-1486) (-)

Ion 97.00 (96.70 to 97.70): VV019912.D (-1486) (-)

Ion 132.00 (131.70 to 132.70): VV019912.D (-1486) (-)

Ion 130.00 (129.70 to 130.70): VV019912.D (-1486) (-)



#46

Tetrachloroethene

Concen: 99.683 ug/L

RT: 7.98 min Scan# 2143

Delta R.T. 0.00 min

Lab File: VV019926.D

Acq: 07 Jan 2021 17:01

Tgt Ion: 164 Resp: 262168

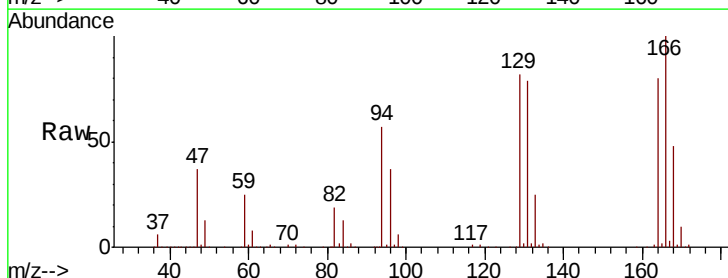
Ion Ratio Lower Upper

164 100

129 102.6 70.6 131.0

131 98.6 66.8 124.0

166 125.4 88.2 163.8



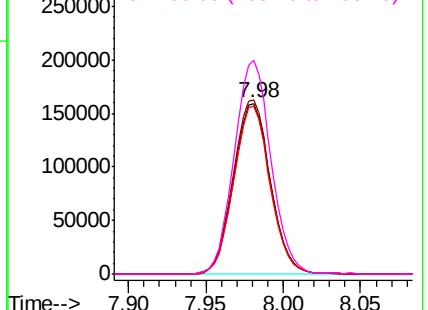
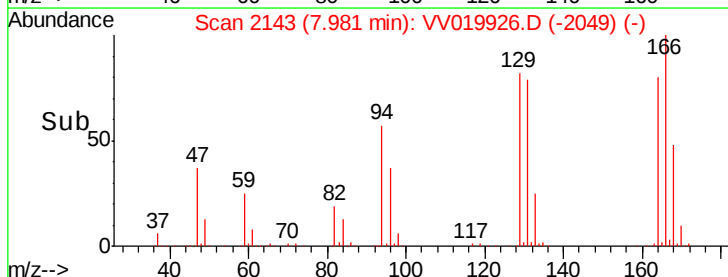
Abundance

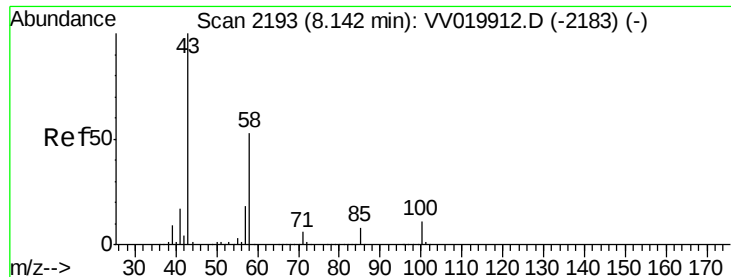
Ion 164.00 (163.70 to 164.70): VV019912.D (-2129) (-)

Ion 129.00 (128.70 to 129.70): VV019912.D (-2129) (-)

Ion 131.00 (130.70 to 131.70): VV019912.D (-2129) (-)

Ion 166.00 (165.70 to 166.70): VV019912.D (-2129) (-)





#48

2-Hexanone

Concen: 3.103 ug/L

RT: 8.15 min Scan# 2196

Delta R.T. 0.01 min

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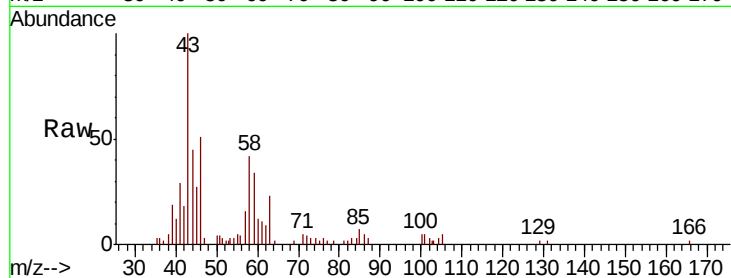
Acq: 07 Jan 2021 17:01

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Tot Ion: 43 Resp: 14320

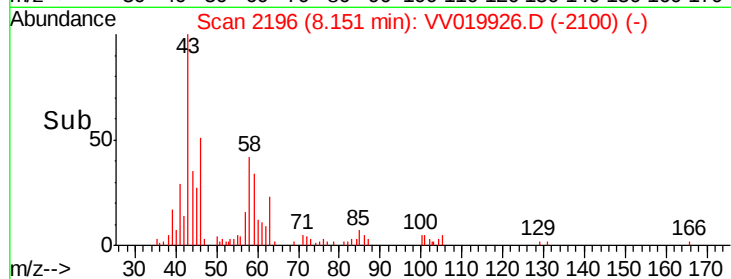
Ion Ratio Lower Upper

43 100

58 0.9 41.8 62.6#

57 0.0 15.0 22.4#

100 1.6 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

