

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW110620\
 Data File : VW017102.D
 Acq On : 06 Nov 2020 15:50
 Operator : SY/VA
 Sample : L4659-04
 Misc : 5.68G/10ML/MSVOA W/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BG4A6

Quant Time: Nov 07 05:50:23 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM110420S.M
 Quant Title : VOC Analysis
 QLast Update : Sat Nov 07 04:26:24 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	462624	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	404488	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	182003	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	132909	22.81	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	91.24%
7) Chloroethane-d5	2.90	69	102089	22.74	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	90.96%
10) 1,1-Dichloroethene-d2	4.03	63	174268	16.72	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	66.88%
20) 2-Butanone-d5	7.09	46	39809	30.55	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	61.10%
24) Chloroform-d	7.65	84	236843	21.93	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	87.72%
26) 1,2-Dichloroethane-d4	8.31	65	116274	21.66	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	86.64%
29) Benzene-d6	8.28	84	487316	23.66	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	94.64%
33) 1,2-Dichloropropane-d6	9.28	67	132664	23.28	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	93.12%
37) Toluene-d8	10.33	98	457405	23.55	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	94.20%
38) trans-1,3-Dichloropropene-	10.58	79	52158	20.31	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	81.24%
39) 2-Hexanone-d5	10.93	63	32430	32.62	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	65.24%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	92872	18.71	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	74.84%
61) 1,2-Dichlorobenzene-d4	13.86	152	143776	22.42	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	89.68%

Target Compounds

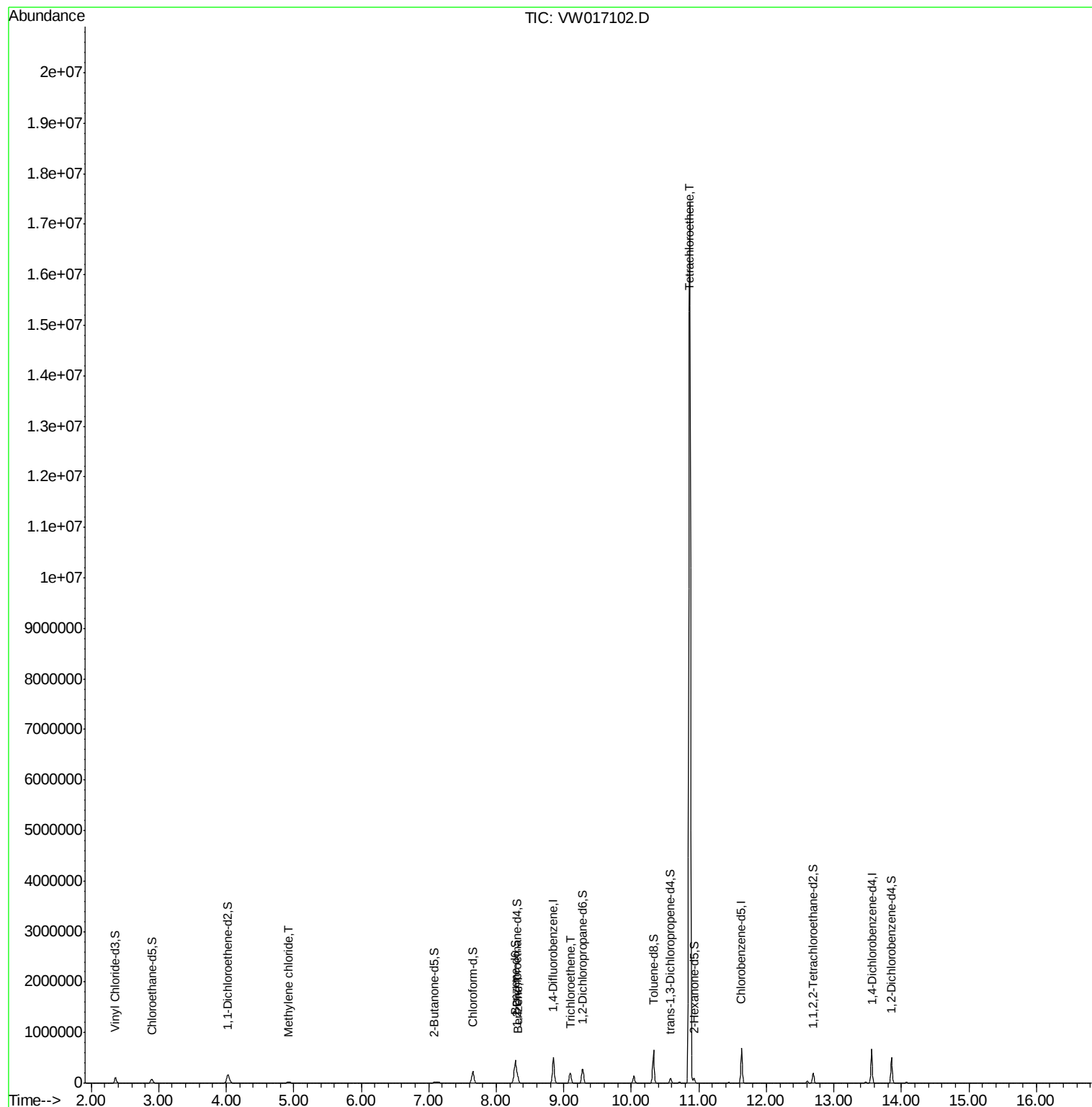
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
16) Methylene chloride	4.92	84	23290	3.734	ug/L	93
34) Benzene	8.33	78	7844	0.369	ug/L	100
35) Trichloroethene	9.10	95	68037	11.435	ug/L	99
47) Tetrachloroethene	10.87	164	4233885	788.723	ug/L	95

