

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV010821\
 Data File : VV019953.D
 Acq On : 08 Jan 2021 17:34
 Operator : SY/MD
 Sample : M1064-03DL 250X
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BG4X4DL

Quant Time: Jan 08 22:53:07 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	459133	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.86	117	444891	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.26	152	204422	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	93625	26.35	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	52.70%#
7) Chloroethane-d5	1.57	69	97780	34.62	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	69.24%#
11) 1,1-Dichloroethene-d2	2.11	63	161040	23.98	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	47.96%#
21) 2-Butanone-d5	3.88	46	281196	106.78	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	106.78%
24) Chloroform-d	4.35	84	262318	39.08	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	78.16%
26) 1,2-Dichloroethane-d4	5.04	65	190827	43.49	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.98%
32) Benzene-d6	5.05	84	458066	35.75	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	71.50%
36) 1,2-Dichloropropane-d6	6.07	67	166460	39.52	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	79.04%
41) Toluene-d8	7.32	98	373807	32.78	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	65.56%#
43) trans-1,3-Dichloropropene-	7.63	79	67109	32.05	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	64.10%
47) 2-Hexanone-d5	8.09	63	147344	84.63	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	84.63%
57) 1,1,2,2-Tetrachloroethane-	10.22	84	238664	43.56	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	87.12%
64) 1,2-Dichlorobenzene-d4	11.63	152	164708	42.12	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	84.24%

Target Compounds

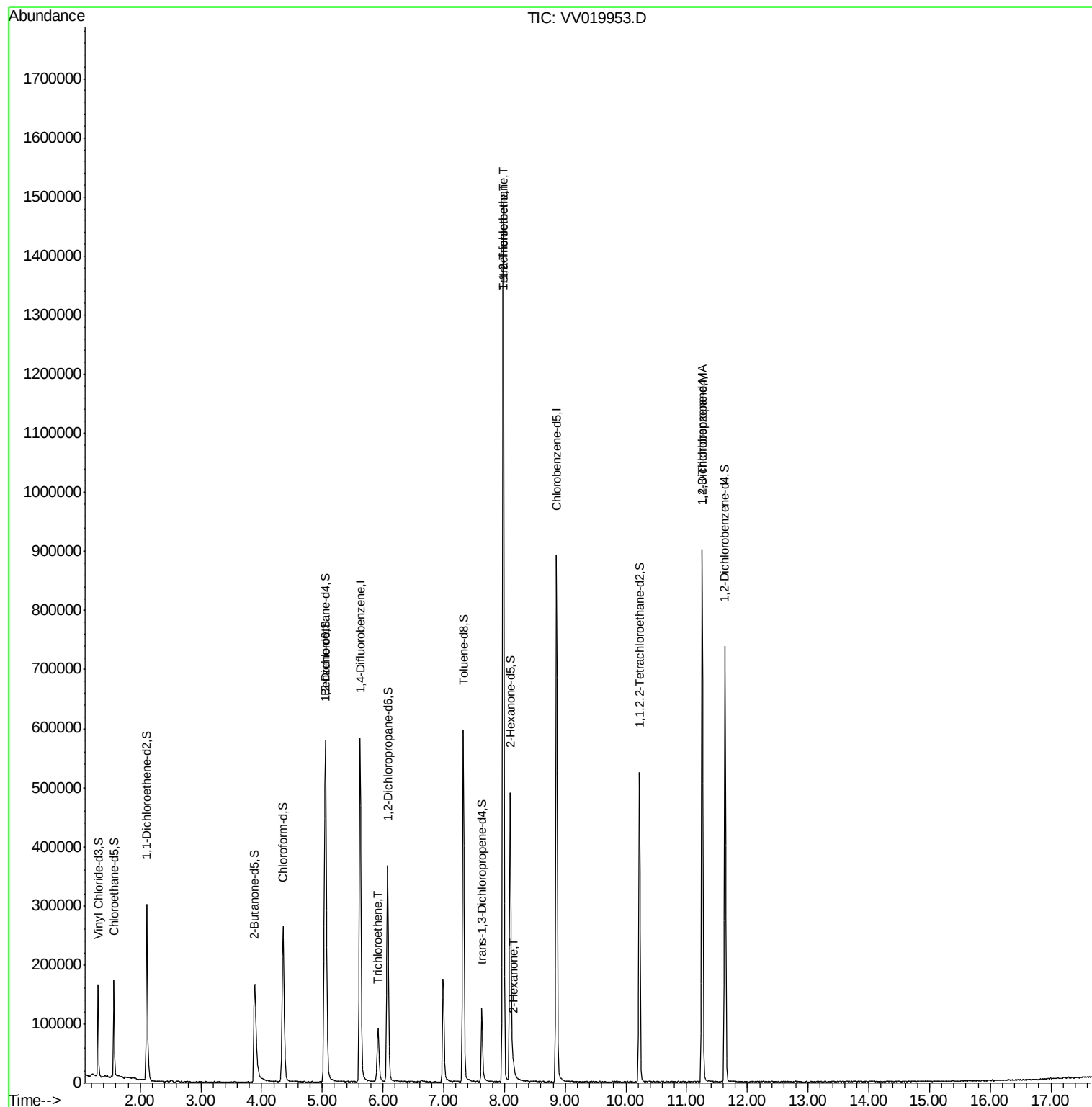
					Ovalue
34) Trichloroethene	5.93	95	24392	6.571 ug/L	95
45) 1,1,2-Trichloroethane	7.98	97	3073	0.892 ug/L #	1
46) Tetrachloroethene	7.98	164	289828	116.908 ug/L	98
48) 2-Hexanone	8.15	43	13124	3.017 ug/L #	70
59) 1,2,3-Trichloropropane	11.26	75	30254	6.333 ug/L	90

