

Data File : VW014119.D
Acq On : 25 Nov 2019 18:40
Operator : SY/VA
Sample : K6007-18
Misc : 6.09G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C0BM4

Quant Time: Nov 26 07:49:58 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM111119S.M
Quant Title : VOC Analysis
QLast Update : Tue Nov 26 07:45:45 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	322840	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	314264	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	169792	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	87240	16.94	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	67.76%
7) Chloroethane-d5	2.89	69	84627	20.27	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	81.08%
10) 1,1-Dichloroethene-d2	4.02	63	148487	14.05	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	56.20%
20) 2-Butanone-d5	7.07	46	64727	43.26	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	86.52%
24) Chloroform-d	7.65	84	237069	23.88	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	95.52%
26) 1,2-Dichloroethane-d4	8.30	65	118547	23.75	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	95.00%
29) Benzene-d6	8.27	84	483505	21.68	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	86.72%
33) 1,2-Dichloropropane-d6	9.27	67	149357	22.87	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	91.48%
37) Toluene-d8	10.32	98	442539	20.93	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	83.72%
38) trans-1,3-Dichloropropene-	10.58	79	56232	20.10	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	80.40%
39) 2-Hexanone-d5	10.93	63	50678	40.91	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	81.82%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	112165	22.74	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	90.96%
61) 1,2-Dichlorobenzene-d4	13.85	152	157041	23.02	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	92.08%

Target Compounds

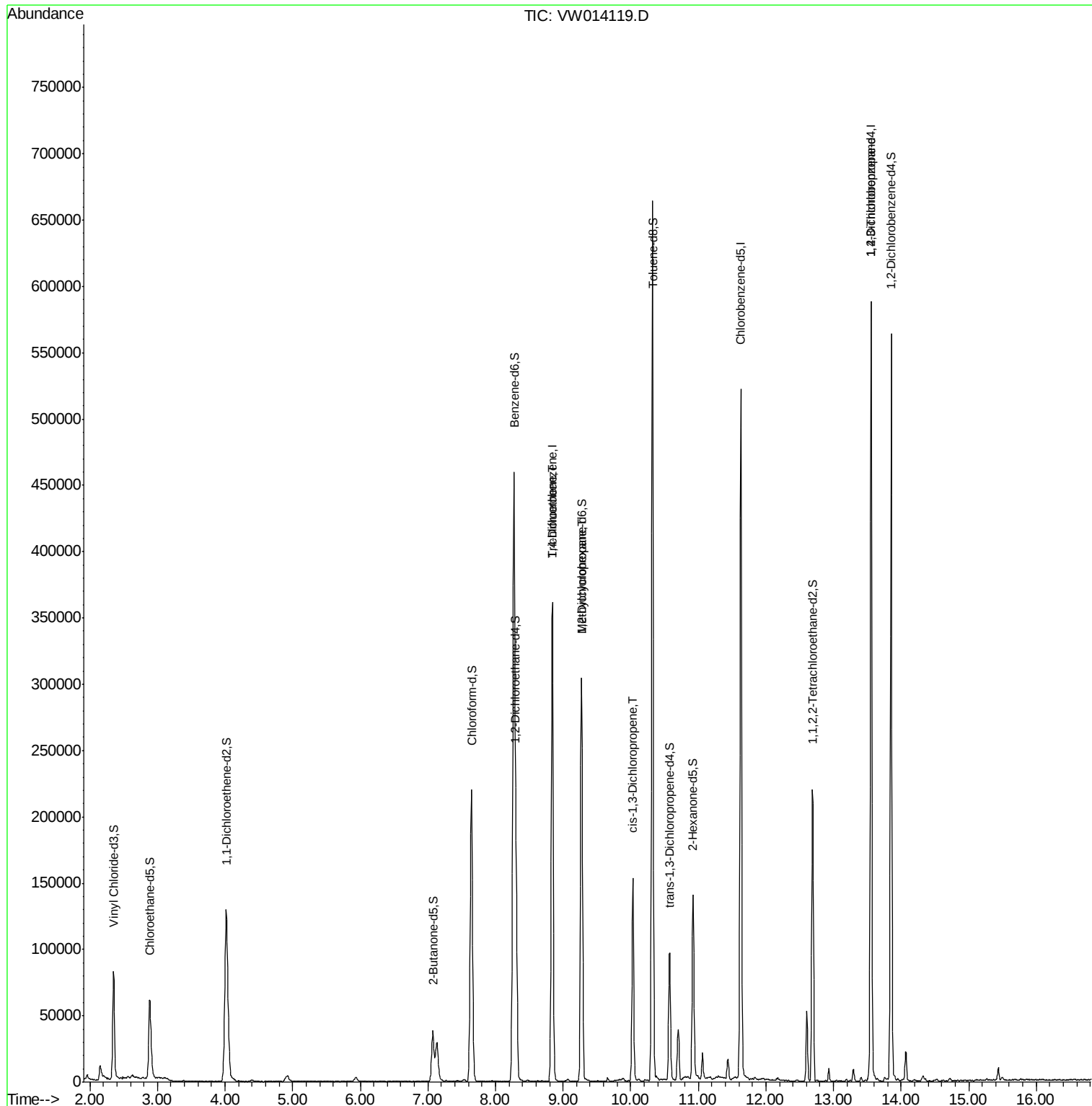
					Qvalue
35) Trichloroethene	8.84	95	9403	1.529 ug/L #	2
36) Methylcyclohexane	9.27	83	35974	3.263 ug/L #	20
42) cis-1,3-Dichloropropene	10.04	75	3495	0.399 ug/L #	50
59) 1,2,3-Trichloropropane	13.55	75	17024	4.755 ug/L	92