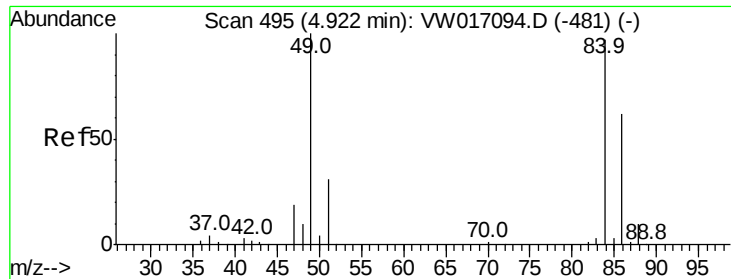
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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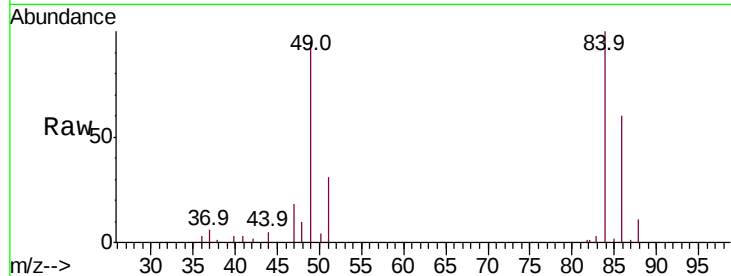




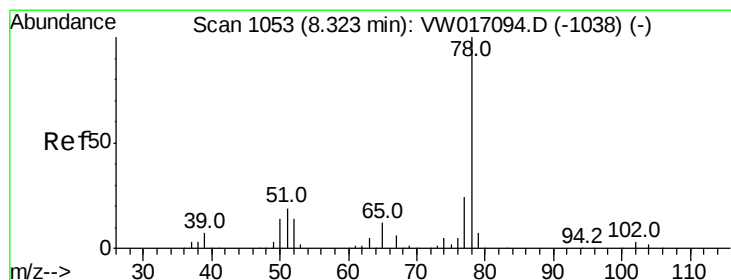
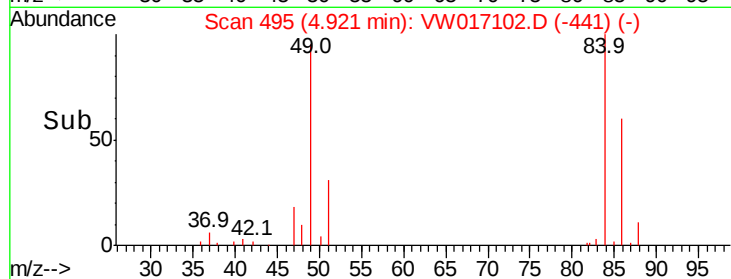
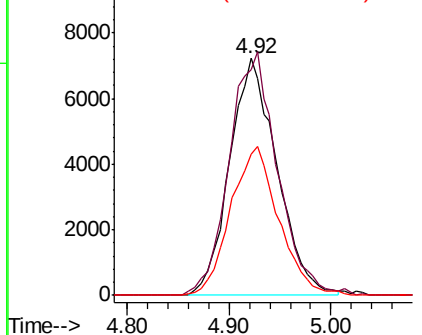
#16
Methvlene chloride
Concen: 3.734 ug/L
RT: 4.92 min Scan# 495
Delta R.T. -0.00 min
Lab File: VW017102.D
Acq: 06 Nov 2020 15:50

