

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW011421\
 Data File : VW017879.D
 Acq On : 14 Jan 2021 14:54
 Operator : SY/VA
 Sample : M1132-08
 Misc : 5.83G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 F1A07

Quant Time: Jan 14 23:47:36 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM122420S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Jan 14 21:44:45 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	289496	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	245633	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	98391	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	123583	27.59	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	110.36%
7) Chloroethane-d5	2.89	69	103985	28.13	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	112.52%
10) 1,1-Dichloroethene-d2	4.02	63	155357	19.91	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	79.64%
20) 2-Butanone-d5	7.08	46	46557	64.13	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	128.26%
24) Chloroform-d	7.65	84	212835	28.13	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	112.52%
26) 1,2-Dichloroethane-d4	8.31	65	121565	31.05	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	124.20%
29) Benzene-d6	8.27	84	403059	29.13	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	116.52%
33) 1,2-Dichloropropane-d6	9.27	67	121016	31.73	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	126.92%#
37) Toluene-d8	10.32	98	354137	26.65	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	106.60%
38) trans-1,3-Dichloropropene-	10.58	79	42474	24.98	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	99.92%
39) 2-Hexanone-d5	10.93	63	31401	65.56	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	131.12%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	83847	29.61	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	118.44%
61) 1,2-Dichlorobenzene-d4	13.85	152	89233	26.04	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	104.16%

Target Compounds

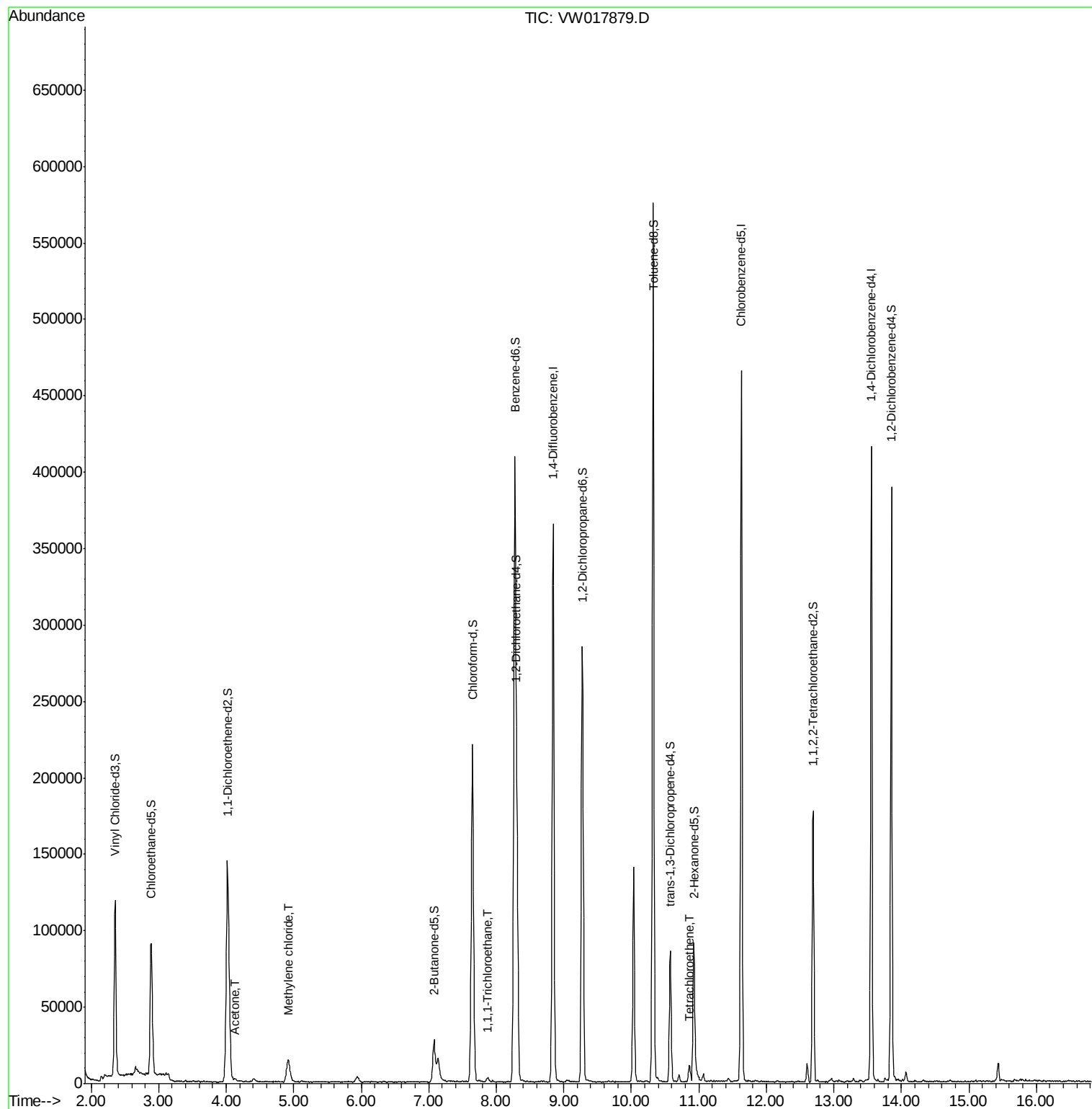
					Ovalue
13) Acetone	4.14	43	2731	4.356 ug/L	91
16) Methylene chloride	4.92	84	11902	2.875 ug/L	99
31) 1,1,1-Trichloroethane	7.87	97	1916	0.339 ug/L #	81
47) Tetrachloroethene	10.87	164	2356	0.775 ug/L	92