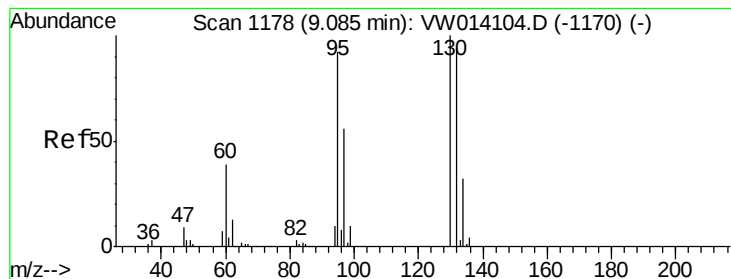
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#35

Trichloroethene

Concen: 1.529 ug/L

RT: 8.84 min Scan# 1138

Delta R.T. -0.24 min

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Instrument :

MSVOA_W

ClientSampled :

C0BM4

Tgt Ion: 95 Resp: 9403

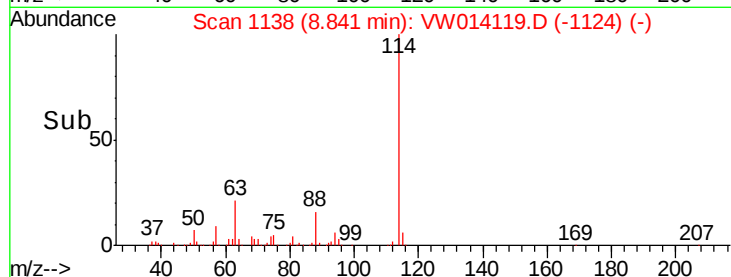
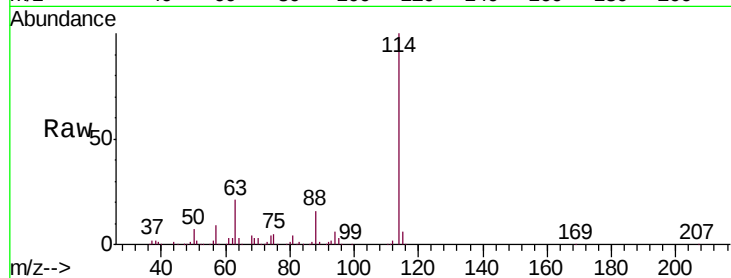
Ion Ratio Lower Upper

