

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV010821\
 Data File : VV019945.D
 Acq On : 08 Jan 2021 14:12
 Operator : SY/MD
 Sample : M1064-02 100X
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BG4X3

Quant Time: Jan 08 22:52:21 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	481881	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.86	117	467599	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.26	152	217860	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	104431	28.00	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	56.00%#
7) Chloroethane-d5	1.57	69	105527	35.60	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	71.20%
11) 1,1-Dichloroethene-d2	2.11	63	183971	26.10	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	52.20%#
21) 2-Butanone-d5	3.90	46	302613	109.49	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	109.49%
24) Chloroform-d	4.35	84	280377	39.80	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	79.60%
26) 1,2-Dichloroethane-d4	5.04	65	199786	43.38	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.76%
32) Benzene-d6	5.05	84	500923	37.20	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	74.40%
36) 1,2-Dichloropropane-d6	6.07	67	177359	40.06	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	80.12%
41) Toluene-d8	7.32	98	417805	34.86	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	69.72%#
43) trans-1,3-Dichloropropene-	7.63	79	72647	33.01	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	66.02%
47) 2-Hexanone-d5	8.09	63	170376	93.11	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	93.11%
57) 1,1,2,2-Tetrachloroethane-	10.22	84	256025	44.46	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	88.92%
64) 1,2-Dichlorobenzene-d4	11.63	152	184374	44.24	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.48%

Target Compounds

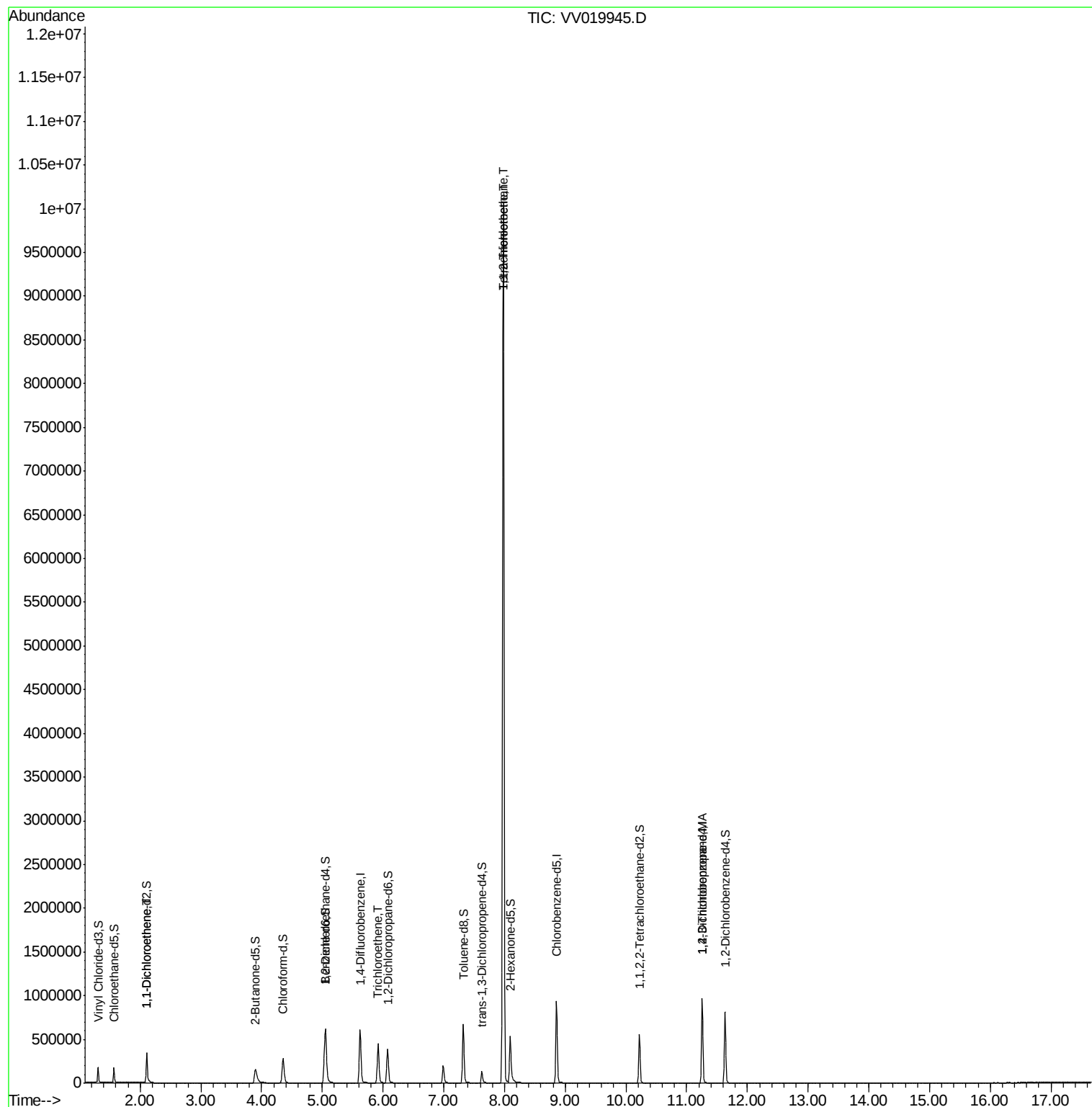
					Ovalue
12) 1,1-Dichloroethene	2.12	96	4181	1.364 ug/L #	1
34) Trichloroethene	5.92	95	153120	39.244 ug/L	99
45) 1,1,2-Trichloroethane	7.98	97	20288	5.600 ug/L #	1
46) Tetrachloroethene	7.98	164	1934387	742.383 ug/L	98
59) 1,2,3-Trichloropropane	11.25	75	32608	6.494 ug/L	92

