

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV010821\
 Data File : VV019955.D
 Acq On : 08 Jan 2021 18:22
 Operator : SY/MD
 Sample : M1064-04DL 500X
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BG4X5DL

Quant Time: Jan 08 22:53:20 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	456771	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.86	117	435850	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.26	152	198613	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	95232	26.94	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	53.88%#
7) Chloroethane-d5	1.57	69	99617	35.46	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	70.92%
11) 1,1-Dichloroethene-d2	2.11	63	165101	24.71	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	49.42%#
21) 2-Butanone-d5	3.88	46	275449	105.14	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	105.14%
24) Chloroform-d	4.35	84	267424	40.04	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	80.08%
26) 1,2-Dichloroethane-d4	5.04	65	189675	43.45	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.90%
32) Benzene-d6	5.05	84	467086	37.22	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	74.44%
36) 1,2-Dichloropropane-d6	6.07	67	169844	41.15	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	82.30%
41) Toluene-d8	7.32	98	379844	34.00	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	68.00%#
43) trans-1,3-Dichloropropene-	7.63	79	68285	33.29	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	66.58%
47) 2-Hexanone-d5	8.09	63	150608	88.30	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	88.30%
57) 1,1,2,2-Tetrachloroethane-	10.22	84	239946	44.71	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	89.42%
64) 1,2-Dichlorobenzene-d4	11.63	152	167814	44.17	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.34%

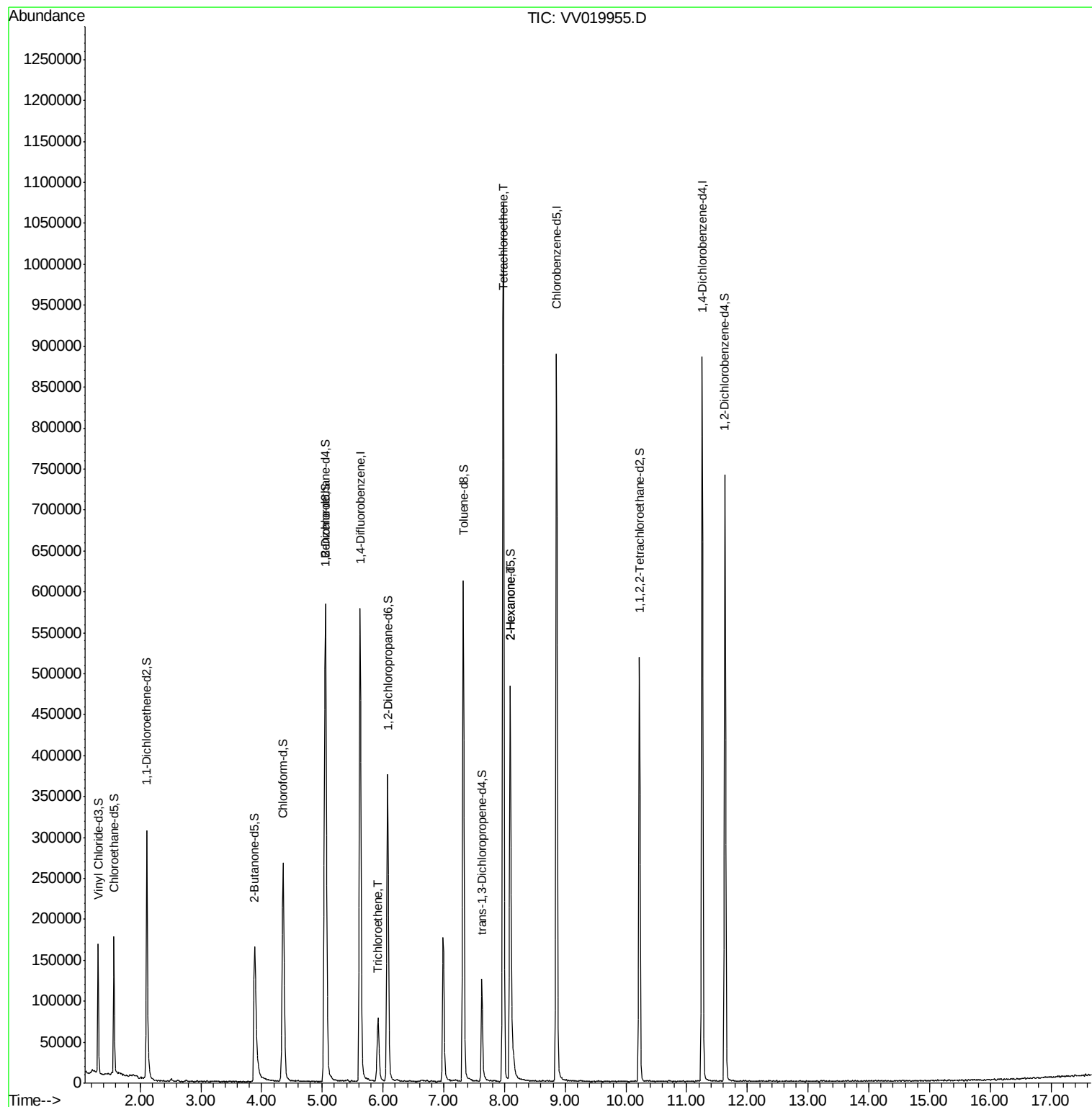
Target Compounds					Ovalue
34) Trichloroethene	5.92	95	19007	5.226 ug/L	94
46) Tetrachloroethene	7.98	164	206548	85.044 ug/L	99
48) 2-Hexanone	8.09	43	21857	5.129 ug/L #	80

