

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW111419\
 Data File : VW014017.D
 Acq On : 14 Nov 2019 13:41
 Operator : SY/VA
 Sample : K5798-12
 Misc : 5.05G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BFLX0

Quant Time: Nov 15 03:01:43 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM111119S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Nov 15 01:46:12 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	376221	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	344480	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	157416	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	112560	18.75	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	75.00%
7) Chloroethane-d5	2.89	69	97743	20.09	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	80.36%
10) 1,1-Dichloroethene-d2	4.01	63	177924	14.44	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	57.76%
20) 2-Butanone-d5	7.07	46	72388	41.51	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	83.02%
24) Chloroform-d	7.64	84	255972	22.13	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	88.52%
26) 1,2-Dichloroethane-d4	8.30	65	131910	22.68	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	90.72%
29) Benzene-d6	8.27	84	550799	22.54	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	90.16%
33) 1,2-Dichloropropane-d6	9.27	67	168549	23.54	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	94.16%
37) Toluene-d8	10.32	98	491383	21.20	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	84.80%
38) trans-1,3-Dichloropropene-	10.57	79	61038	19.91	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	79.64%
39) 2-Hexanone-d5	10.92	63	58694	43.23	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	86.46%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	121052	22.39	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	89.56%
61) 1,2-Dichlorobenzene-d4	13.85	152	145070	22.94	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	91.76%

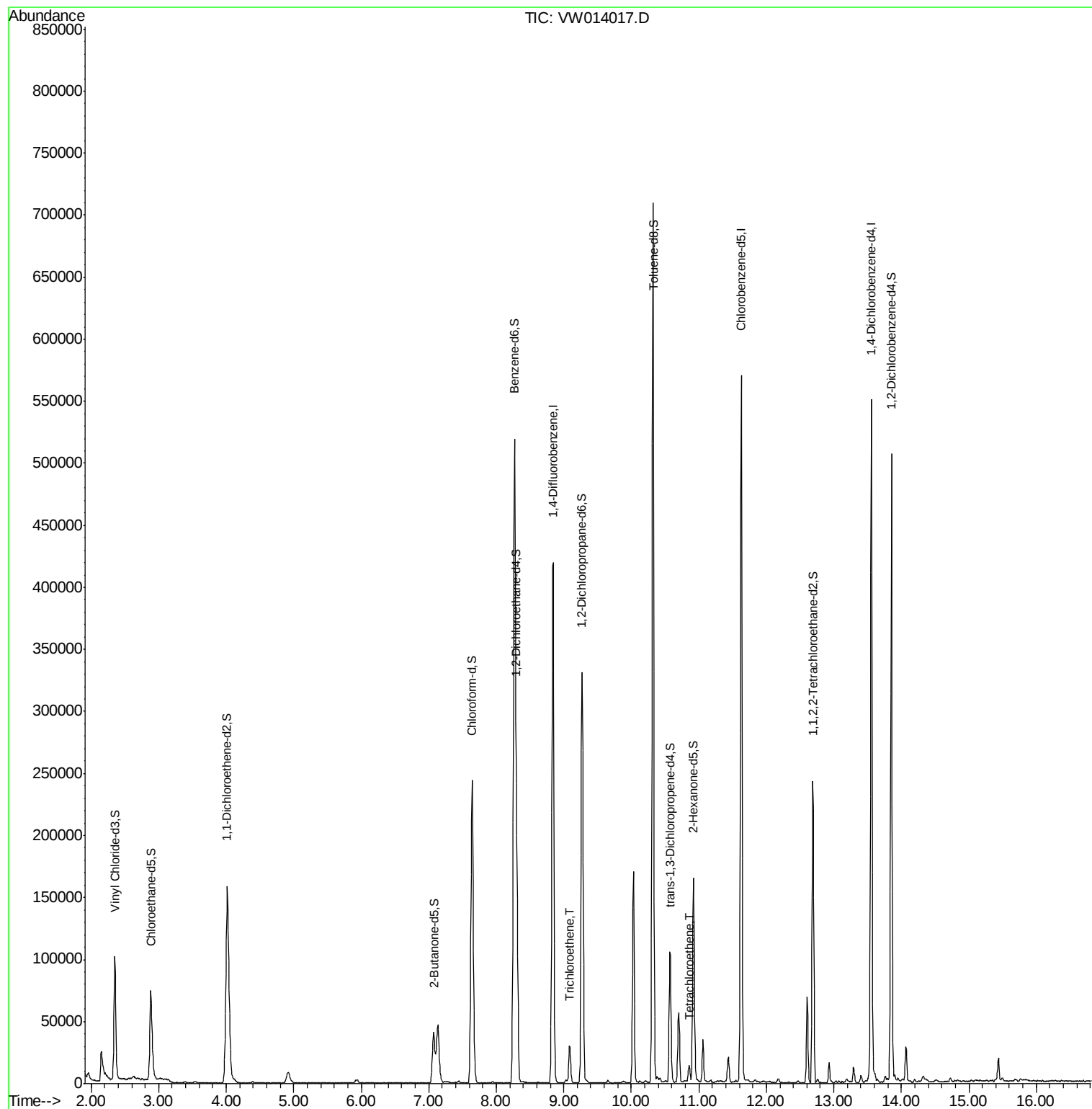
Target Compounds					Ovalue
35) Trichloroethene	9.09	95	10087	1.497 ug/L	96
47) Tetrachloroethene	10.86	164	3332	0.555 ug/L	94