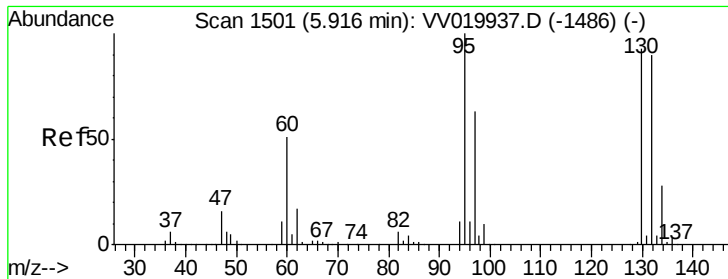
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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





#34

Trichloroethene

Concen: 6.571 ug/L

RT: 5.93 min Scan# 1504

Delta R.T. 0.01 min

Lab File: VV019953.D

Acq: 08 Jan 2021 17:34

Instrument :

MSVOA_V

ClientSampleId :

BG4X4DL

Tot Ion: 95 Resp: 24392

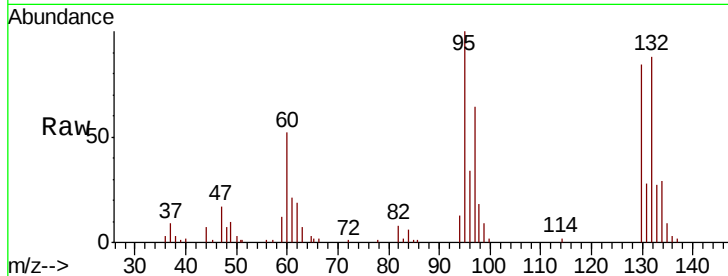
Ion Ratio Lower Upper

95 100

97 63.5 44.5 82.7

132 88.3 63.4 117.8

130 84.4 67.1 124.5

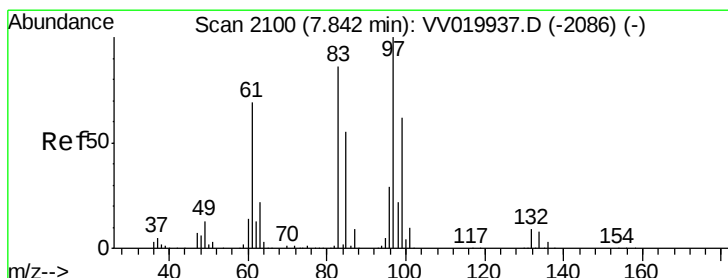
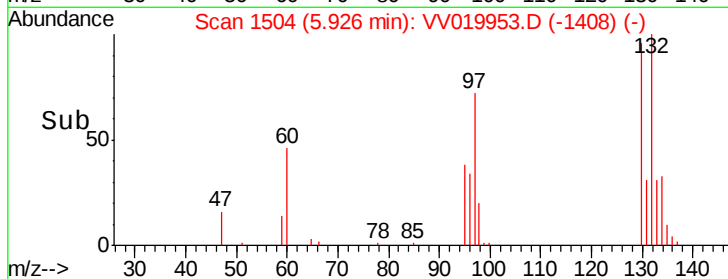
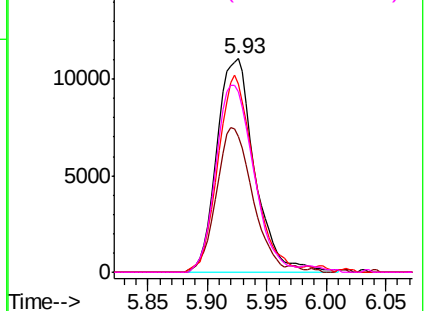


