

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV010721\
 Data File : VV019932.D
 Acq On : 07 Jan 2021 19:22
 Operator : SY/MD
 Sample : M1016-11
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BG4W9

Quant Time: Jan 08 04:06:00 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM122820WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jan 08 01:32:18 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.62	114	481291	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.86	117	458621	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.26	152	211333	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	108669	29.18	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	58.36%#
7) Chloroethane-d5	1.57	69	106884	36.10	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	72.20%
11) 1,1-Dichloroethene-d2	2.11	63	184797	26.25	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	52.50%#
21) 2-Butanone-d5	3.89	46	276193	100.05	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	100.05%
24) Chloroform-d	4.35	84	274546	39.02	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	78.04%
26) 1,2-Dichloroethane-d4	5.04	65	197020	42.83	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.66%
32) Benzene-d6	5.05	84	488145	36.96	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	73.92%
36) 1,2-Dichloropropane-d6	6.07	67	174525	40.19	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	80.38%
41) Toluene-d8	7.32	98	408528	34.76	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	69.52%#
43) trans-1,3-Dichloropropene-	7.63	79	72826	33.74	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	67.48%
47) 2-Hexanone-d5	8.09	63	144659	80.60	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	80.60%
57) 1,1,2,2-Tetrachloroethane-	10.22	84	244014	43.21	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	86.42%
64) 1,2-Dichlorobenzene-d4	11.63	152	176242	43.60	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	87.20%

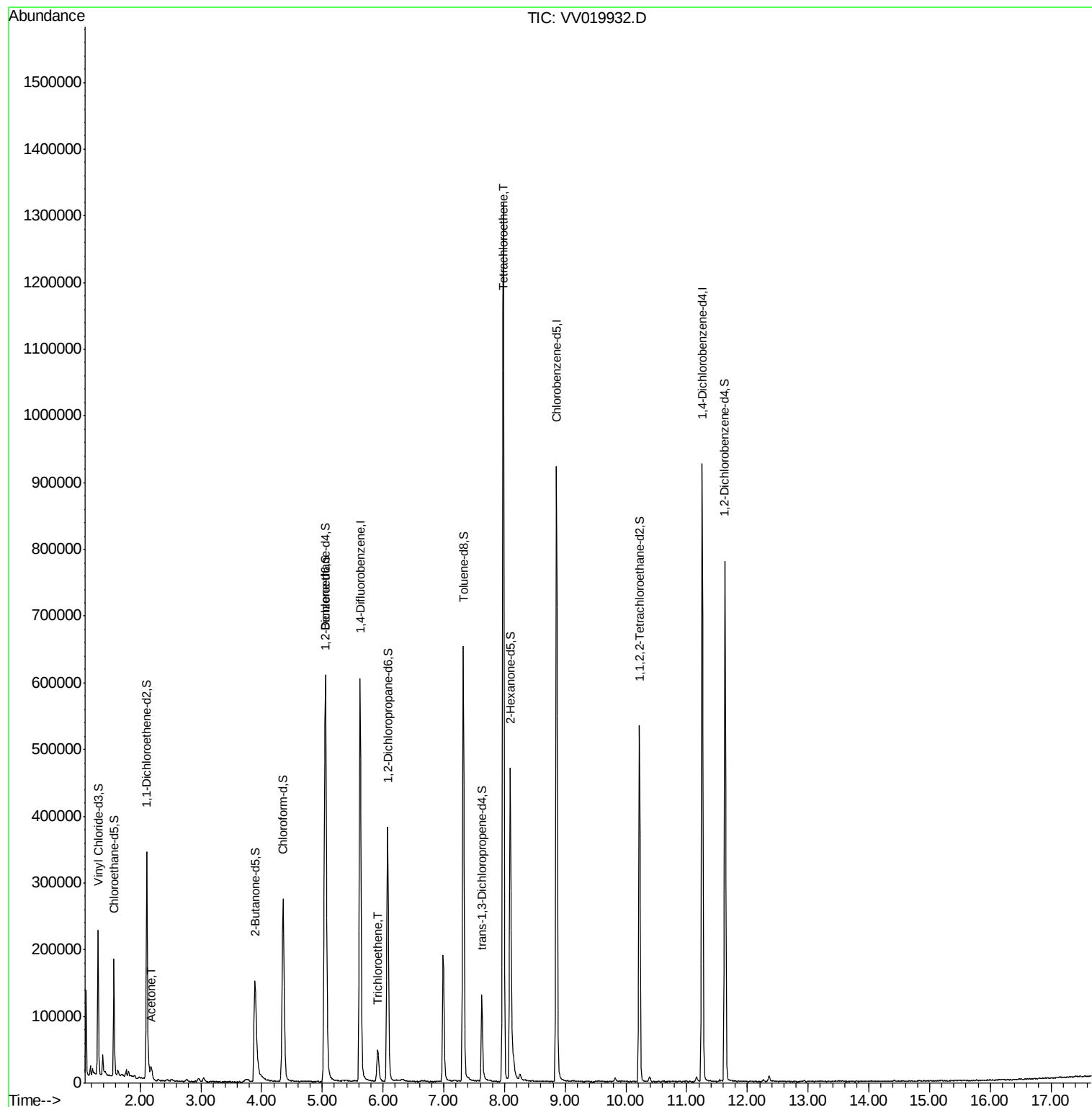
Target Compounds					Ovalue
13) Acetone	2.18	43	28569	13.369 ug/L	98
34) Trichloroethene	5.92	95	6613	1.728 ug/L	93
46) Tetrachloroethene	7.98	164	257342	100.697 ug/L	99