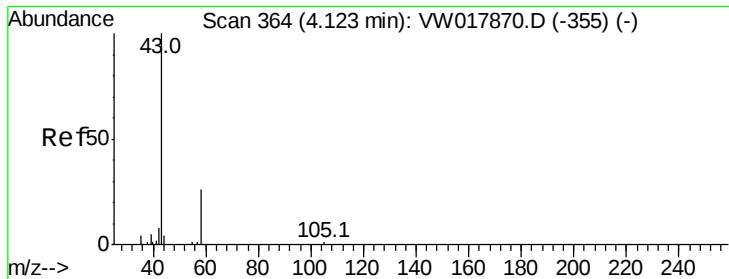
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 4.356 ug/L

RT: 4.14 min Scan# 366

Delta R.T. 0.01 min

Lab File: VW017879.D

Acq: 14 Jan 2021 14:54

Instrument :

MSVOA_W

ClientSampled :

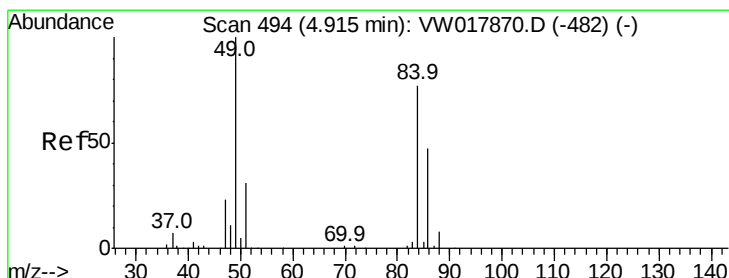
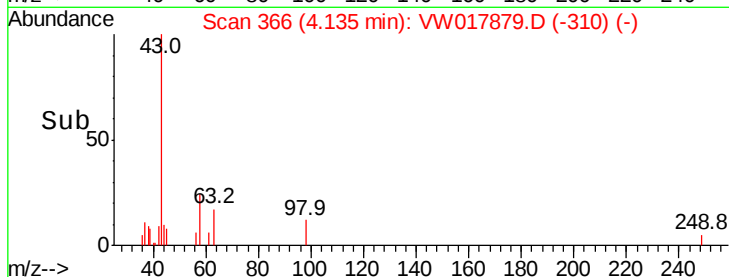
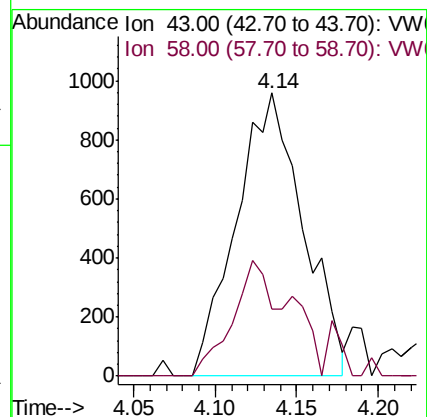
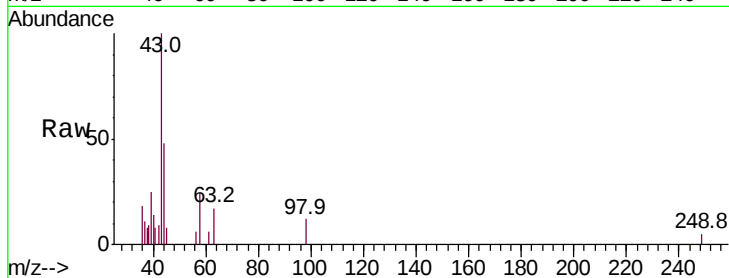
F1A07

