

Data File : VW011134.D
Acq On : 03 Jul 2019 10:32
Operator : SY/VA
Sample : VW0703SBL01
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VBLK02

Quant Time: Jul 03 23:20:19 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM070219S.M
Quant Title : VOC Analysis
QLast Update : Wed Jul 03 23:17:38 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	314059	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	286642	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	133738	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	118529	24.72	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	98.88%
7) Chloroethane-d5	2.89	69	78544	23.34	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	93.36%
10) 1,1-Dichloroethene-d2	4.01	63	184718	18.19	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	72.76%
20) 2-Butanone-d5	7.07	46	101748	53.86	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	107.72%
24) Chloroform-d	7.65	84	197401	22.93	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	91.72%
26) 1,2-Dichloroethane-d4	8.31	65	130114	24.54	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	98.16%
29) Benzene-d6	8.27	84	418760	23.71	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	94.84%
33) 1,2-Dichloropropane-d6	9.27	67	135171	23.51	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	94.04%
37) Toluene-d8	10.32	98	369936	23.51	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	94.04%
38) trans-1,3-Dichloropropene-	10.58	79	53458	21.86	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	87.44%
39) 2-Hexanone-d5	10.93	63	69189	52.47	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	104.94%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	120075	25.24	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	100.96%
61) 1,2-Dichlorobenzene-d4	13.85	152	123314	24.02	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	96.08%

Target Compounds

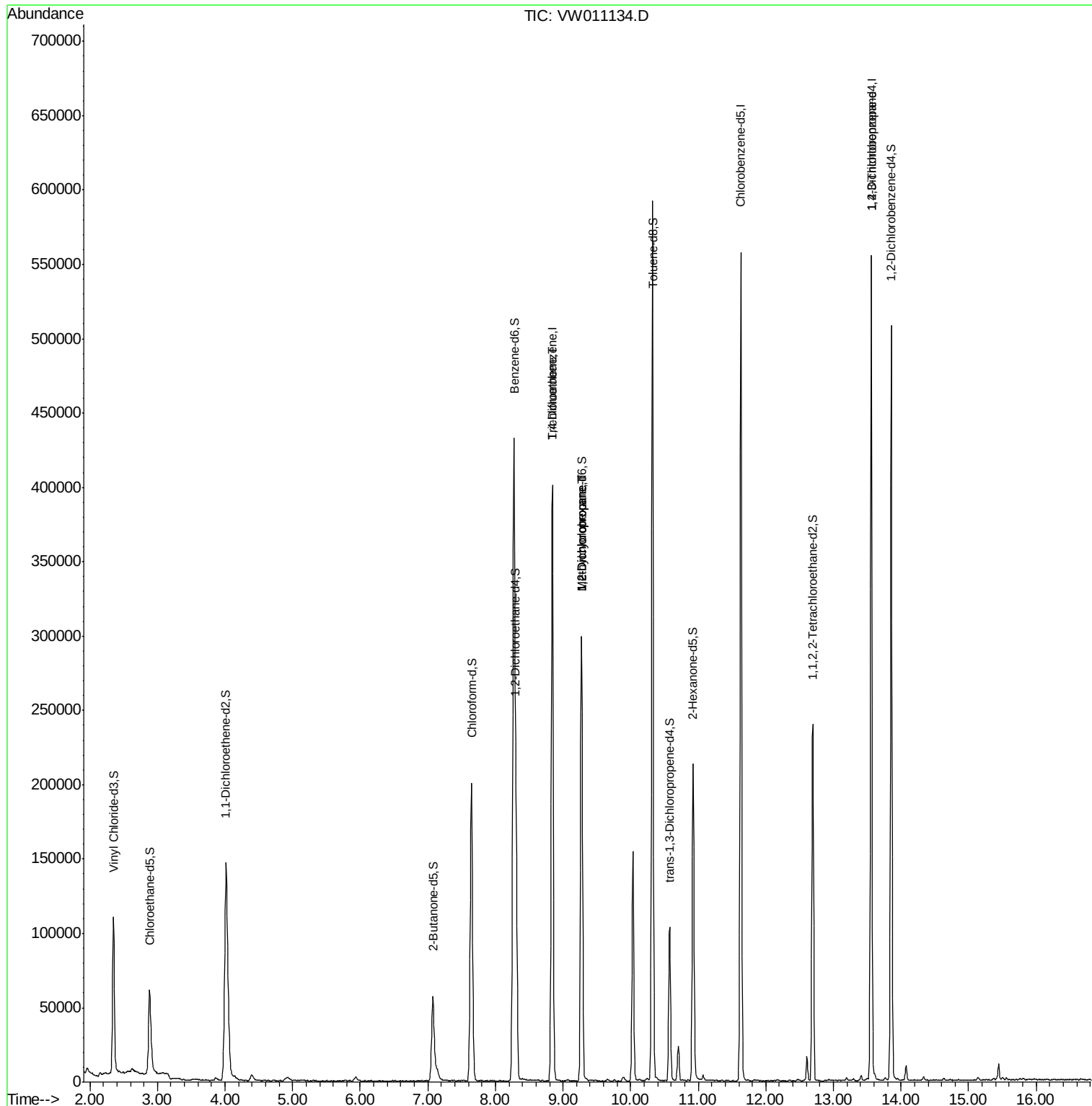
					Qvalue
35) Trichloroethene	8.84	95	9809	2.170 ug/L #	6
36) Methylcyclohexane	9.27	83	31040	3.815 ug/L #	14
40) 1,2-Dichloropropane	9.27	63	15144	3.085 ug/L #	88
59) 1,2,3-Trichloropropane	13.55	75	18783	5.408 ug/L	92