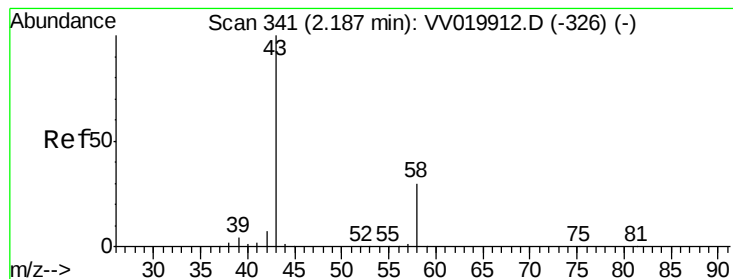
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 13.369 ug/L

RT: 2.18 min Scan# 340

Delta R.T. -0.00 min

Lab File: VV019932.D

Acq: 07 Jan 2021 19:22

Instrument :

MSVOA_V

ClientSampled :

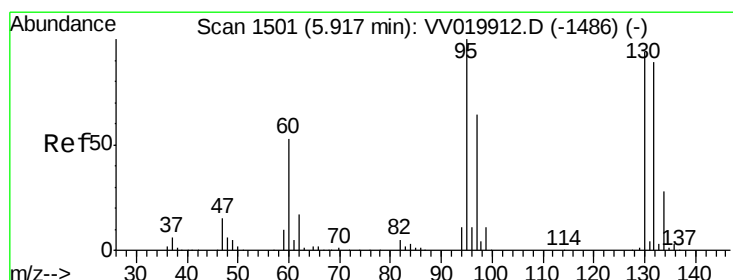
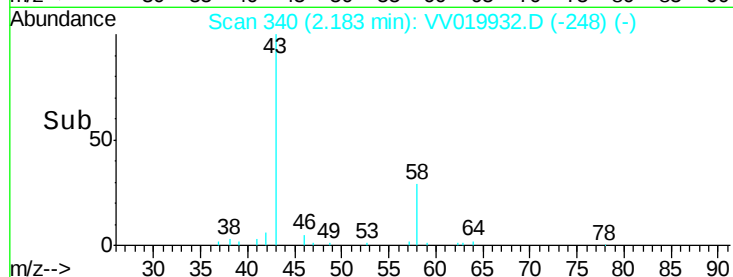
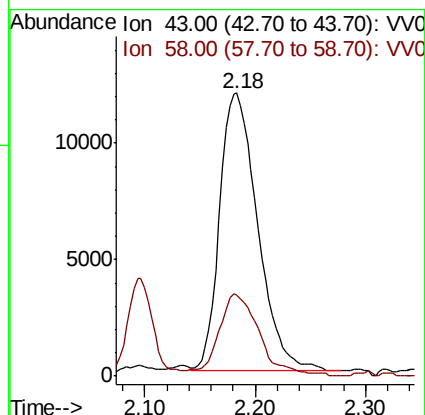
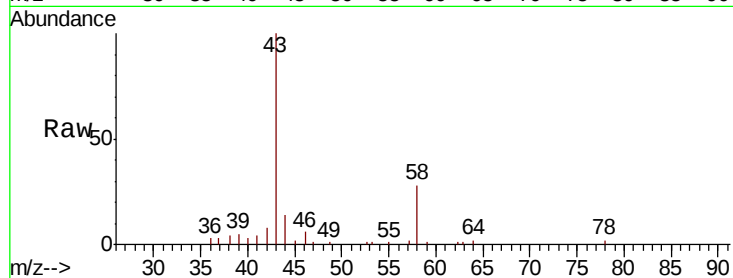
BG4W9

