

Data File : VW009304.D
Acq On : 21 Mar 2019 00:03
Operator : SY/VA
Sample : K1988-05
Misc : 6.20G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BF0B5

Quant Time: Mar 21 12:23:50 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM031419S.M
Quant Title : VOC Analysis
QLast Update : Thu Mar 21 12:20:05 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	427114	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	404722	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	189894	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	109277	21.41	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	85.64%
7) Chloroethane-d5	2.90	69	104908	17.57	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	70.28%
10) 1,1-Dichloroethene-d2	4.01	63	169619	15.38	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	61.52%
20) 2-Butanone-d5	7.07	46	64238	30.43	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	60.86%
24) Chloroform-d	7.64	84	242927	20.84	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	83.36%
26) 1,2-Dichloroethane-d4	8.31	65	138689	19.75	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	79.00%
29) Benzene-d6	8.27	84	449077	20.12	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	80.48%
33) 1,2-Dichloropropane-d6	9.27	67	135998	20.29	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	81.16%
37) Toluene-d8	10.32	98	402388	19.50	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	78.00%
38) trans-1,3-Dichloropropene-	10.58	79	56785	16.87	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	67.48%
39) 2-Hexanone-d5	10.93	63	46494	28.64	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	57.28%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	113396	17.18	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	68.72%
61) 1,2-Dichlorobenzene-d4	13.86	152	155610	21.37	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	85.48%

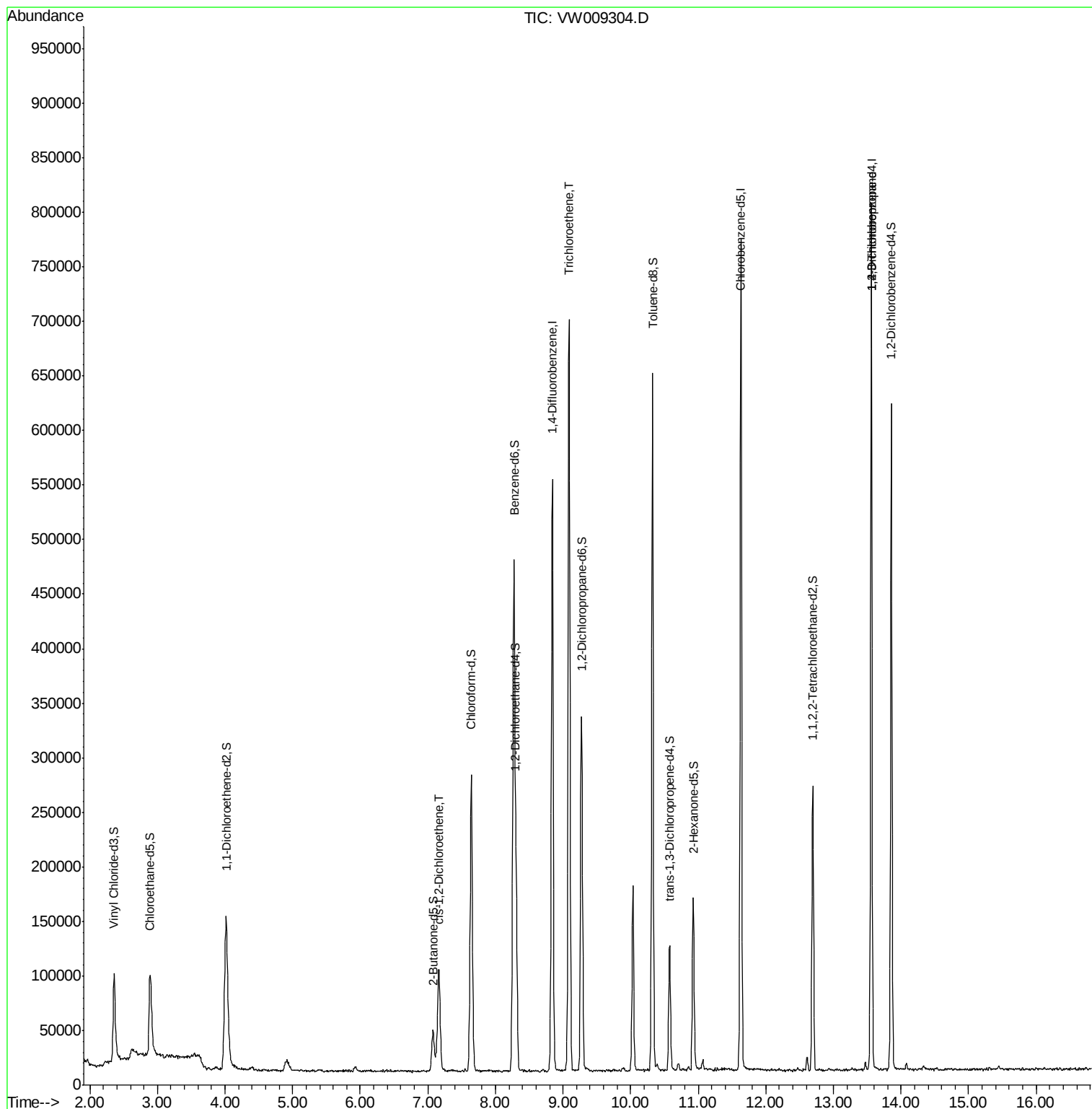
Target Compounds						Qvalue
22) cis-1,2-Dichloroethene	7.16	96	47499	7.929	ug/L	94
35) Trichloroethene	9.09	95	220705	37.390	ug/L	99
59) 1,2,3-Trichloropropane	13.56	75	24943	5.494	ug/L	93

