

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV122320\
 Data File : VV019820.D
 Acq On : 23 Dec 2020 18:34
 Operator : SY/MD
 Sample : L5173-18 100X
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BG4T1

Quant Time: Dec 23 22:07:34 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM121020WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Dec 23 22:04:07 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.62	114	682477	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.86	117	639199	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.26	152	305367	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	226017	46.18	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	92.36%
7) Chloroethane-d5	1.57	69	190550	49.37	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	98.74%
11) 1,1-Dichloroethene-d2	2.21	63	163	0.02	ug/L	0.10
Spiked Amount	50.000	Range	60 - 125	Recovery	=	0.04%#
21) 2-Butanone-d5	3.89	46	359830	135.27	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	135.27%#
24) Chloroform-d	4.35	84	427676	48.49	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.98%
26) 1,2-Dichloroethane-d4	5.04	65	302950	52.56	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	105.12%
32) Benzene-d6	5.05	84	850165	49.87	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.74%
36) 1,2-Dichloropropane-d6	6.07	67	278598	52.17	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	104.34%
41) Toluene-d8	7.32	98	727899	47.42	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.84%
43) trans-1,3-Dichloropropene-	7.63	79	123167	40.55	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	81.10%
47) 2-Hexanone-d5	8.09	63	216862	103.47	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	103.47%
57) 1,1,2,2-Tetrachloroethane-	10.22	84	338872	46.91	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	93.82%
64) 1,2-Dichlorobenzene-d4	11.63	152	267588	46.88	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.76%

Target Compounds

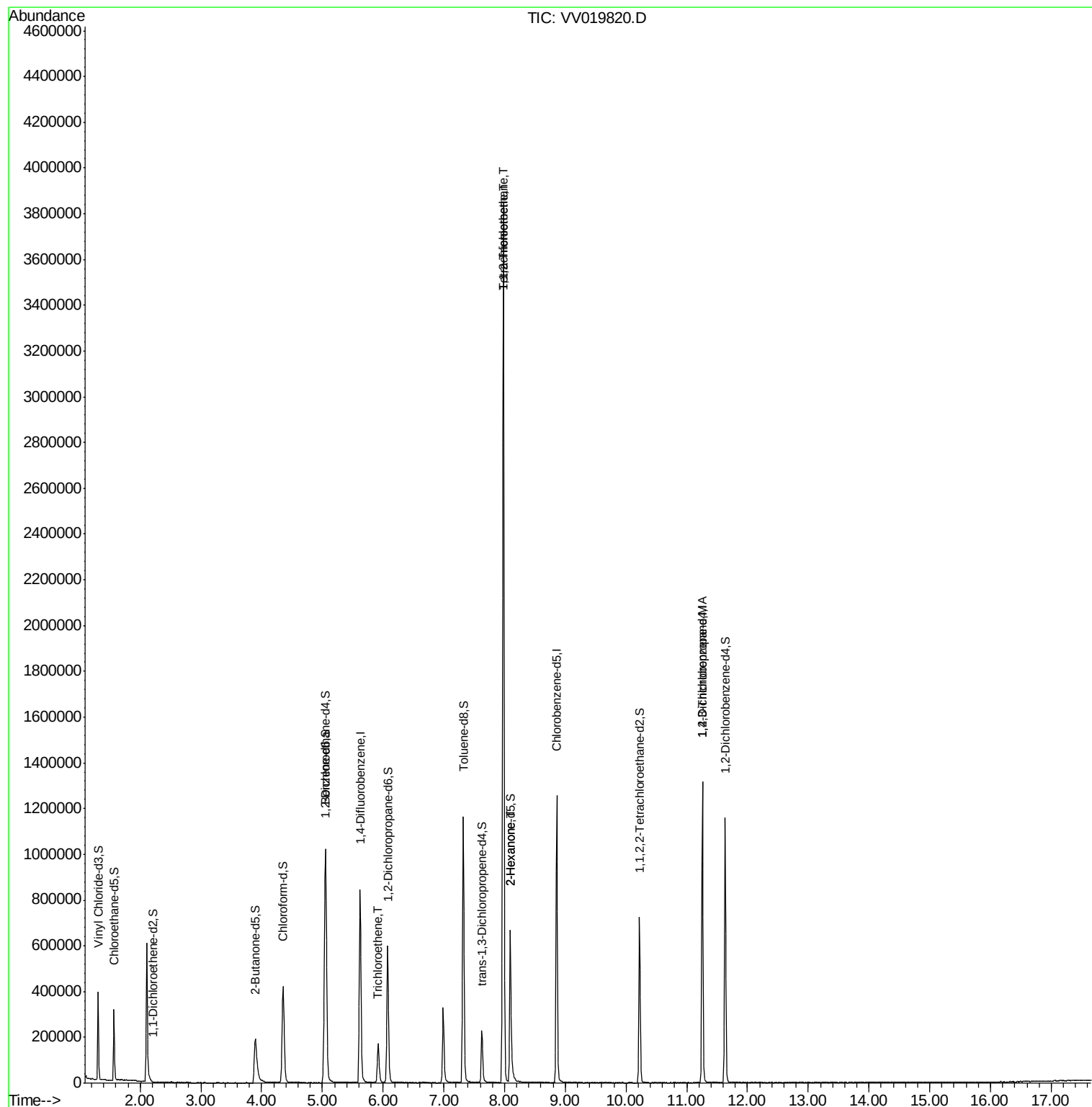
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
34) Trichloroethene	5.92	95	54087	10.960	ug/L	98
45) 1,1,2-Trichloroethane	7.98	97	8023	1.732	ug/L #	7
46) Tetrachloroethene	7.98	164	767962	224.901	ug/L	99
48) 2-Hexanone	8.09	43	28962	5.423	ug/L #	72
59) 1,2,3-Trichloropropane	11.25	75	43247	7.127	ug/L	100