Tot Ion: 43 Resp: 28569

Ion Ratio Lower Upper

43 100

58 29.2 0.0 60.2



#34

Trichloroethene

Concen: 1.728 ug/L

RT: 5.92 min Scan# 1503

Delta R.T. 0.01 min

Lab File: VV019932.D

Acq: 07 Jan 2021 19:22

Tgt Ion: 95 Resp: 6613

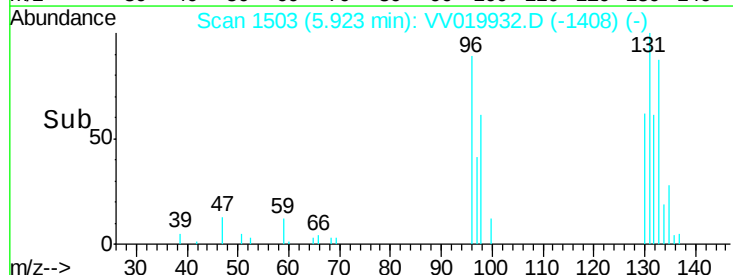
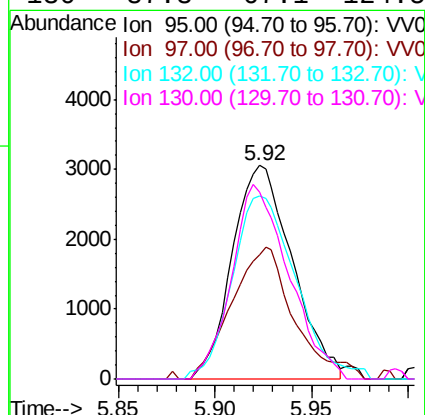
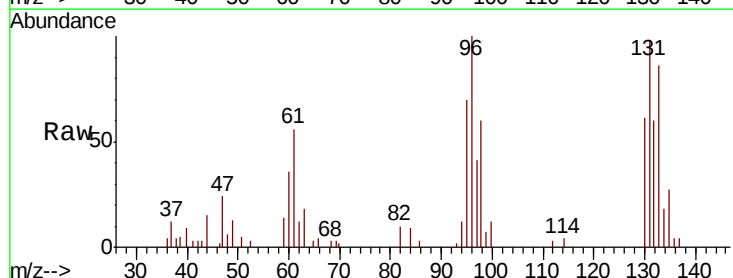
Ion Ratio Lower Upper

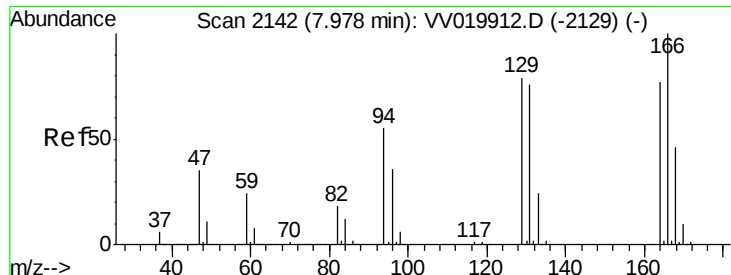
95 100

97 58.1 44.5 82.7

132 85.4 63.4 117.8

130 87.3 67.1 124.5





#46

Tetrachloroethene

Concen: 100.697 ug/L

RT: 7.98 min Scan# 2143

Delta R.T. 0.00 min

Lab File: VV019932.D

Acq: 07 Jan 2021 19:22

Instrument :

MSVOA_V

ClientSampleId :

BG4W9

Tot Ion:164 Resp: 257342

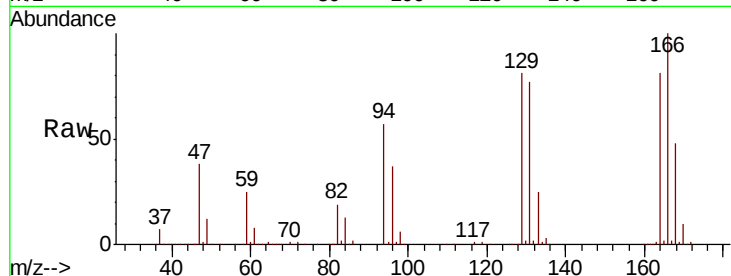
Ion Ratio Lower Upper

164 100

129 100.5 70.6 131.0

131 95.5 66.8 124.0

166 123.5 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

