

Data File : VW013933.D
Acq On : 07 Nov 2019 16:12
Operator : SY/VA
Sample : K5698-11
Misc : 7.30G/10ML/MSVOA_W/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
H0AC7

Quant Time: Nov 08 00:52:20 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM110119S.M
Quant Title : VOC Analysis
QLast Update : Fri Nov 08 00:49:30 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	333502	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	295687	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	147065	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	117287	22.60	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	90.40%
7) Chloroethane-d5	2.89	69	96695	23.32	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	93.28%
10) 1,1-Dichloroethene-d2	4.01	63	184271	17.43	ug/L	-0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	69.72%
20) 2-Butanone-d5	7.07	46	33892	18.15	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	36.30%
24) Chloroform-d	7.65	84	223410	21.26	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	85.04%
26) 1,2-Dichloroethane-d4	8.31	65	92326	16.33	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	65.32%#
29) Benzene-d6	8.27	84	492490	24.86	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	99.44%
33) 1,2-Dichloropropane-d6	9.27	67	132831	22.15	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	88.60%
37) Toluene-d8	10.32	98	462912	24.64	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	98.56%
38) trans-1,3-Dichloropropene-	10.57	79	45291	16.54	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	66.16%
39) 2-Hexanone-d5	10.93	63	27579	20.25	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	40.50%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	69037	13.02	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	52.08%
61) 1,2-Dichlorobenzene-d4	13.85	152	127560	21.92	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	87.68%

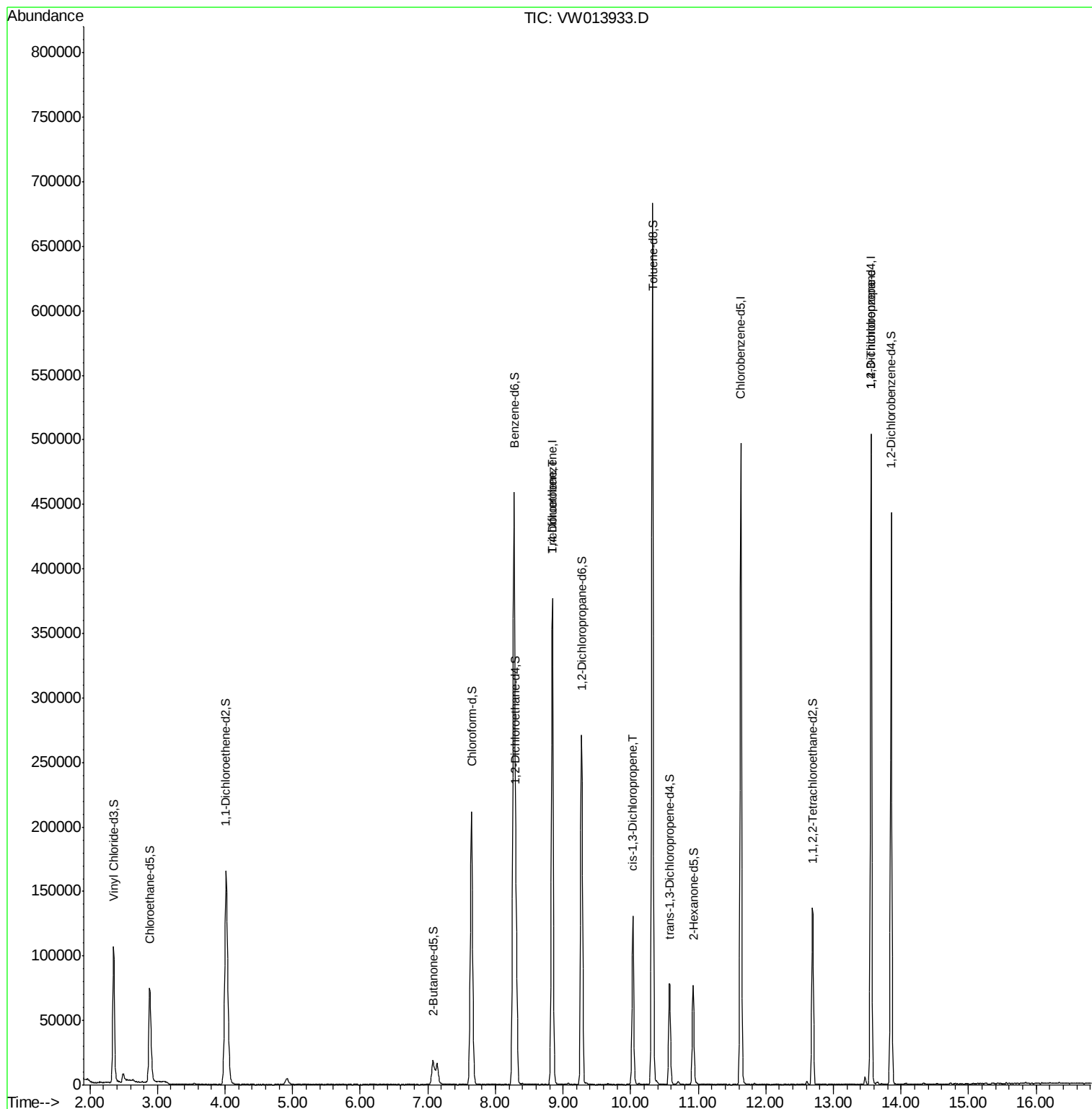
Target Compounds					Qvalue
35) Trichloroethene	8.84	95	9380	1.658 ug/L #	2
42) cis-1,3-Dichloropropene	10.04	75	2935	0.353 ug/L #	61
59) 1,2,3-Trichloropropane	13.55	75	14214	3.573 ug/L	91