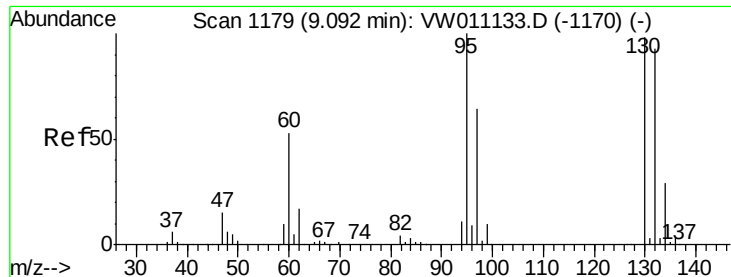
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#35

Trichloroethene

Concen: 2.170 ug/L

RT: 8.84 min Scan# 1138

Delta R.T. -0.25 min

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Instrument :

MSVOA_W

ClientSampleId :

VBLK02

Tgt Ion: 95 Resp: 9809

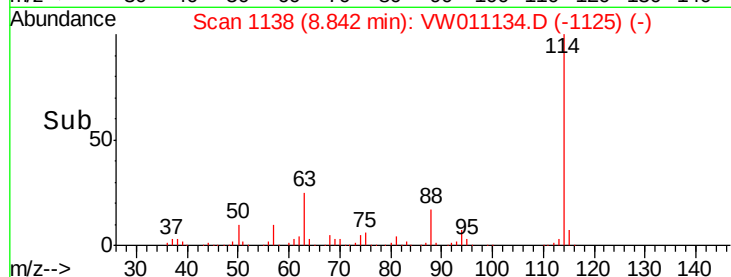
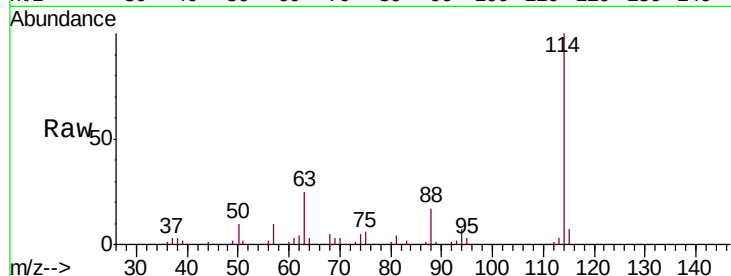
Ion Ratio Lower Upper

