

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV010521\
 Data File : VV019889.D
 Acq On : 05 Jan 2021 12:09
 Operator : SY/MD
 Sample : M1017-01 100X
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BG4W2

Quant Time: Jan 06 07:31:10 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM122820WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Jan 06 07:08:24 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.62	114	563861	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.86	117	541486	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.26	152	247451	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	193945	44.45	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	88.90%
7) Chloroethane-d5	1.57	69	173433	50.01	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	100.02%
11) 1,1-Dichloroethene-d2	2.11	63	305647	37.06	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	74.12%
21) 2-Butanone-d5	3.89	46	321212	99.32	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	99.32%
24) Chloroform-d	4.35	84	394649	47.87	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.74%
26) 1,2-Dichloroethane-d4	5.04	65	276965	51.40	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.80%
32) Benzene-d6	5.05	84	770620	49.42	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.84%
36) 1,2-Dichloropropane-d6	6.07	67	254246	49.59	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	99.18%
41) Toluene-d8	7.32	98	671857	48.41	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.82%
43) trans-1,3-Dichloropropene-	7.63	79	116469	45.70	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	91.40%
47) 2-Hexanone-d5	8.09	63	190300	89.81	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	89.81%
57) 1,1,2,2-Tetrachloroethane-	10.22	84	307422	46.10	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	92.20%
64) 1,2-Dichlorobenzene-d4	11.63	152	248771	52.56	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	105.12%

Target Compounds

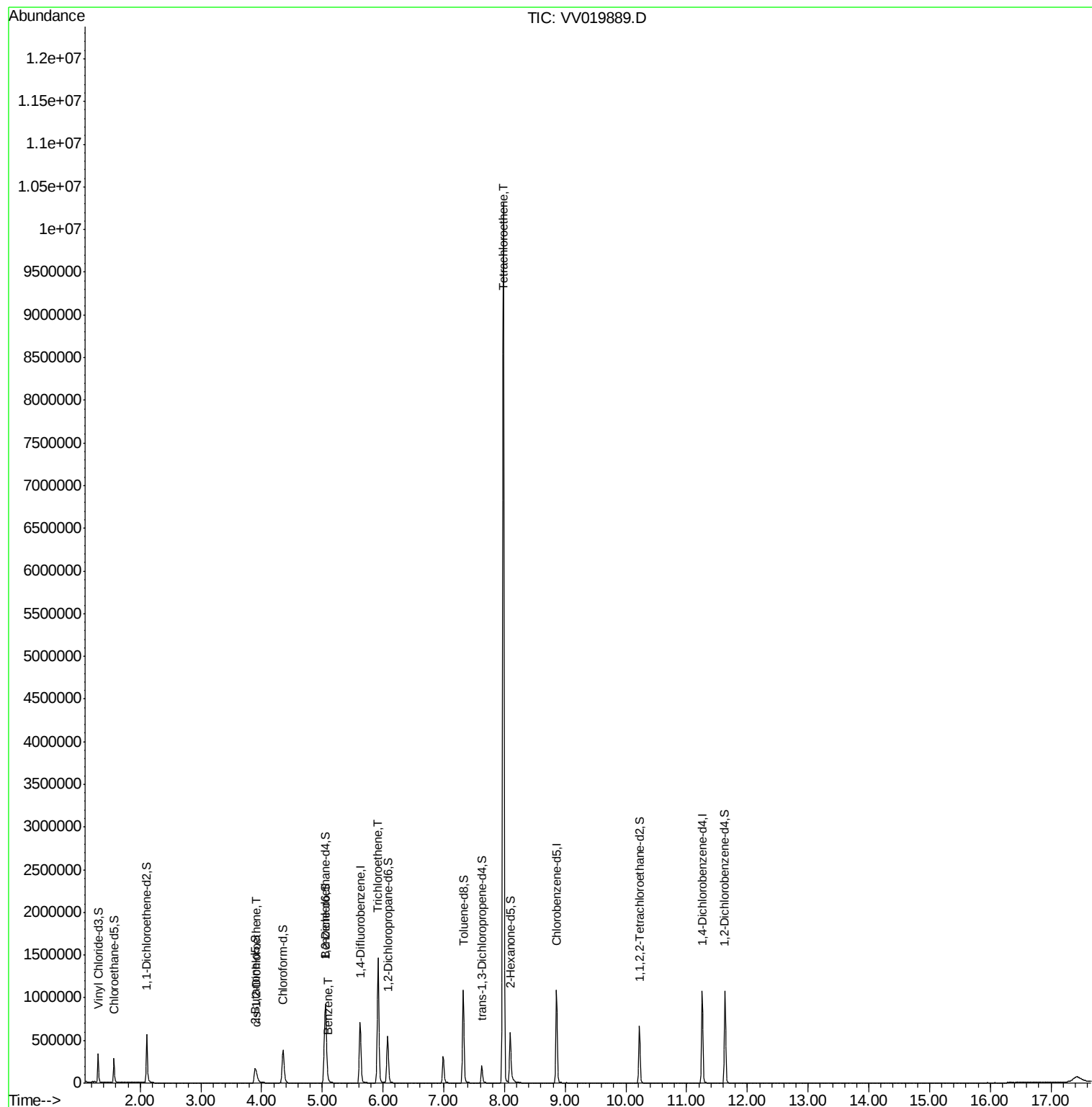
					Ovalue
20) cis-1,2-Dichloroethene	3.92	96	8714	1.985 ug/L	96
33) Benzene	5.11	78	17143	1.007 ug/L	100
34) Trichloroethene	5.92	95	509137	112.684 ug/L	99
46) Tetrachloroethene	7.98	164	2022965	670.439 ug/L	98