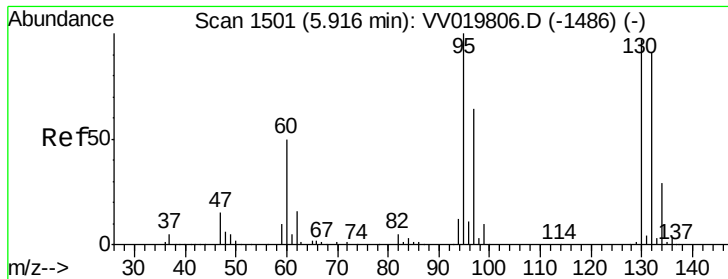
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Wed Dec 23 22:04:07 2020
Response via : Initial Calibration





#34

Trichloroethene

Concen: 10.960 ug/L

RT: 5.92 min Scan# 1502

Delta R.T. 0.00 min

Lab File: VV019820.D

Acq: 23 Dec 2020 18:34

Instrument :

MSVOA_V

ClientSampleId :

BG4T1

Tot Ion: 95 Resp: 54087

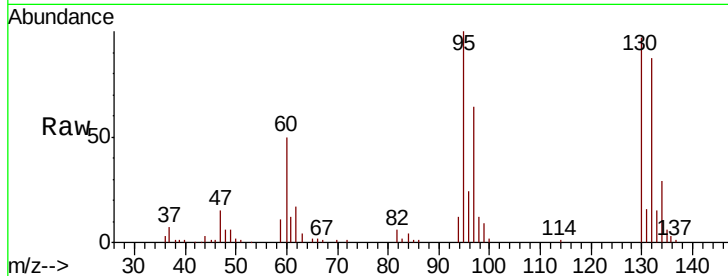
Ion Ratio Lower Upper

95 100

97 63.7 44.4 82.4

132 87.0 64.3 119.3

130 96.8 67.8 125.8



Abundance

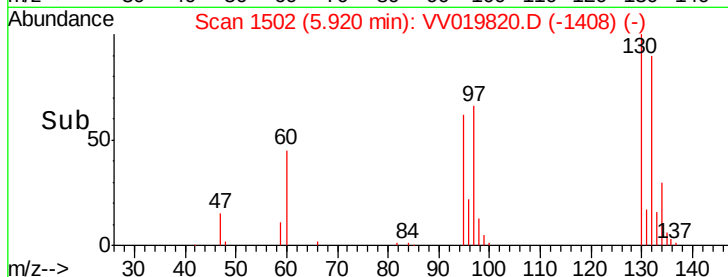
Ion 95.00 (94.70 to 95.70): VV0

Ion 97.00 (96.70 to 97.70): VV0

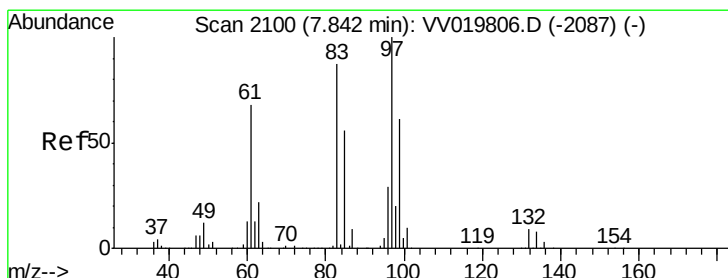
Ion 132.00 (131.70 to 132.70): VV0

Ion 130.00 (129.70 to 130.70): VV0

Time-->



Time-->



#45

1,1,2-Trichloroethane

Concen: 1.732 ug/L

RT: 7.98 min Scan# 2142