Tot Ion: 43 Resp: 2731

Ion Ratio Lower Upper

43 100

58 25.6 0.0 60.8



#16

Methylene chloride

Concen: 2.875 ug/L

RT: 4.92 min Scan# 495

Delta R.T. 0.01 min

Lab File: VW017879.D

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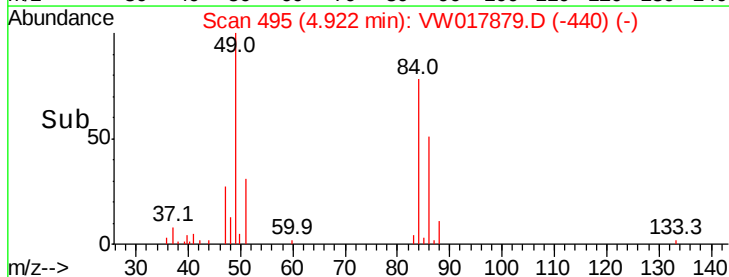
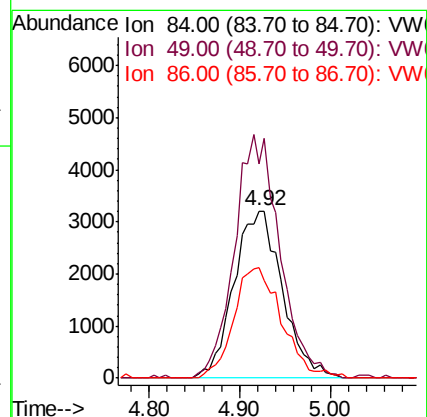
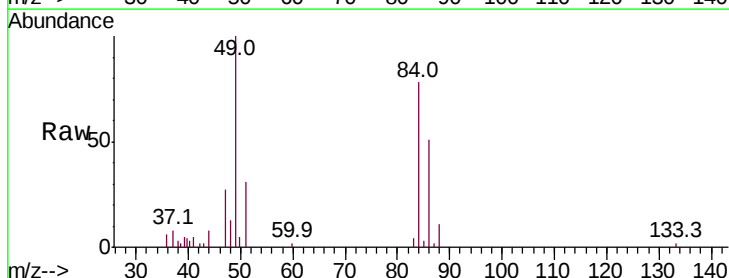
Tgt Ion: 84 Resp: 11902

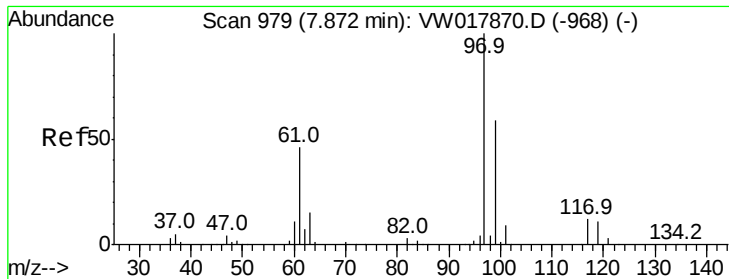
Ion Ratio Lower Upper

84 100

49 128.2 90.5 168.1

86 66.0 44.8 83.2





#31

1,1,1-Trichloroethane

Concen: 0.339 ug/L

RT: 7.87 min Scan# 979

Delta R.T. 0.00 min

Lab File: VW017879.D

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Instrument :