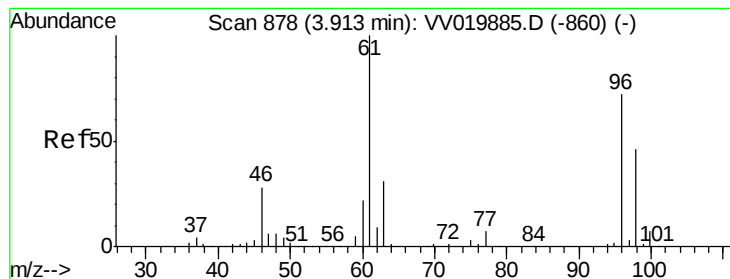
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#20

cis-1,2-Dichloroethene

Concen: 1.985 ug/L

RT: 3.92 min Scan# 881

Delta R.T. 0.01 min

Lab File: VV019889.D

Acq: 05 Jan 2021 12:09

Instrument :

MSVOA_V

ClientSampled :

BG4W2

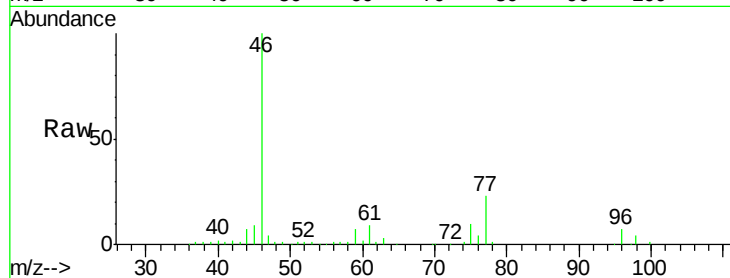
Tot Ion: 96 Resp: 8714

Ion Ratio Lower Upper

96 100

61 133.6 96.9 179.9

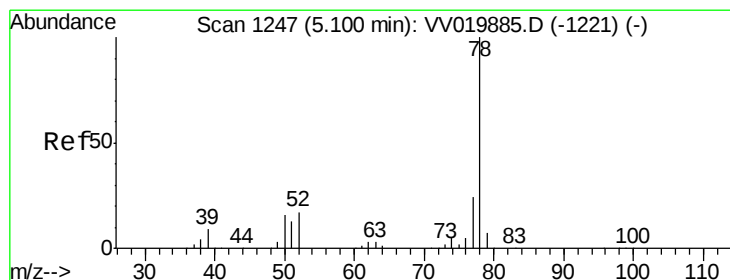
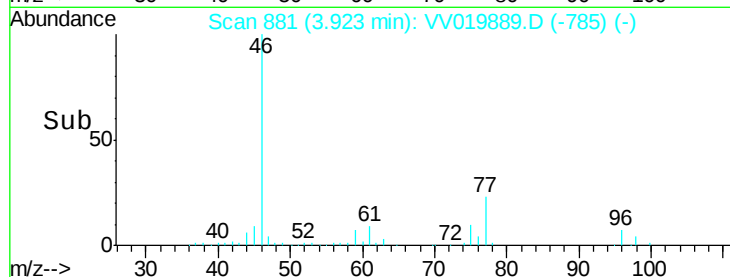
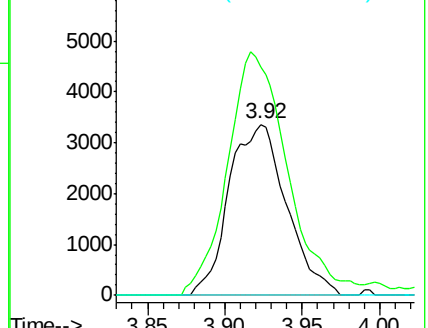
68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.00 (60.70 to 61.70): VV0

