

Data File : VW007446.D
Acq On : 12 Dec 2018 16:44
Operator : SY/AP
Sample : J6271-21
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VHBLK01

Quant Time: Dec 13 00:44:36 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM120718S.M
Quant Title : VOC Analysis
QLast Update : Thu Dec 13 00:38:14 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	128097	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	118297	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	57803	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	19277	23.10	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	92.40%
7) Chloroethane-d5	2.89	69	14564	20.61	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	82.44%
10) 1,1-Dichloroethene-d2	4.01	63	50442	17.53	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	70.12%
20) 2-Butanone-d5	7.07	46	19804	37.66	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	75.32%
24) Chloroform-d	7.65	84	70232	23.24	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	92.96%
26) 1,2-Dichloroethane-d4	8.31	65	41237	23.98	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	95.92%
29) Benzene-d6	8.27	84	135951	21.16	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	84.64%
33) 1,2-Dichloropropane-d6	9.27	67	38059	20.76	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	83.04%
37) Toluene-d8	10.32	98	131760	21.87	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	87.48%
38) trans-1,3-Dichloropropene-	10.58	79	19400	20.70	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	82.80%
39) 2-Hexanone-d5	10.93	63	16514	37.42	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	74.84%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	35611	21.32	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	85.28%
61) 1,2-Dichlorobenzene-d4	13.86	152	49666	24.42	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	97.68%

Target Compounds

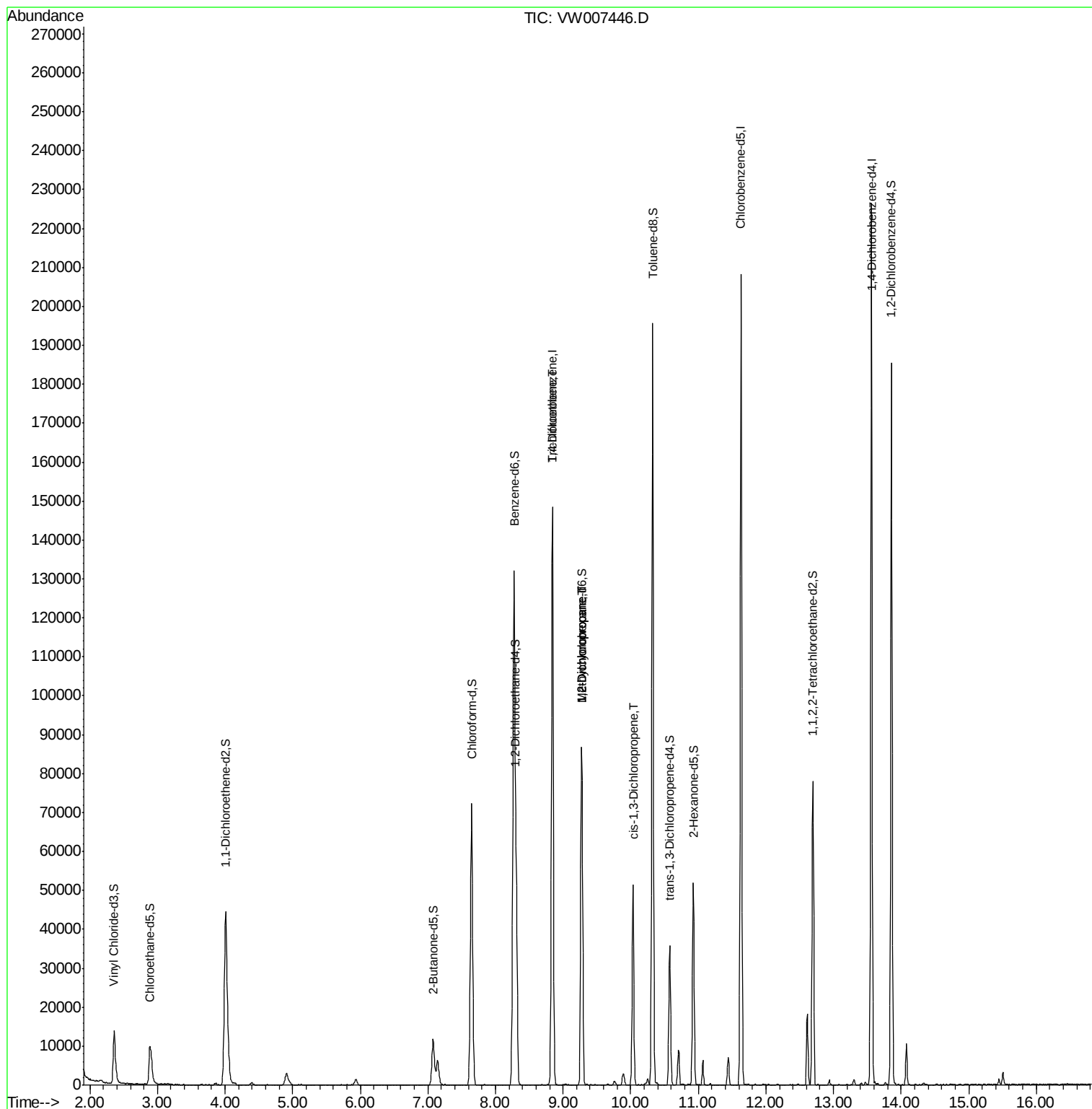
					Qvalue
35) Trichloroethene	8.84	95	3908	2.010 ug/L #	4
36) Methylcyclohexane	9.27	83	10414	3.103 ug/L #	20
40) 1,2-Dichloropropane	9.27	63	4737	2.856 ug/L #	86
42) cis-1,3-Dichloropropene	10.04	75	1432	0.514 ug/L	84