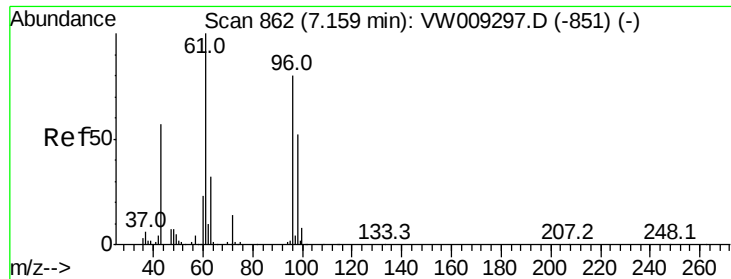
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#22

cis-1,2-Dichloroethene

Concen: 7.929 ug/L

RT: 7.16 min Scan# 862

Delta R.T. 0.00 min

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ClientSampleId :

BFOB5

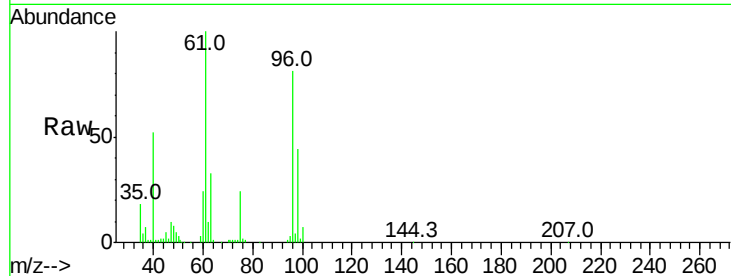
Tgt Ion: 96 Resp: 47499

Ion Ratio Lower Upper

96 100

61 124.0 90.6 168.3

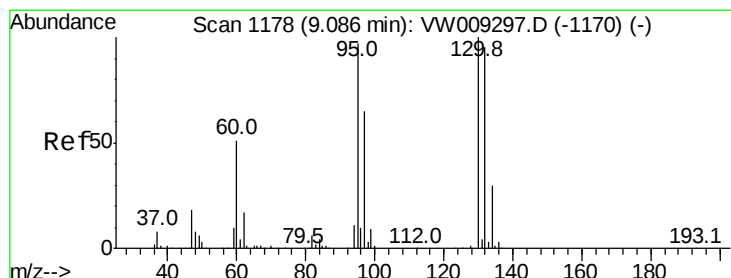
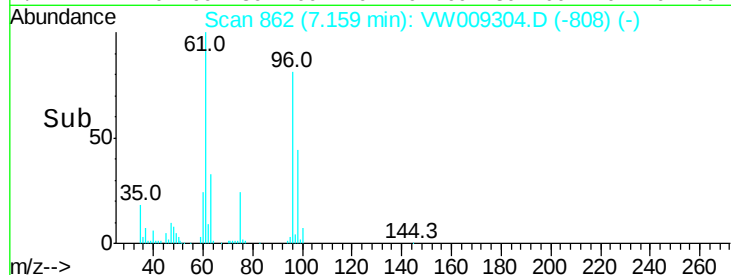
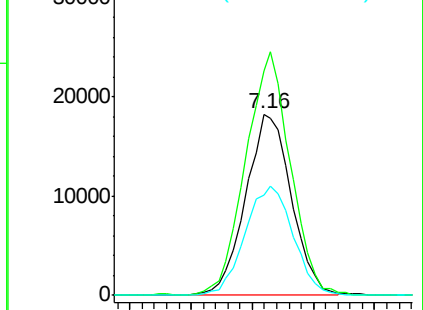
98 55.2 44.0 81.8