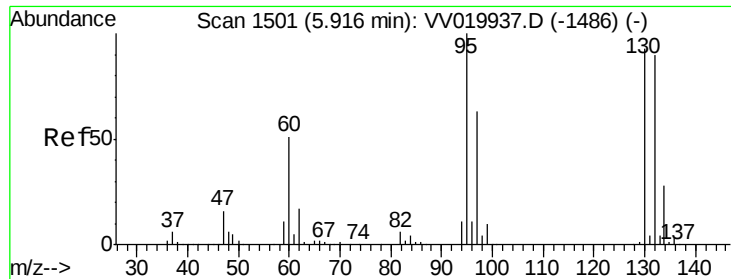
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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





#34

Trichloroethene

Concen: 5.226 ug/L

RT: 5.92 min Scan# 1503

Delta R.T. 0.01 min

Lab File: VV019955.D

Acq: 08 Jan 2021 18:22

Instrument :

MSVOA_V

ClientSampleId :

BG4X5DL

Tot Ion: 95 Resp: 19007

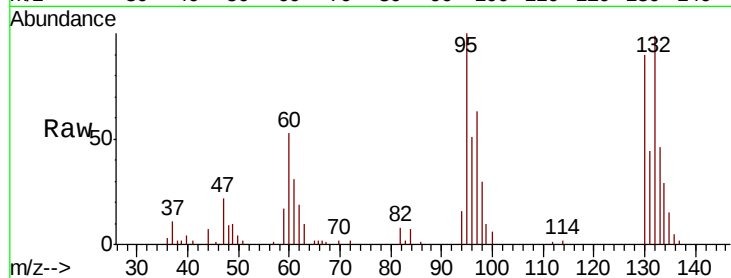
Ion Ratio Lower Upper

95 100

97 62.9 44.5 82.7

132 99.0 63.4 117.8

130 90.0 67.1 124.5

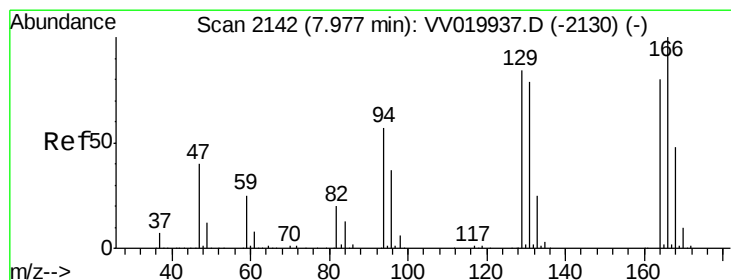
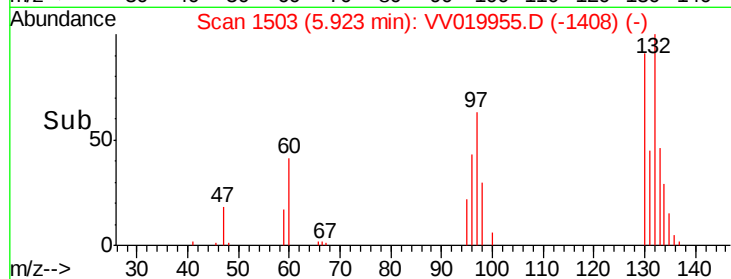
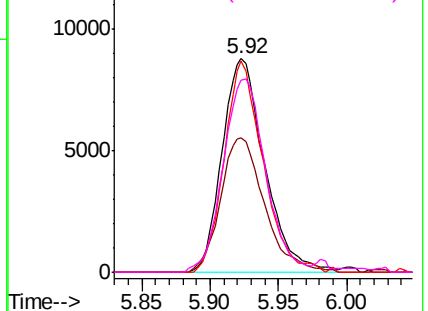