Instrument :
MSVOA_W
ClientSampled :
BG4A6

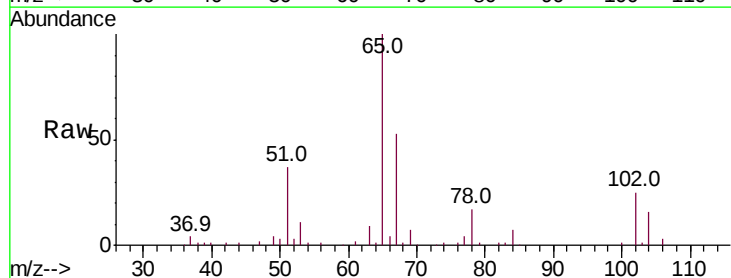
Tot Ion: 84 Resp: 23290
Ion Ratio Lower Upper
84 100
49 95.2 72.3 134.3
86 59.6 45.1 83.7



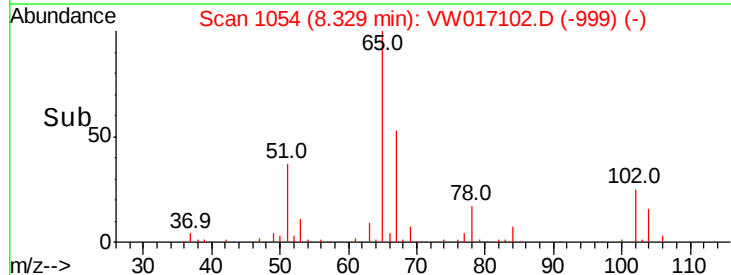
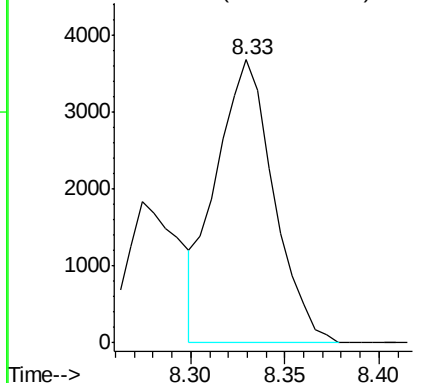
Abundance Ion 84.00 (83.70 to 84.70): VW
Ion 49.00 (48.70 to 49.70): VW
Ion 86.00 (85.70 to 86.70): VW

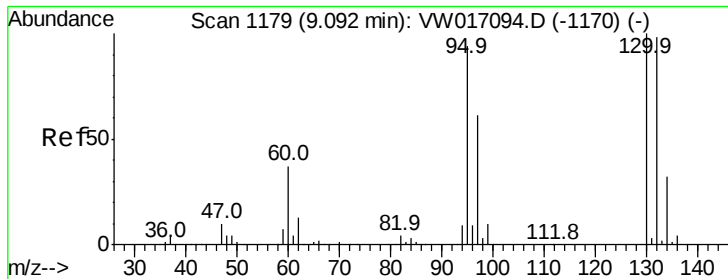


#34
Benzene
Concen: 0.369 ug/L
RT: 8.33 min Scan# 1054
Delta R.T. 0.01 min
Lab File: VW017102.D
Acq: 06 Nov 2020 15:50
Tgt Ion: 78 Resp: 7844



Abundance Ion 78.00 (77.70 to 78.70): VW





#35

Trichloroethene

Concen: 11.435 ug/L

RT: 9.10 min Scan# 1180

Delta R.T. 0.01 min

Lab File: VW017102.D

Acq: 06 Nov 2020 15:50

Instrument :