95 100

97 0.0 45.1 83.9#

132 0.0 73.7 136.9#

130 0.0 76.6 142.2#

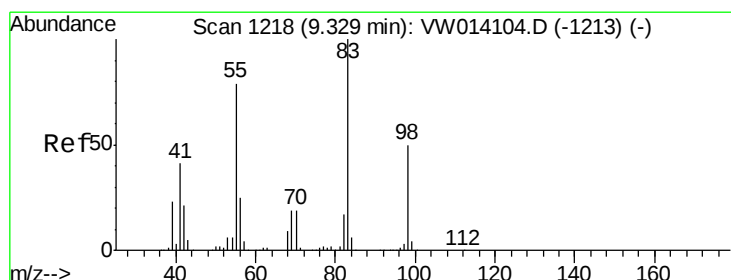
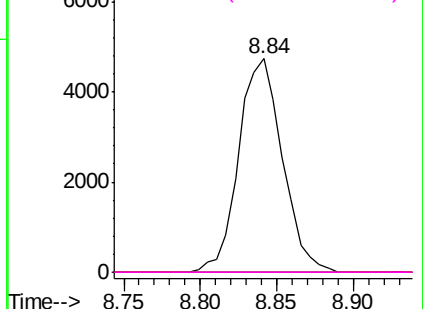


Abundance Ion 95.00 (94.70 to 95.70): VW

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



#36

Methylcyclohexane

Concen: 3.263 ug/L

RT: 9.27 min Scan# 1209

Delta R.T. -0.06 min

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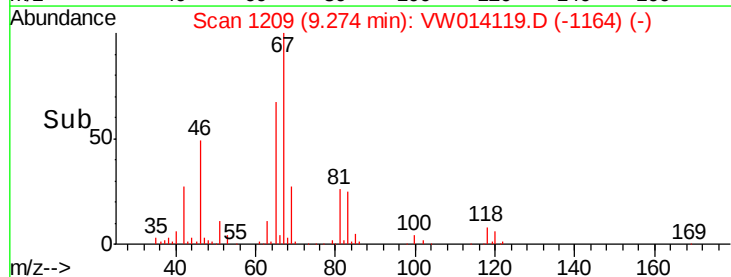
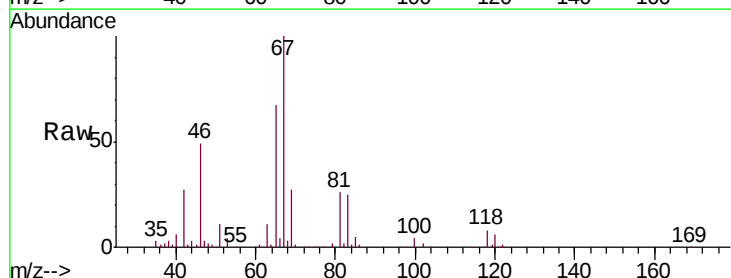
Tgt Ion: 83 Resp: 35974

Ion Ratio Lower Upper

83 100

55 0.6 59.8 89.8#

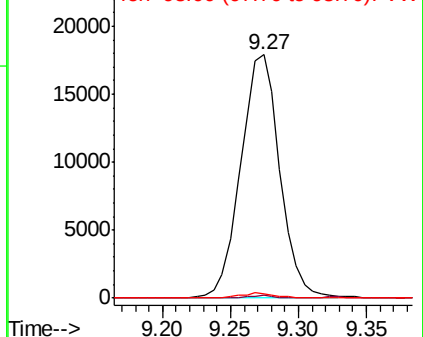
98 1.8 39.5 59.3#

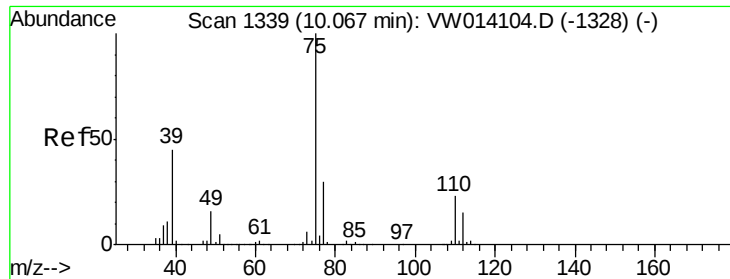


Abundance Ion 83.00 (82.70 to 83.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 98.00 (97.70 to 98.70): VW