Abundance Ion 95.00 (94.70 to 95.70): VV0

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: 0.892 ug/L

RT: 7.98 min Scan# 2142

Delta R.T. 0.14 min

Lab File: VV019953.D

Acq: 08 Jan 2021 17:34

Tgt Ion: 97 Resp: 3073

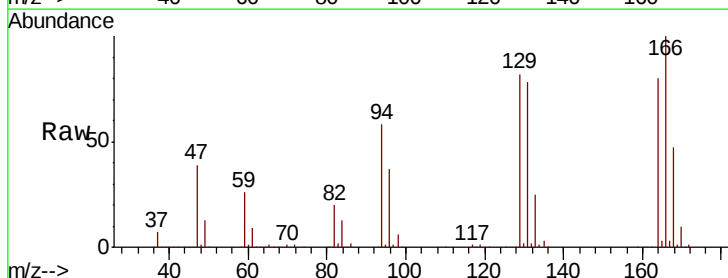
Ion Ratio Lower Upper

97 100

99 15.9 43.8 81.3#

83 256.8 62.2 115.4#

85 29.6 39.0 72.4#

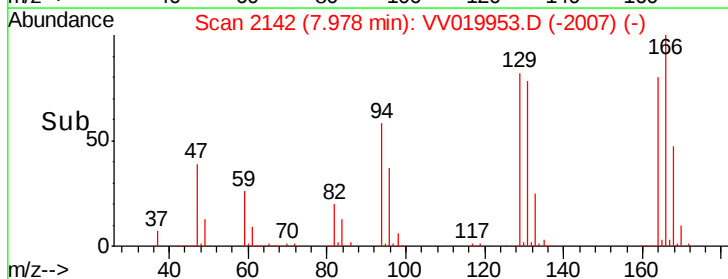
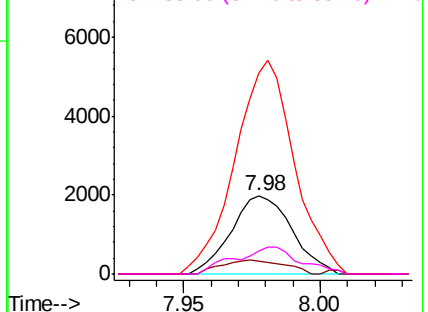


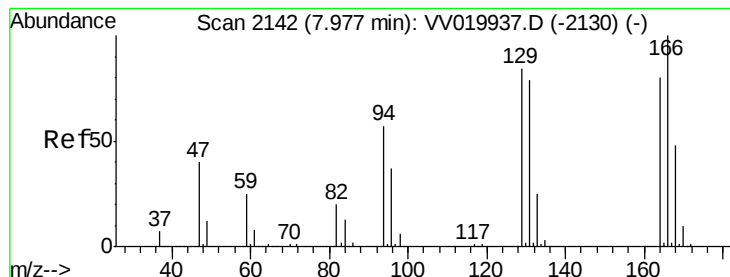
Abundance Ion 97.00 (96.70 to 97.70): VV0

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: 116.908 ug/L

RT: 7.98 min Scan# 2143

Delta R.T. 0.00 min

Lab File: VV019953.D

Acq: 08 Jan 2021 17:34

Instrument :

MSVOA_V

ClientSampleId :