Ion 68.00 (67.70 to 68.70): VV0



#33

Benzene

Concen: 1.007 ug/L

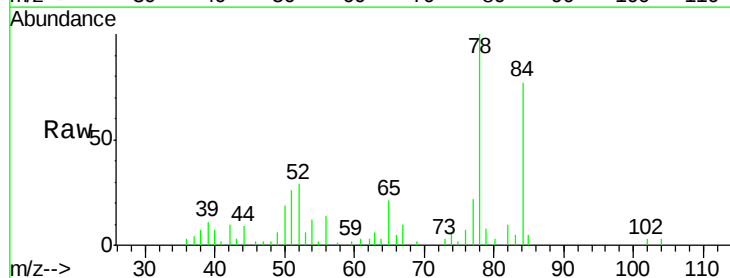
RT: 5.11 min Scan# 1250

Delta R.T. 0.01 min

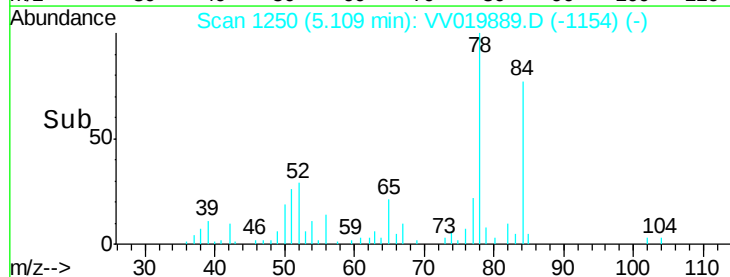
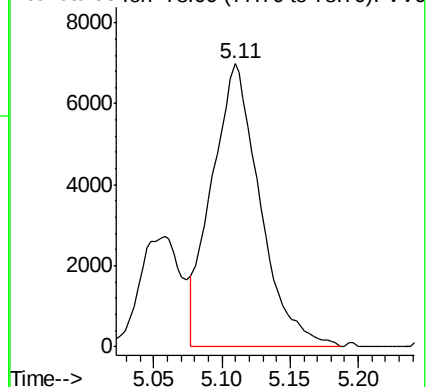
Lab File: VV019889.D

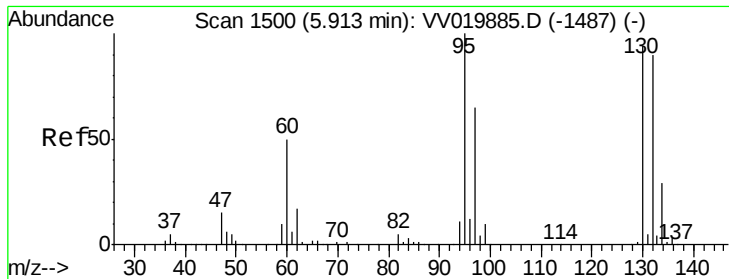
Acq: 05 Jan 2021 12:09

Tgt Ion: 78 Resp: 17143



Abundance Ion 78.00 (77.70 to 78.70): VV0





#34

Trichloroethene

Concen: 112.684 ug/L

RT: 5.92 min Scan# 1502

Delta R.T. 0.01 min

Lab File: VV019889.D

Acq: 05 Jan 2021 12:09

Instrument :