#42

cis-1,3-Dichloropropene

Concen: 0.399 ug/L

RT: 10.04 min Scan# 1334

Delta R.T. -0.03 min

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Instrument :

MSVOA_W

ClientSampled :

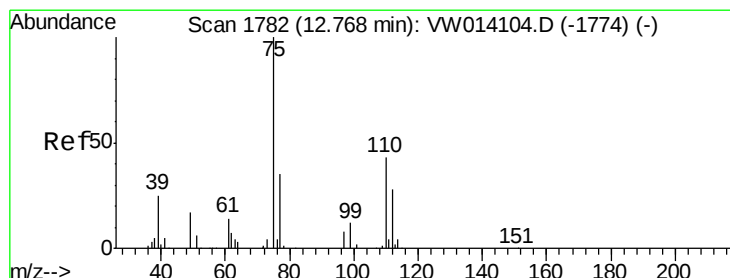
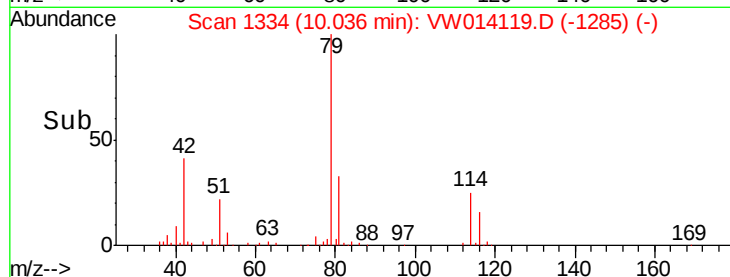
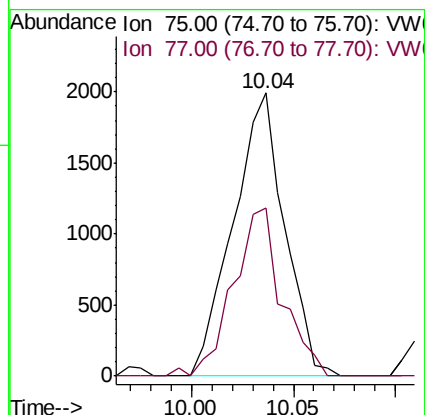
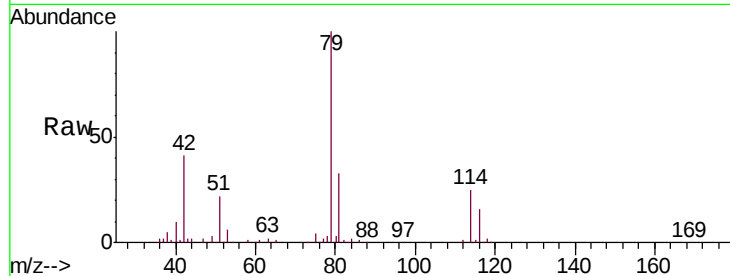
C0BM4

Tgt Ion: 75 Resp: 3495

Ion Ratio Lower Upper

75 100

77 59.4 22.1 41.1#



#59

1,2,3-Trichloropropane

Concen: 4.755 ug/L

RT: 13.55 min Scan# 1911

Delta R.T. 0.79 min

Lab File: VW014119.D

Acq: 25 Nov 2019 18:40

Tgt Ion: 75 Resp: 17024

Ion Ratio Lower Upper

75 100

77 37.0 25.9 38.9