95 100

97 0.0 45.4 84.2#

132 0.0 65.0 120.8#

130 0.0 67.8 126.0#

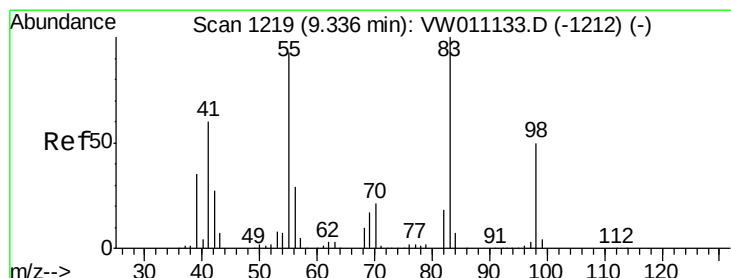
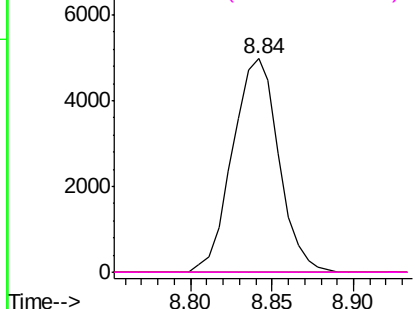


Abundance Ion 95.00 (94.70 to 95.70): VW

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: 3.815 ug/L

RT: 9.27 min Scan# 1209

Delta R.T. -0.06 min

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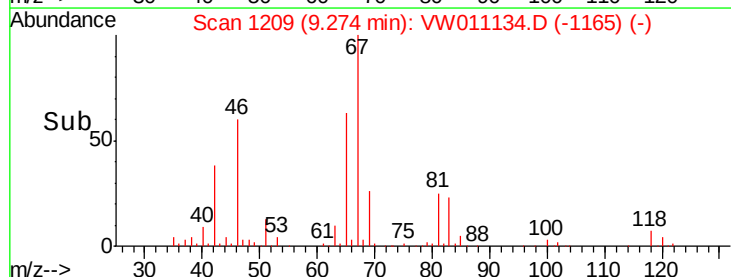
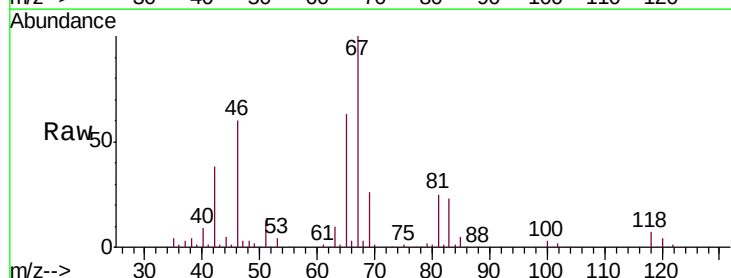
Tgt Ion: 83 Resp: 31040

Ion Ratio Lower Upper

83 100

55 1.0 72.2 108.4#

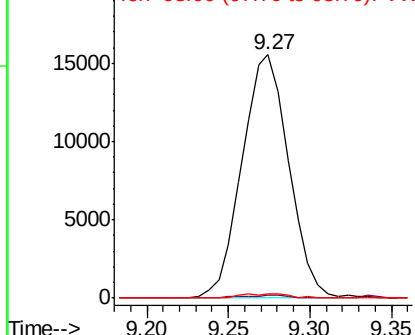
98 1.0 38.2 57.4#

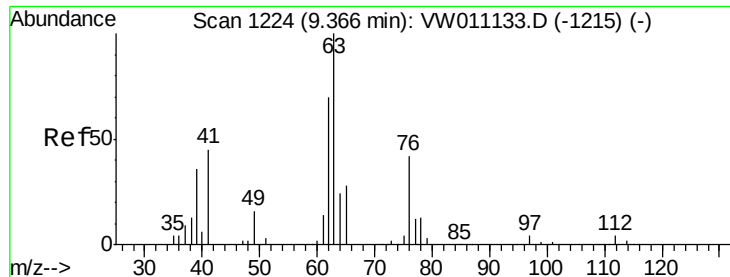


Abundance Ion 83.00 (82.70 to 83.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 98.00 (97.70 to 98.70): VW





