

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW080218\
 Data File : VW004451.D
 Acq On : 03 Aug 2018 16:34
 Operator : SY/AP
 Sample : J4299-05
 Misc : 6.15G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 C0AE3

Quant Time: Aug 04 01:28:03 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM080218S.M
 Quant Title : VOC Analysis
 QLast Update : Sat Aug 04 01:26:48 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	931028	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	980449	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	428952	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	304125	26.26	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	105.04%
7) Chloroethane-d5	2.89	69	238248	24.46	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	97.84%
10) 1,1-Dichloroethene-d2	4.01	63	429843	18.28	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	73.12%
20) 2-Butanone-d5	7.09	46	267426	52.38	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	104.76%
24) Chloroform-d	7.65	84	585266	23.22	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	92.88%
26) 1,2-Dichloroethane-d4	8.31	65	366162	26.06	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	104.24%
29) Benzene-d6	8.28	84	1122945	21.53	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	86.12%
33) 1,2-Dichloropropane-d6	9.28	67	370097	21.71	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	86.84%
37) Toluene-d8	10.33	98	963880	20.96	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	83.84%
38) trans-1,3-Dichloropropene-	10.59	79	153235	21.86	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	87.44%
39) 2-Hexanone-d5	10.93	63	203423	49.02	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	98.04%
48) 1,1,2,2-Tetrachloroethane-	12.70	84	433202	23.43	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	93.72%
61) 1,2-Dichlorobenzene-d4	13.86	152	394144	24.46	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	97.84%

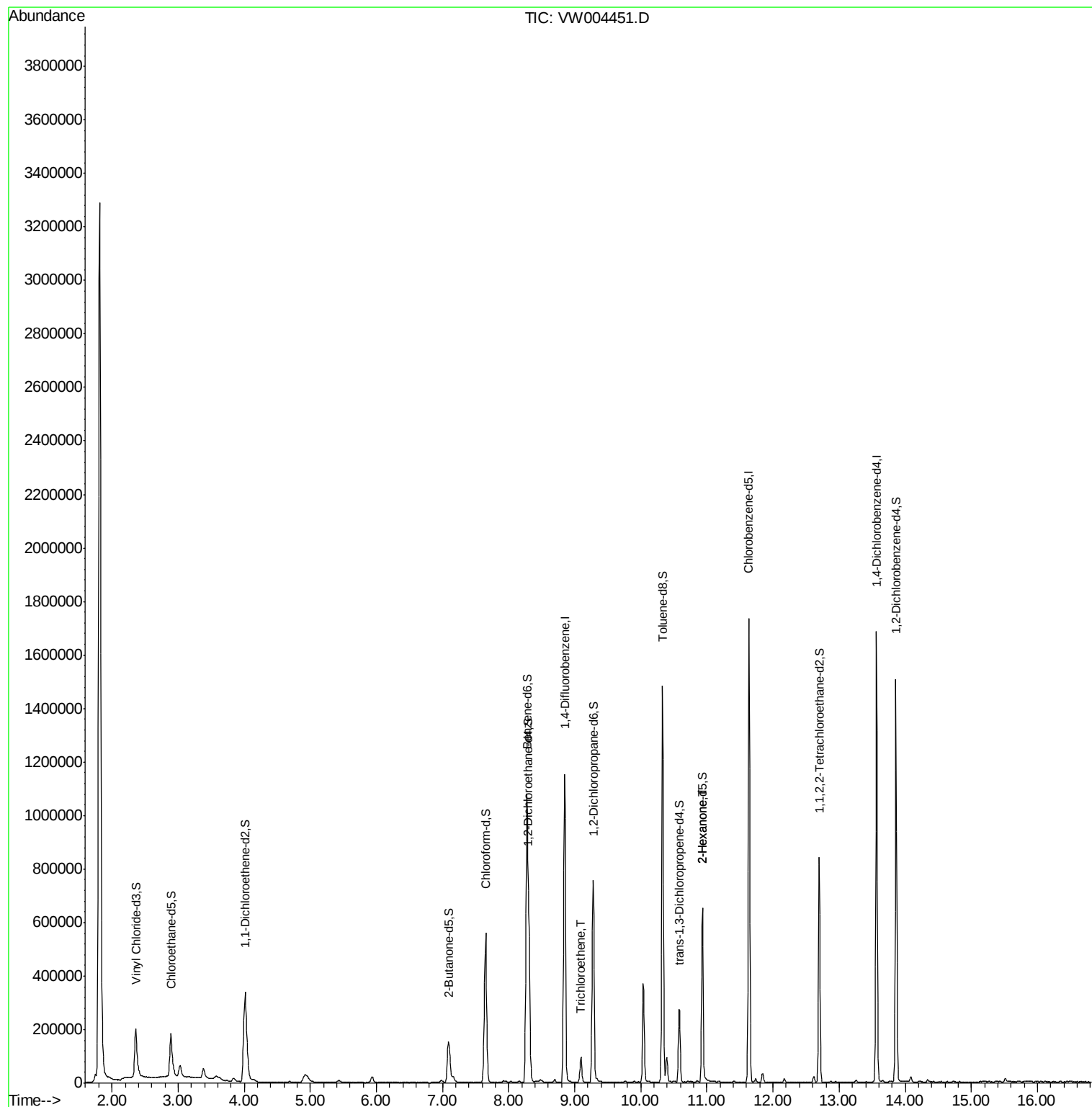
Target Compounds					Qvalue
35) Trichloroethene	9.10	95	32945	2.167 ug/L	98
49) 2-Hexanone	10.93	43	28444	3.153 ug/L #	69