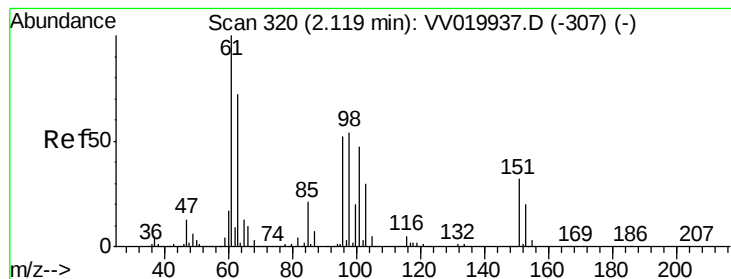
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 1.364 ug/L

RT: 2.12 min Scan# 319

Delta R.T. -0.00 min

Lab File: VV019945.D

Acq: 08 Jan 2021 14:12

Instrument :

MSVOA_V

ClientSampleId :

BG4X3

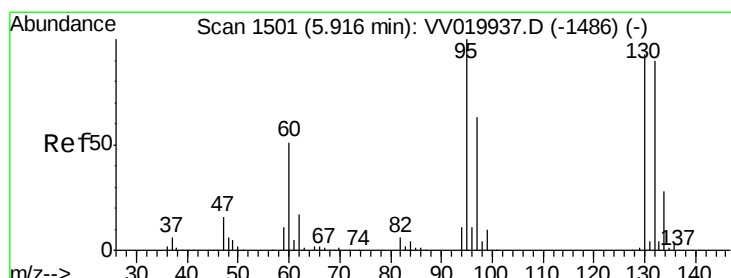
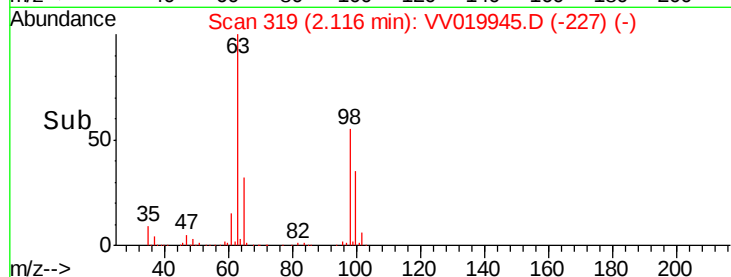
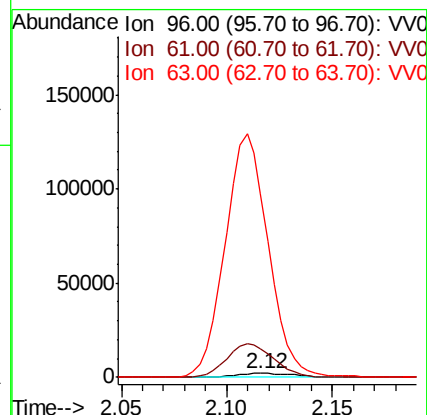
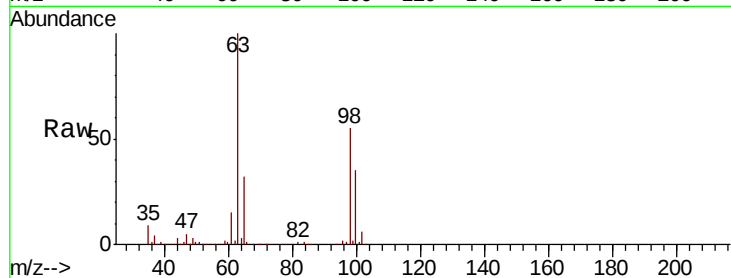
Tot Ion: 96 Resp: 4181