MSVOA_W

ClientSampled :

F1A07

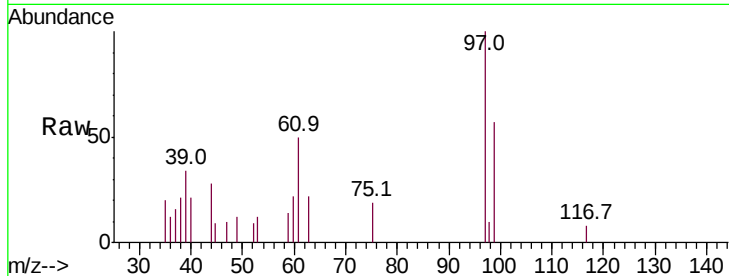
Tot Ion: 97 Resp: 1916

Ion Ratio Lower Upper

97 100

99 66.8 51.1 76.7

61 17.4 35.8 53.8#

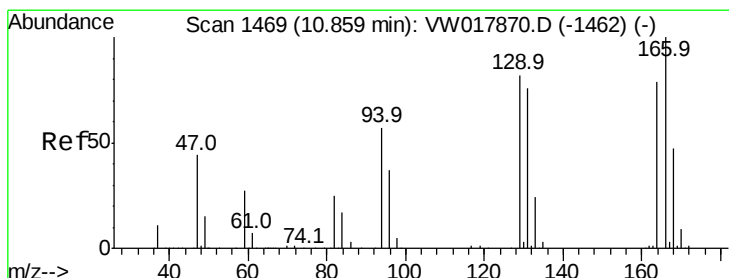
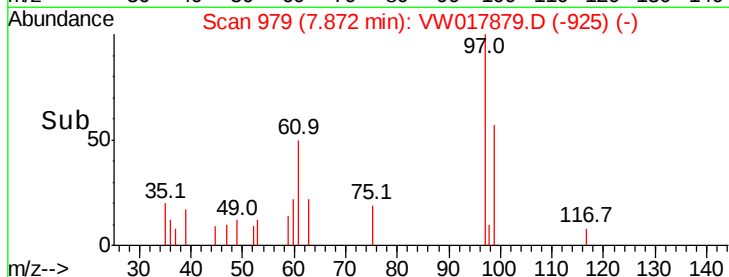
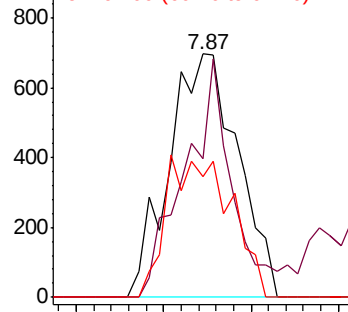


Abundance

Ion 97.00 (96.70 to 97.70): VW

Ion 99.00 (98.70 to 99.70): VW

Ion 61.00 (60.70 to 61.70): VW



#47

Tetrachloroethene

Concen: 0.775 ug/L

RT: 10.87 min Scan# 1470

Delta R.T. 0.01 min

Lab File: VW017879.D

Acq: 14 Jan 2021 14:54

Tgt Ion: 164 Resp: 2356

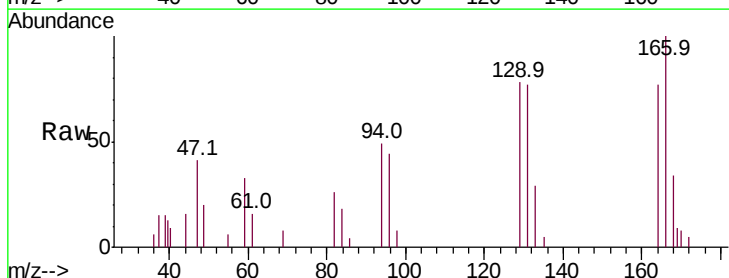
Ion Ratio Lower Upper

164 100

129 101.7 62.9 116.9

131 99.7 63.8 118.6

166 130.2 87.4 162.2



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