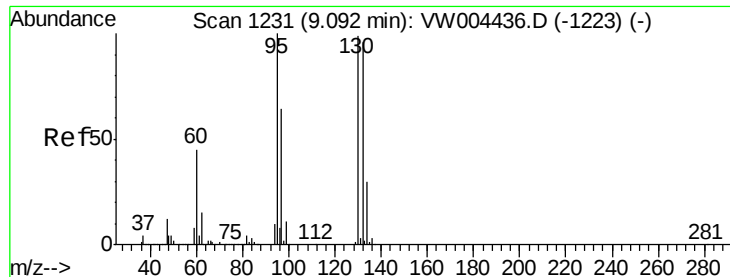
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#35

Trichloroethene

Concen: 2.167 ug/L

RT: 9.10 min Scan# 1232

Delta R.T. 0.01 min

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Instrument :

MSVOA_W

ClientSampled :

C0AE3

Tgt Ion: 95 Resp: 32945

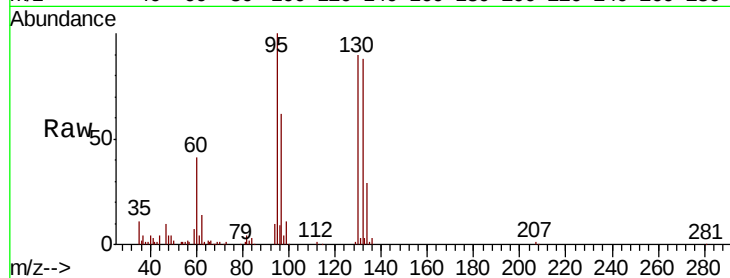
Ion Ratio Lower Upper

95 100

97 64.6 44.9 83.5

132 93.9 67.6 125.6

130 97.4 69.1 128.3



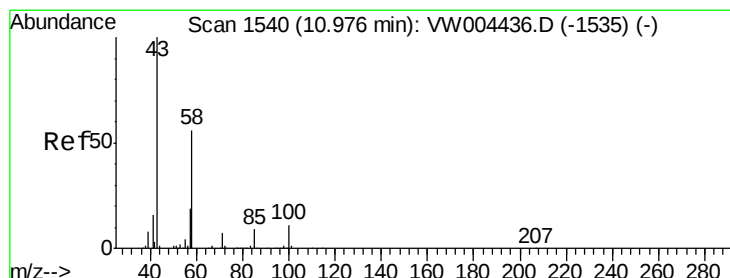
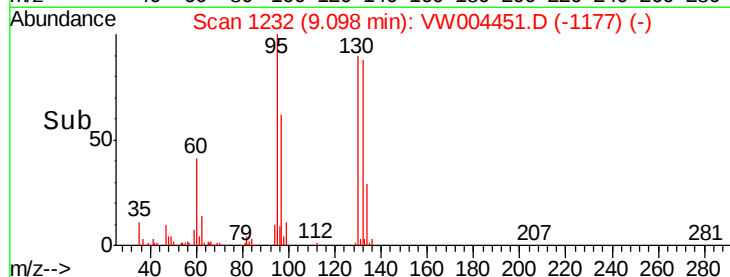
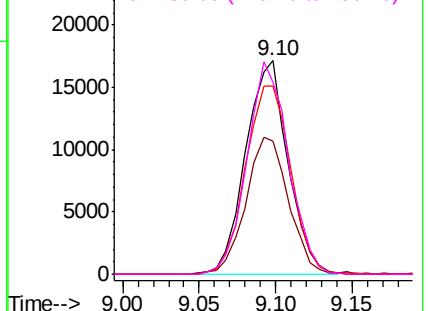
Abundance

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): V

Ion 130.00 (129.70 to 130.70): V



#49

2-Hexanone

Concen: 3.153 ug/L

RT: 10.93 min Scan# 1533

Delta R.T. -0.04 min

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Tgt Ion: 43 Resp: 28444

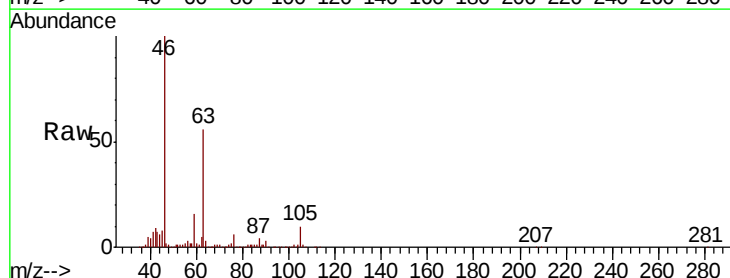
Ion Ratio Lower Upper

43 100

58 31.4 43.4 65.0#

57 36.4 15.0 22.6#

100 4.7 8.9 13.3#



Abundance

Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

Ion 57.00 (56.70 to 57.70): VW

Ion 100.00 (99.70 to 100.70): V