Ion Ratio Lower Upper

96 100

61 688.6 134.9 250.5#

63 4484.2 117.6 218.4#



#34

Trichloroethene

Concen: 39.244 ug/L

RT: 5.92 min Scan# 1502

Delta R.T. 0.00 min

Lab File: VV019945.D

Acq: 08 Jan 2021 14:12

Tgt Ion: 95 Resp: 153120

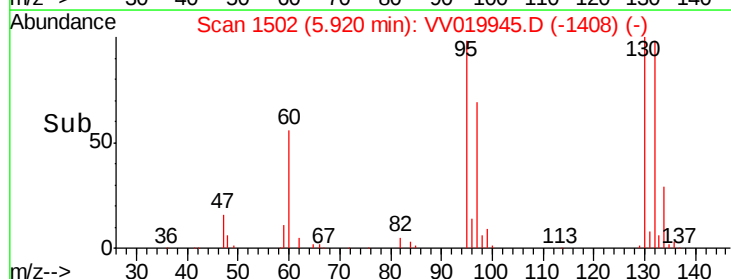
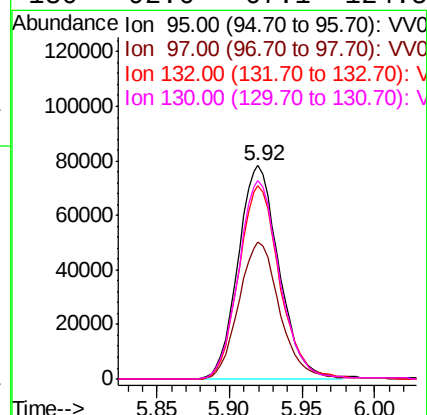
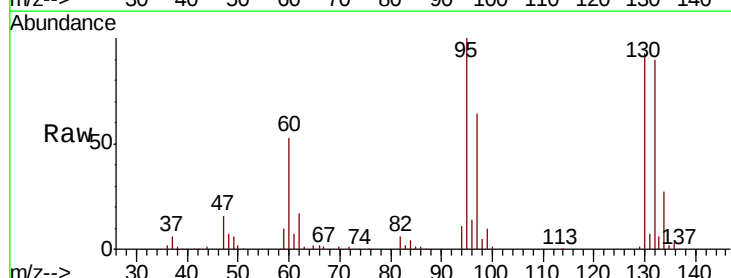
Ion Ratio Lower Upper

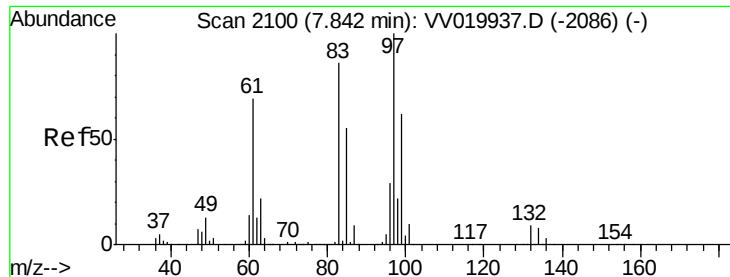
95 100

97 63.9 44.5 82.7

132 90.5 63.4 117.8

130 92.6 67.1 124.5





#45

1,1,2-Trichloroethane

Concen: 5.600 ug/L

RT: 7.98 min Scan# 2142

Delta R.T. 0.14 min

Lab File: VV019945.D

Acq: 08 Jan 2021 14:12

Instrument :

MSVOA_V

ClientSampleId :