Delta R.T. 0.13 min

Lab File: VV019820.D

Acq: 23 Dec 2020 18:34

Tgt Ion: 97 Resp: 8023

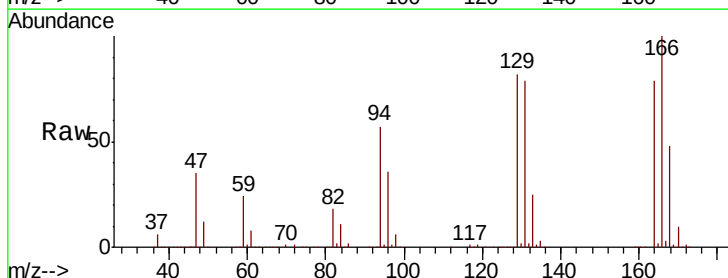
Ion Ratio Lower Upper

97 100

99 14.4 44.1 81.9#

83 236.9 60.0 111.4#

85 43.1 38.6 71.8



Abundance

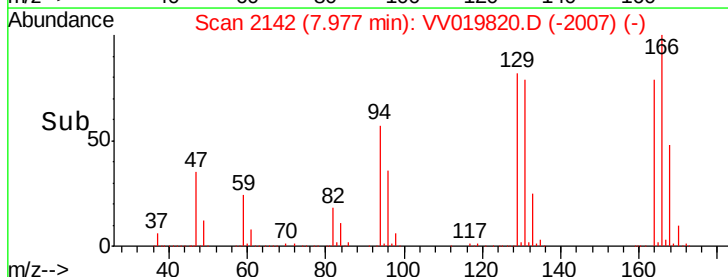
Ion 97.00 (96.70 to 97.70): VV0

Ion 99.00 (98.70 to 99.70): VV0

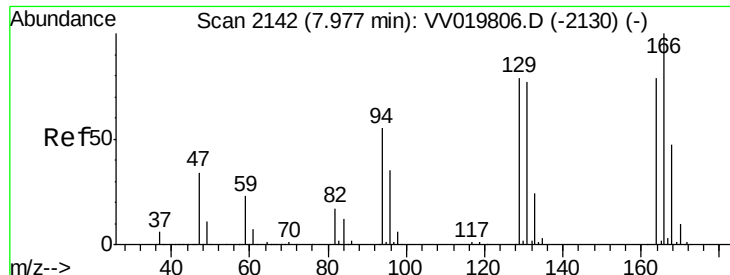
Ion 83.00 (82.70 to 83.70): VV0

Ion 85.00 (84.70 to 85.70): VV0

Time-->



Time-->



#46

Tetrachloroethene

Concen: 224.901 ug/L

RT: 7.98 min Scan# 2143

Delta R.T. 0.00 min

Lab File: VV019820.D

Acq: 23 Dec 2020 18:34

Instrument :
MSVOA_V
ClientSampleId :
BG4T1

Tot Ion:164 Resp: 767962

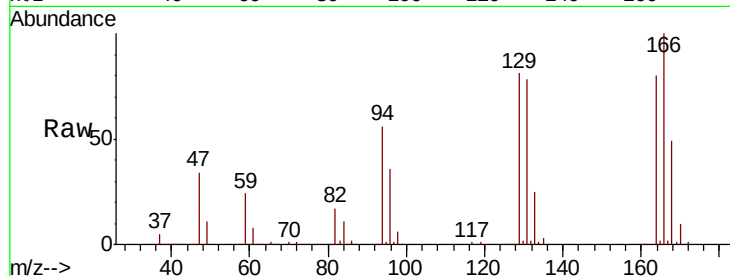
Ion Ratio Lower Upper

164 100

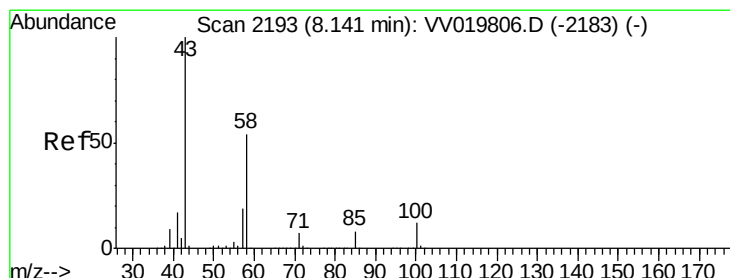
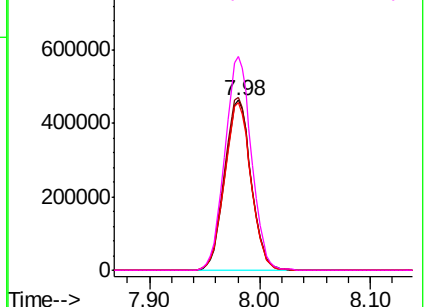