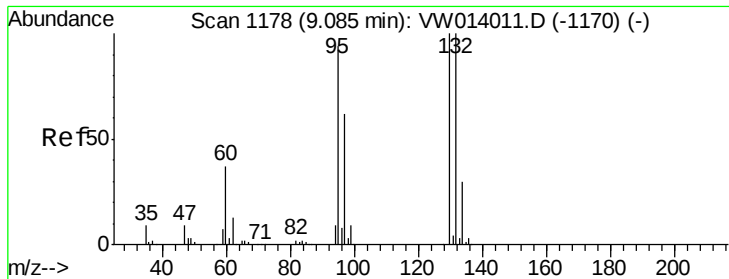
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#35

Trichloroethene

Concen: 1.497 ug/L

RT: 9.09 min Scan# 1178

Delta R.T. -0.00 min

Lab File: VW014017.D

Acq: 14 Nov 2019 13:41

Instrument :

MSVOA_W

ClientSampleId :

BFLX0

Tot Ion: 95 Resp: 10087

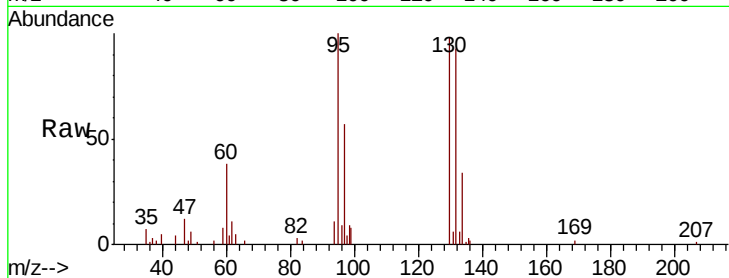
Ion Ratio Lower Upper

95 100

97 63.6 45.1 83.9

132 100.2 73.7 136.9

130 103.5 76.6 142.2

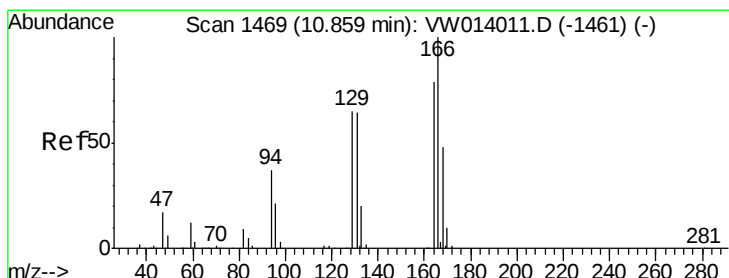
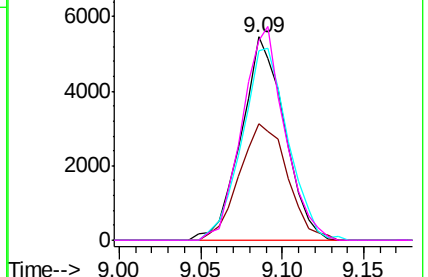
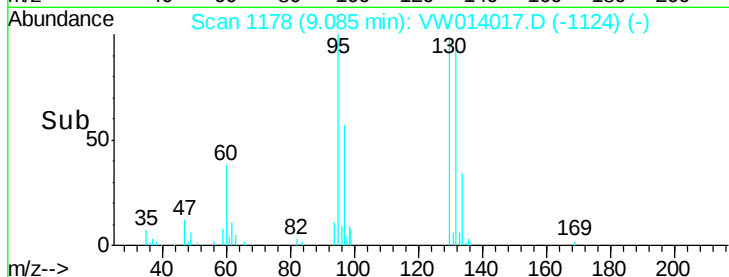


Abundance Ion 95.00 (94.70 to 95.70): VW

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



#47

Tetrachloroethene

Concen: 0.555 ug/L

RT: 10.86 min Scan# 1469

Delta R.T. -0.00 min

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Acq: 14 Nov 2019 13:41

Tgt Ion: 164 Resp: 3332

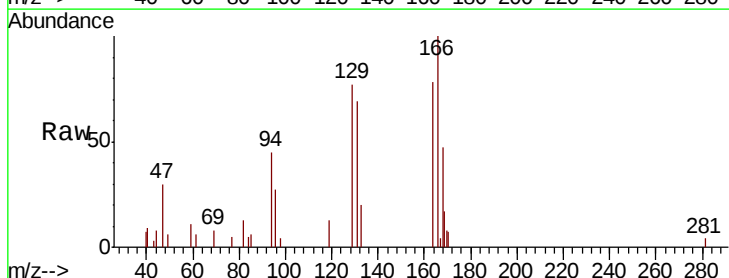
Ion Ratio Lower Upper

164 100

129 99.3 60.6 112.6

131 89.4 59.1 109.7

166 128.7 90.8 168.6



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