Abundance Ion 96.00 (95.70 to 96.70): VW

Ion 61.00 (60.70 to 61.70): VW

Ion 98.00 (97.70 to 98.70): VW



#35

Trichloroethene

Concen: 37.390 ug/L

RT: 9.09 min Scan# 1179

Delta R.T. 0.00 min

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Tgt Ion: 95 Resp: 220705

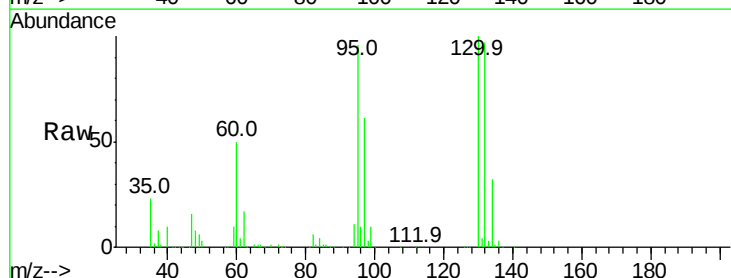
Ion Ratio Lower Upper

95 100

97 64.4 44.7 82.9

132 98.2 69.0 128.2

130 101.7 72.7 134.9

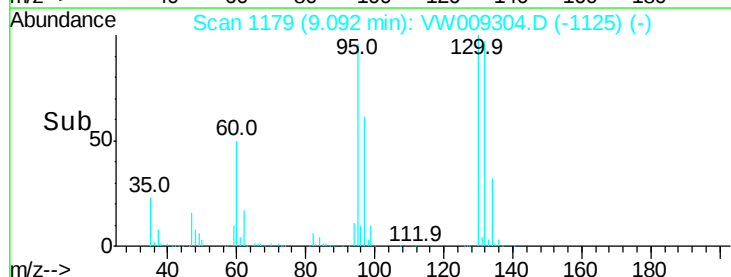
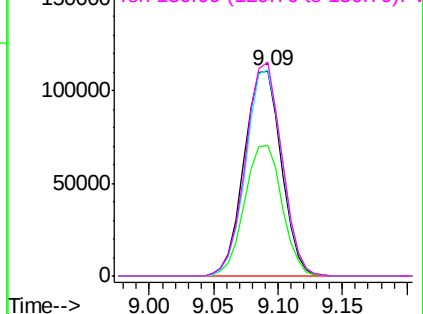


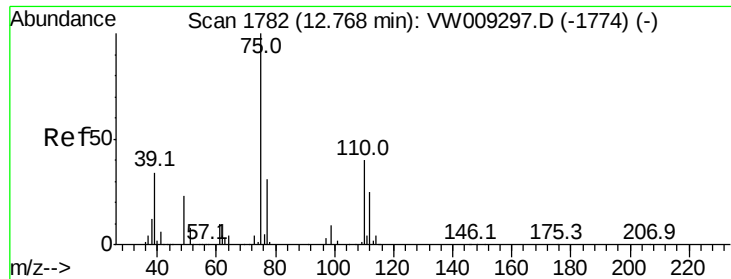
Abundance Ion 95.00 (94.70 to 95.70): VW

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





#59

1,2,3-Trichloropropane

Concen: 5.494 ug/L

RT: 13.56 min Scan# 1912

Delta R.T. 0.79 min

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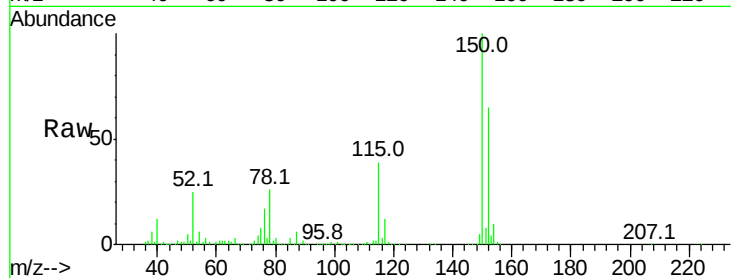
BF0B5

Tgt Ion: 75 Resp: 24943

Ion Ratio Lower Upper

75 100

77 36.5 26.2 39.2



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW