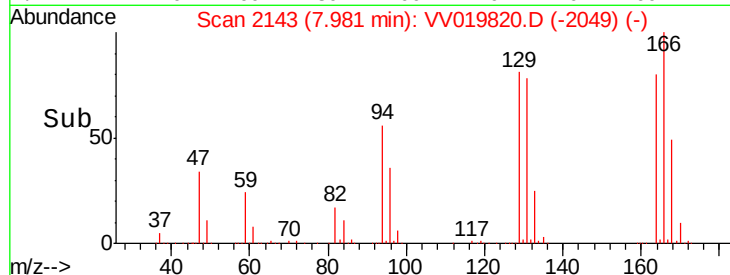
129 102.1 70.6 131.0

131 98.6 68.0 126.4

166 125.7 86.9 161.5



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: 5.423 ug/L

RT: 8.09 min Scan# 2178

Delta R.T. -0.05 min

Lab File: VV019820.D

Acq: 23 Dec 2020 18:34

Tgt Ion: 43 Resp: 28962

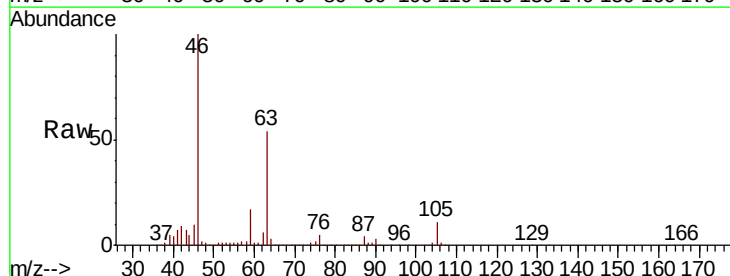
Ion Ratio Lower Upper

43 100

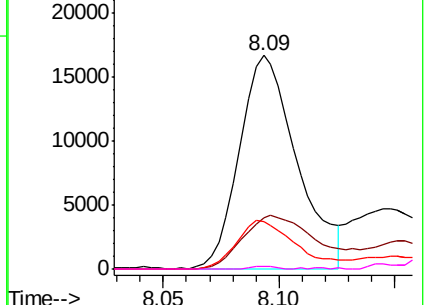
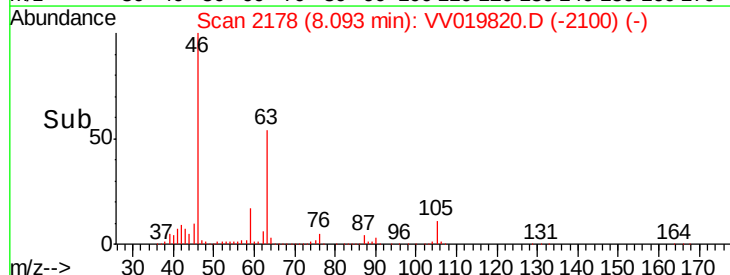
58 31.1 44.4 66.6#

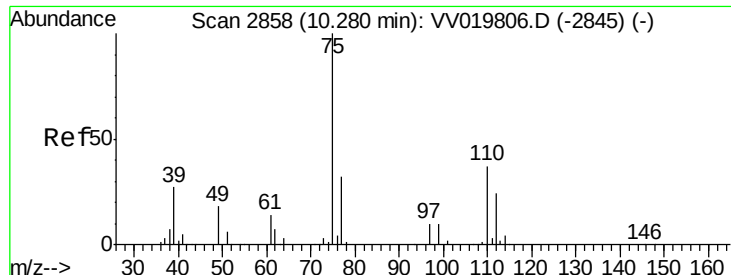
57 23.4 15.7 23.5

100 0.5 9.9 14.9#



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: 7.127 ug/L

RT: 11.25 min Scan# 3161

Delta R.T. 0.97 min

Lab File: VV019820.D

Acq: 23 Dec 2020 18:34

Instrument :

MSVOA_V

ClientSampleId :

BG4T1

Tot Ion: 75 Resp: 43247

Ion Ratio Lower Upper

75 100

77 32.4 25.8 38.8