MSVOA_V

ClientSampleId :

BG4W2

Tot Ion: 95 Resp: 509137

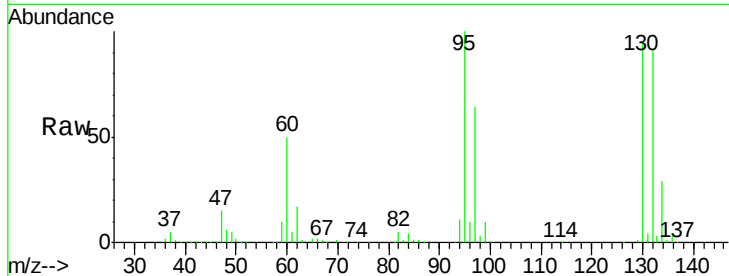
Ion Ratio Lower Upper

95 100

97 63.6 44.5 82.7

132 91.4 63.4 117.8

130 93.9 67.1 124.5

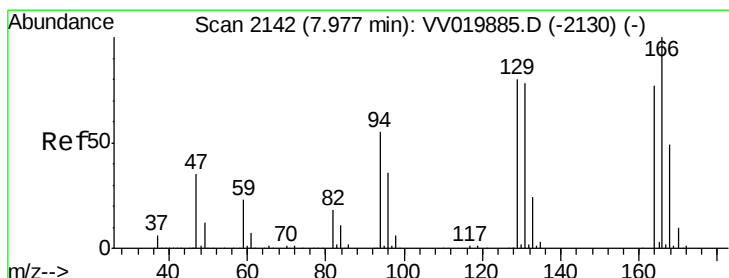
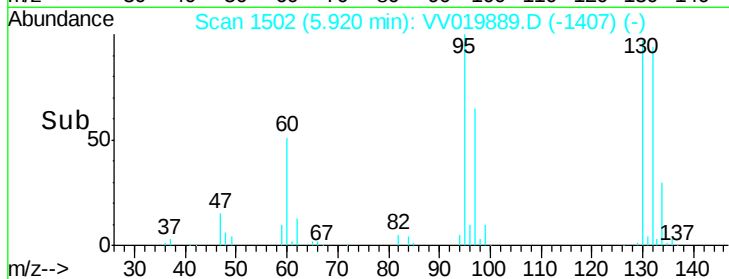
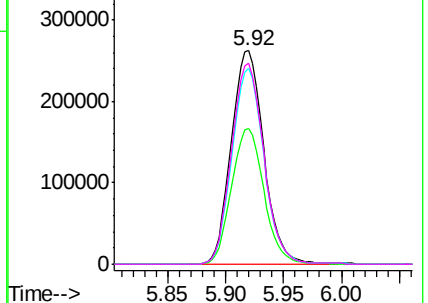


Abundance Ion 95.00 (94.70 to 95.70): VV0

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: 670.439 ug/L

RT: 7.98 min Scan# 2143

Delta R.T. 0.00 min

Lab File: VV019889.D

Acq: 05 Jan 2021 12:09

Tgt Ion:164 Resp: 2022965

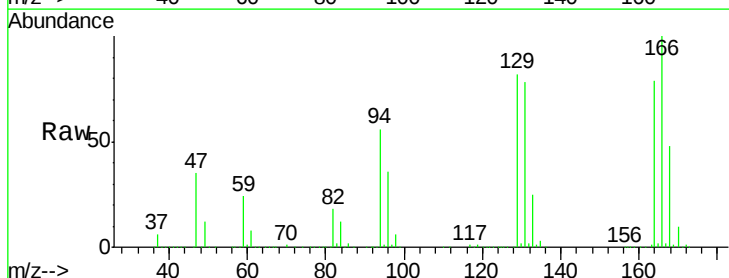
Ion Ratio Lower Upper

164 100

129 103.0 70.6 131.0

131 98.8 66.8 124.0

166 126.4 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