MSVOA_W

ClientSampleId :

BG4A6

Tot Ion: 95 Resp: 68037

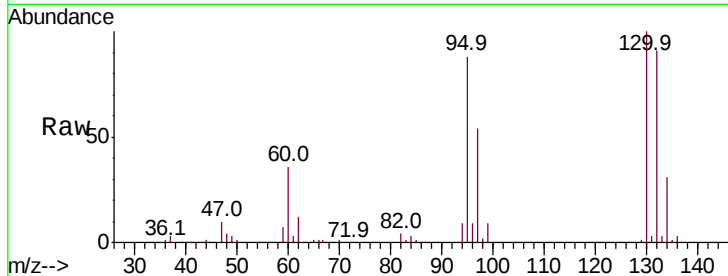
Ion Ratio Lower Upper

95 100

97 65.3 45.0 83.6

132 105.4 73.7 136.9

130 109.3 77.1 143.1



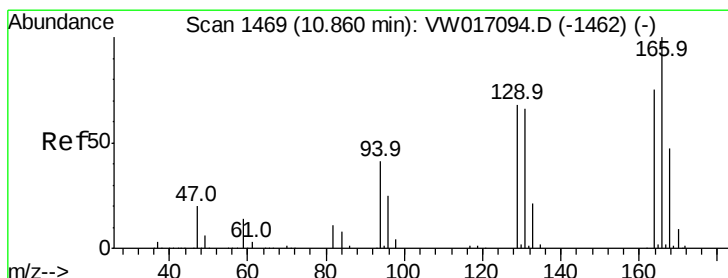
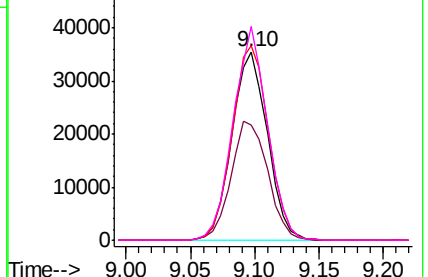
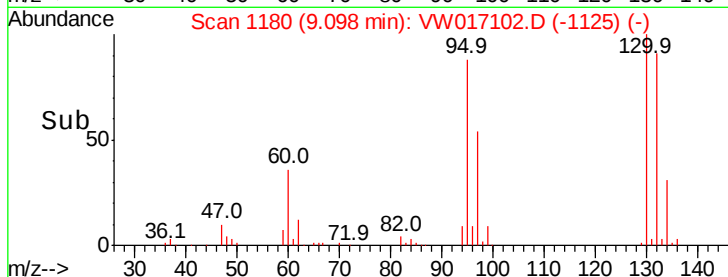
Abundance Ion 95.00 (94.70 to 95.70): VW

Ion 97.00 (96.70 to 97.70): VW

Ion 132.00 (131.70 to 132.70): VW

Ion 130.00 (129.70 to 130.70): VW

Time-->



#47

Tetrachloroethene

Concen: 788.723 ug/L

RT: 10.87 min Scan# 1470

Delta R.T. 0.01 min

Lab File: VW017102.D

Acq: 06 Nov 2020 15:50

Tgt Ion: 164 Resp: 4233885

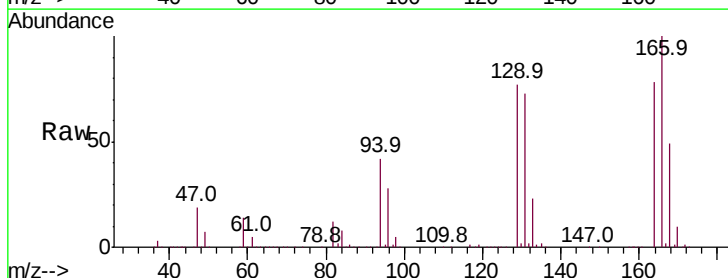
Ion Ratio Lower Upper

164 100

129 98.7 62.9 116.7

131 94.0 63.3 117.5

166 128.5 92.0 170.8



Abundance Ion 164.00 (163.70 to 164.70): VW

Ion 129.00 (128.70 to 129.70): VW

Ion 131.00 (130.70 to 131.70): VW

Ion 166.00 (165.70 to 166.70): VW

Time-->