BG4X3

Tot Ion: 97 Resp: 20288

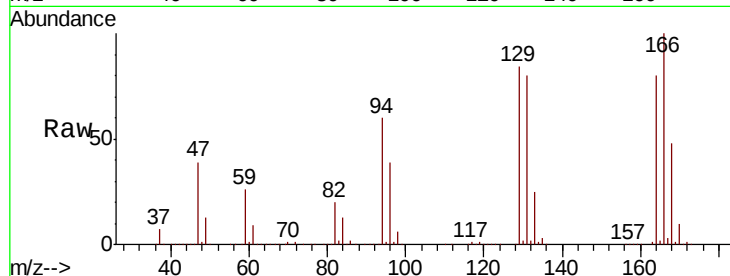
Ion Ratio Lower Upper

97 100

99 17.1 43.8 81.3#

83 256.5 62.2 115.4#

85 37.1 39.0 72.4#



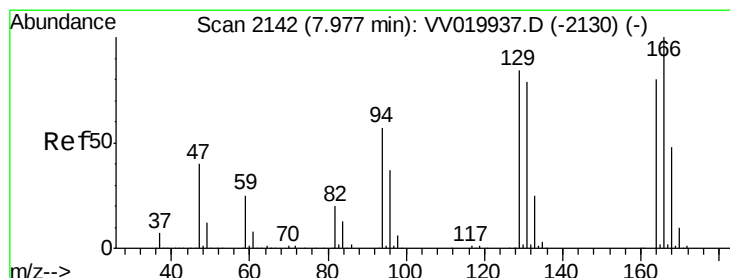
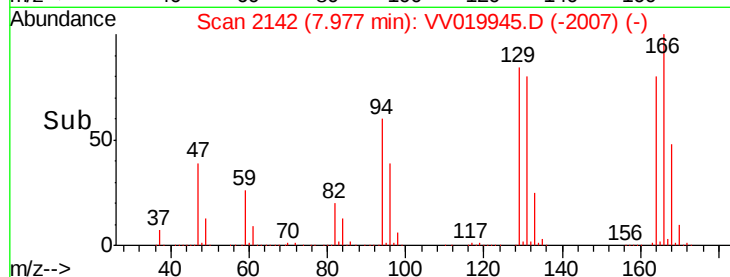
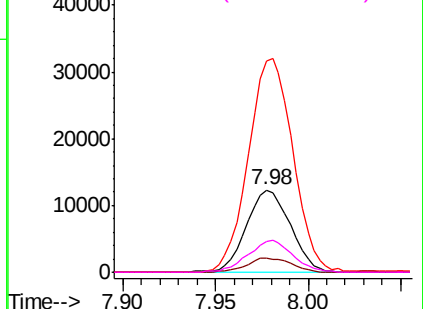
Abundance

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: 742.383 ug/L

RT: 7.98 min Scan# 2143

Delta R.T. 0.00 min

Lab File: VV019945.D

Acq: 08 Jan 2021 14:12

Tgt Ion:164 Resp: 1934387

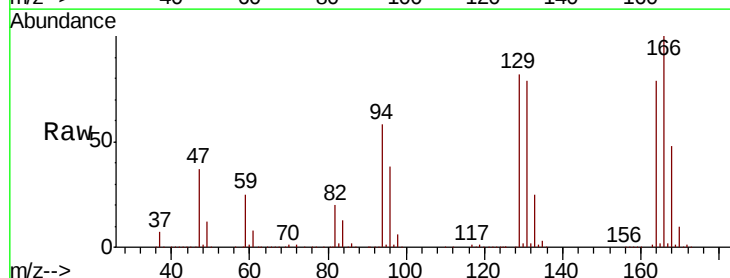
Ion Ratio Lower Upper

164 100

129 103.9 70.6 131.0

131 99.6 66.8 124.0

166 126.2 88.2 163.8



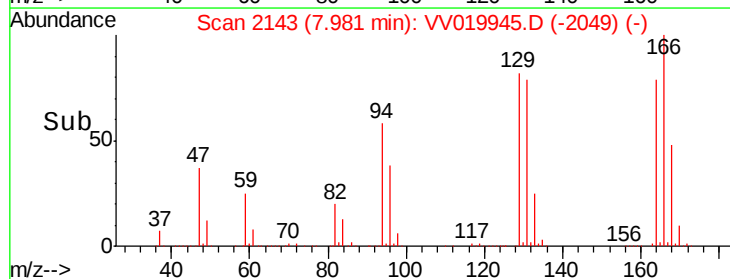
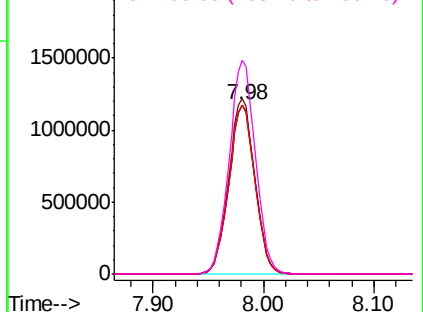
Abundance

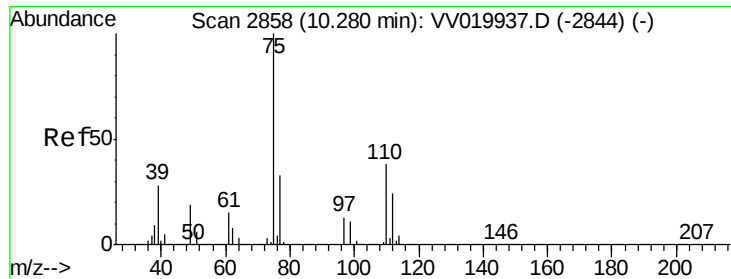
Ion 164.00 (163.70 to 164.70): V

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





#59

1,2,3-Trichloropropane

Concen: 6.494 ug/L

RT: 11.25 min Scan# 3161

Delta R.T. 0.97 min

Lab File: VV019945.D

Acq: 08 Jan 2021 14:12

Instrument :

MSVOA_V

ClientSampleId :

BG4X3

Tot Ion: 75 Resp: 32608

Ion Ratio Lower Upper

75 100

77 35.9 25.4 38.0