#40

1,2-Dichloropropane

Concen: 3.085 ug/L

RT: 9.27 min Scan# 1209

Delta R.T. -0.09 min

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Instrument :

MSVOA_W

ClientSampled :

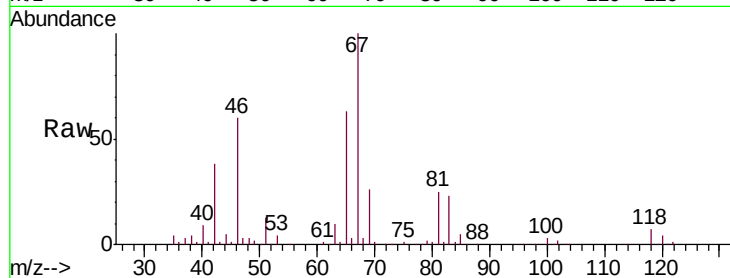
VBLK02

Tgt Ion: 63 Resp: 15144

Ion Ratio Lower Upper

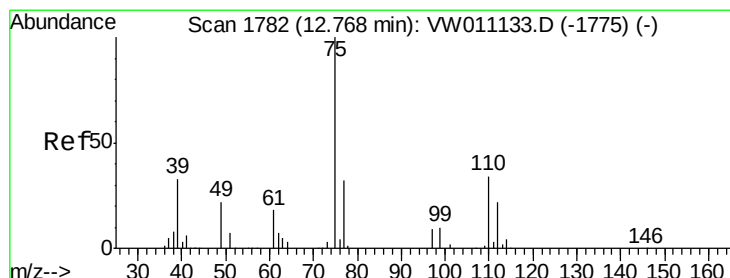
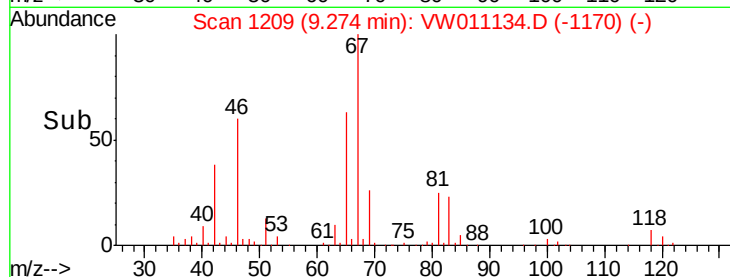
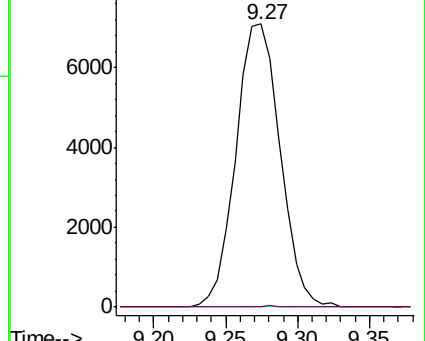
63 100

112 0.0 3.0 4.6#



Abundance Ion 63.00 (62.70 to 63.70): VW

Ion 112.00 (111.70 to 112.70): VW



#59

1,2,3-Trichloropropane

Concen: 5.408 ug/L

RT: 13.55 min Scan# 1911

Delta R.T. 0.79 min

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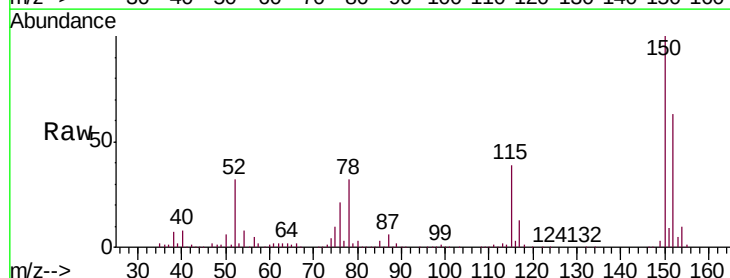
Acq: 03 Jul 2019 10:32

Tgt Ion: 75 Resp: 18783

Ion Ratio Lower Upper

75 100

77 36.3 25.4 38.0



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW