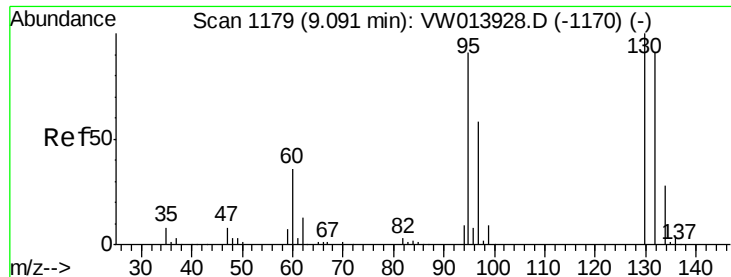
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#35

Trichloroethene

Concen: 1.658 ug/L

RT: 8.84 min Scan# 1138

Delta R.T. -0.25 min

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ClientSampleId :

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Tgt Ion: 95 Resp: 9380

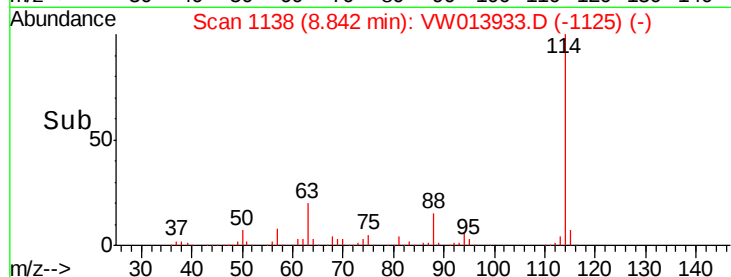
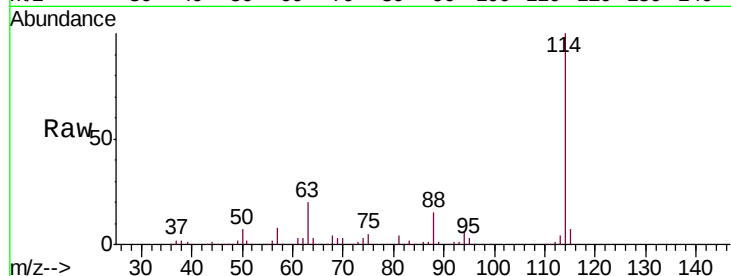
Ion Ratio Lower Upper

95 100

97 0.0 44.9 83.5#

132 0.0 73.3 136.1#

130 0.0 75.5 140.1#

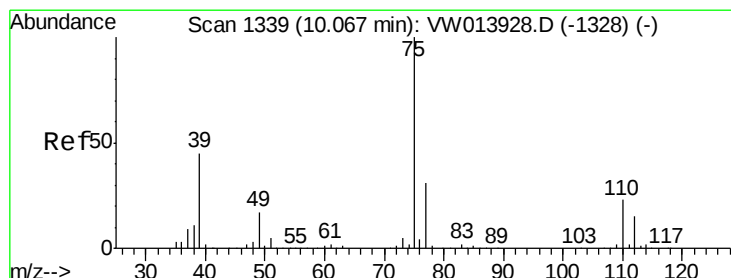
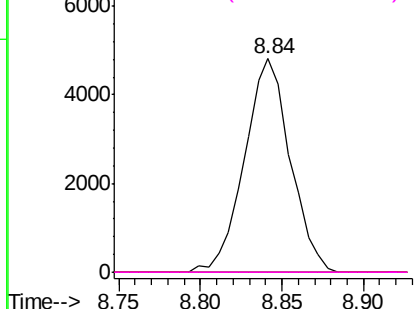


Abundance Ion 95.00 (94.70 to 95.70): VW

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



#42

cis-1,3-Dichloropropene

Concen: 0.353 ug/L

RT: 10.04 min Scan# 1334

Delta R.T. -0.03 min

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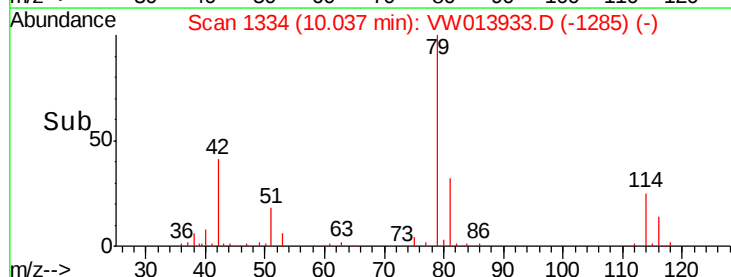
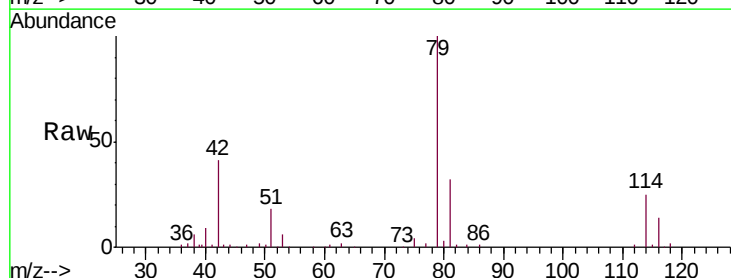
Acq: 07 Nov 2019 16:12

Tgt Ion: 75 Resp: 2935

Ion Ratio Lower Upper

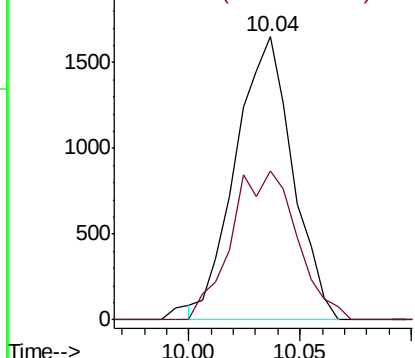
75 100

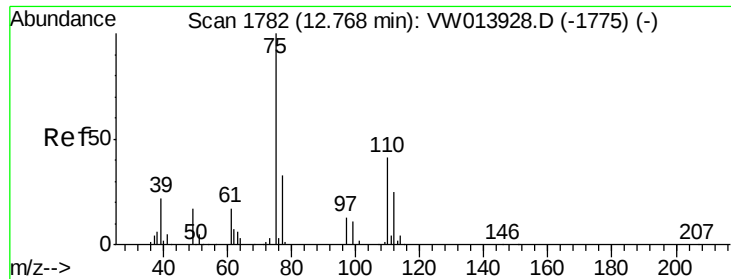
77 52.8 21.8 40.4#



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW





#59

1,2,3-Trichloropropane

Concen: 3.573 ug/L

RT: 13.55 min Scan# 1911

Delta R.T. 0.79 min

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Tgt Ion: 75 Resp: 14214

Ion Ratio Lower Upper

75 100

77 37.4 25.9 38.9