BG4X4DL

Tot Ion:164 Resp: 289828

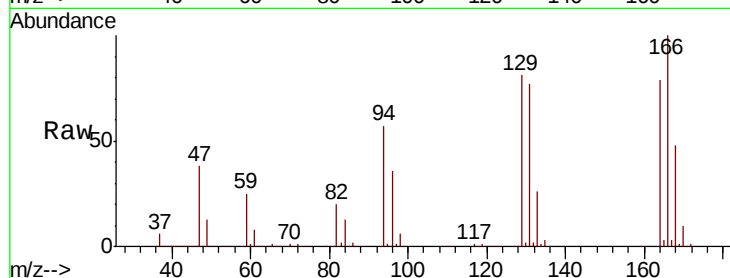
Ion Ratio Lower Upper

164 100

129 102.9 70.6 131.0

131 98.0 66.8 124.0

166 127.0 88.2 163.8

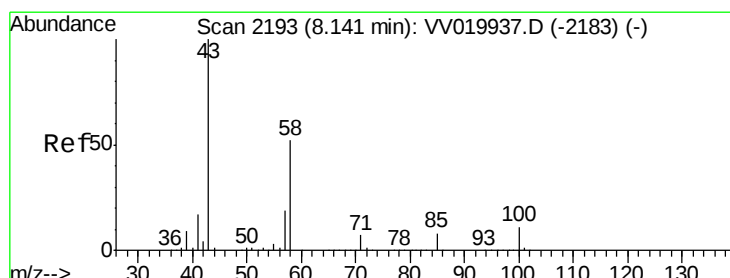
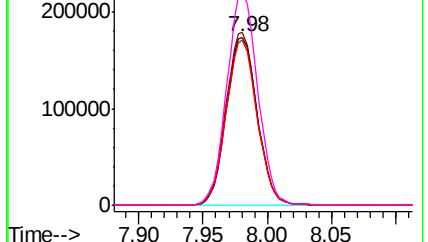
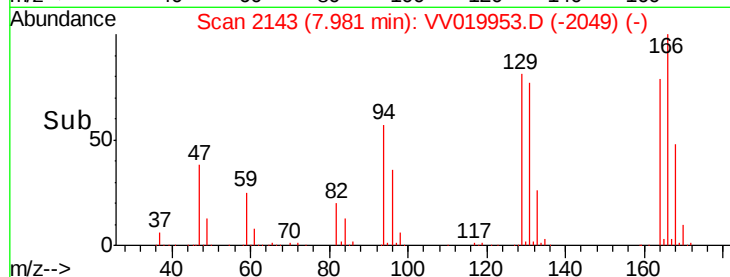


Abundance Ion 164.00 (163.70 to 164.70): V

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: 3.017 ug/L

RT: 8.15 min Scan# 2196

Delta R.T. 0.01 min

Lab File: VV019953.D

Acq: 08 Jan 2021 17:34

Tgt Ion: 43 Resp: 13124

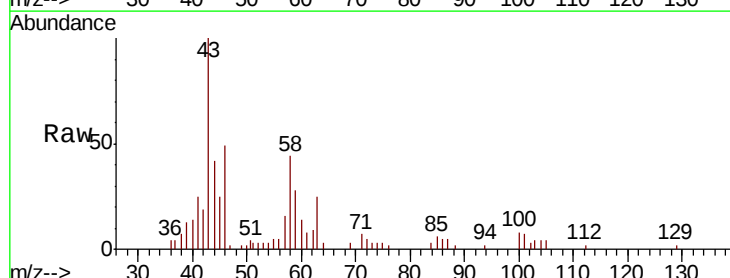
Ion Ratio Lower Upper

43 100

58 26.8 41.8 62.6#

57 6.8 15.0 22.4#

100 9.7 8.9 13.3

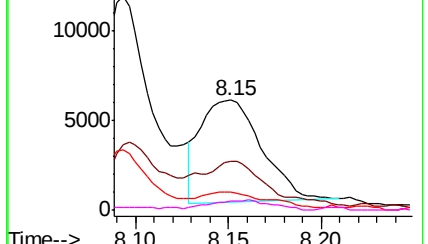
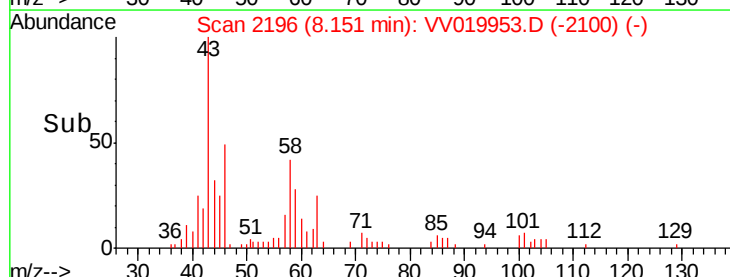


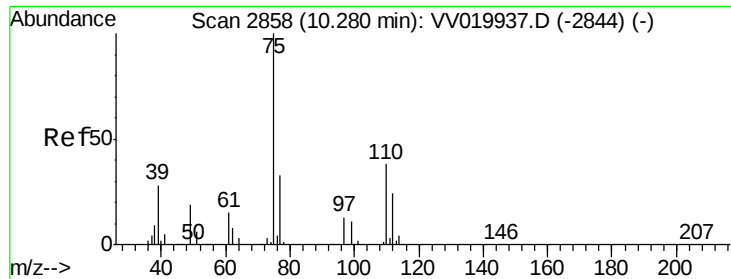
Abundance Ion 43.00 (42.70 to 43.70): VV0

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: 6.333 ug/L

RT: 11.26 min Scan# 3162

Delta R.T. 0.98 min

Lab File: VV019953.D

Acq: 08 Jan 2021 17:34

Instrument :

MSVOA_V

ClientSampleId :

BG4X4DL

Tot Ion: 75 Resp: 30254

Ion Ratio Lower Upper

75 100

77 37.3 25.4 38.0