Abundance Ion 95.00 (94.70 to 95.70): VV0

Ion 97.00 (96.70 to 97.70): VV0

Ion 132.00 (131.70 to 132.70): V

Ion 130.00 (129.70 to 130.70): V



#46

Tetrachloroethene

Concen: 85.044 ug/L

RT: 7.98 min Scan# 2143

Delta R.T. 0.00 min

Lab File: VV019955.D

Acq: 08 Jan 2021 18:22

Tgt Ion:164 Resp: 206548

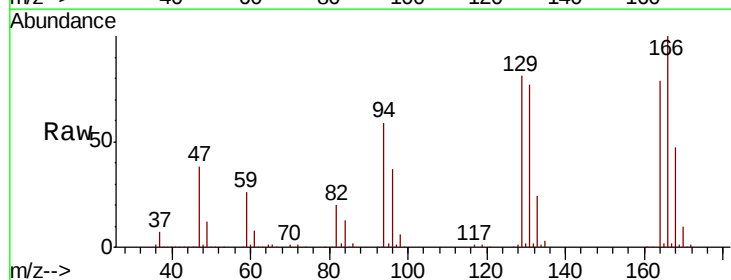
Ion Ratio Lower Upper

164 100

129 102.4 70.6 131.0

131 97.5 66.8 124.0

166 125.8 88.2 163.8

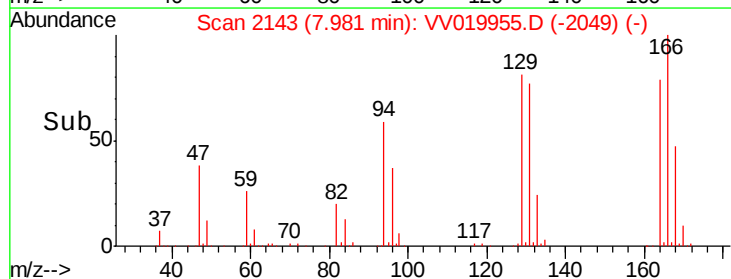
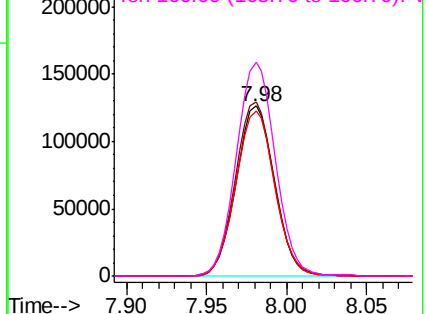


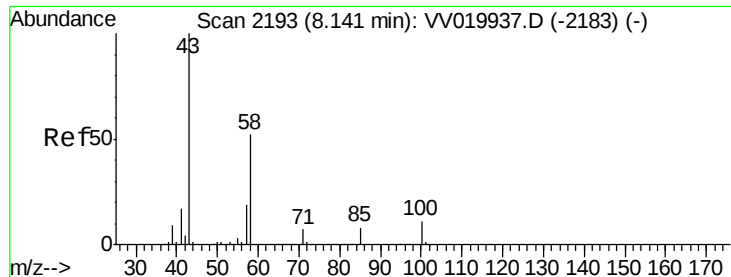
Abundance Ion 164.00 (163.70 to 164.70): V

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: 5.129 ug/L

RT: 8.09 min Scan# 2178

Delta R.T. -0.05 min

Lab File: VV019955.D

Acq: 08 Jan 2021 18:22

Instrument :

MSVOA_V

ClientSampleId :

BG4X5DL

Tot Ion: 43 Resp: 21857

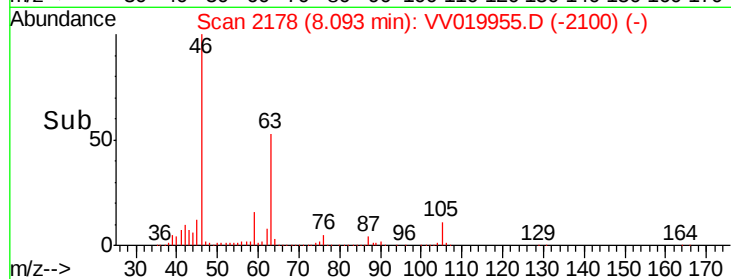
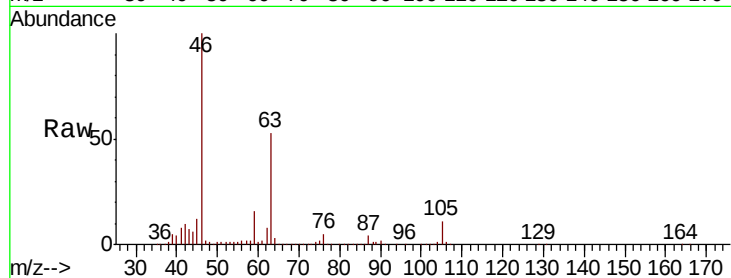
Ion Ratio Lower Upper

43 100

58 39.4 41.8 62.6#

57 28.7 15.0 22.4#

100 1.1 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