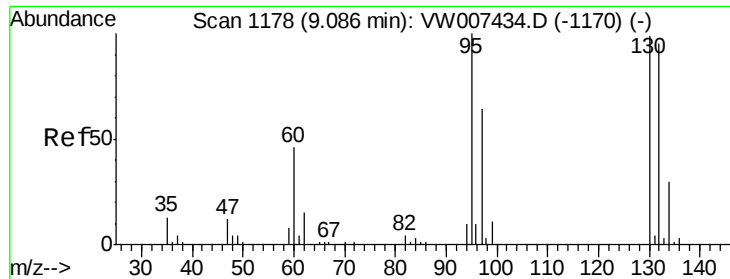
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#35

Trichloroethene

Concen: 2.010 ug/L

RT: 8.84 min Scan# 1138

Delta R.T. -0.24 min

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Instrument :

MSVOA_W

ClientSampleId :

VHBLK01

Tgt Ion: 95 Resp: 3908

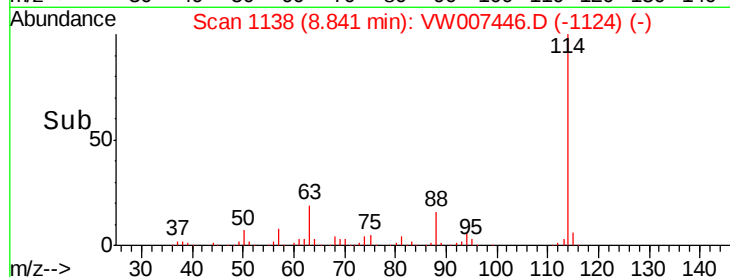
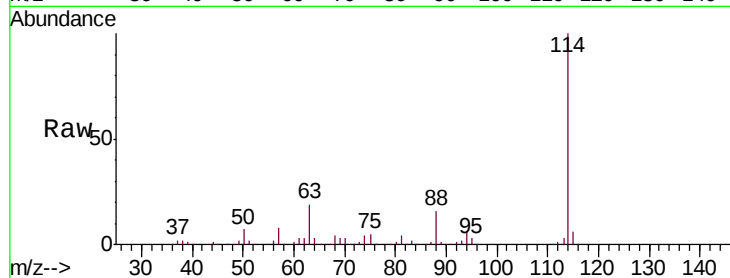
Ion Ratio Lower Upper

95 100

97 0.0 45.8 85.0#

132 0.0 68.0 126.4#

130 0.0 71.6 133.0#

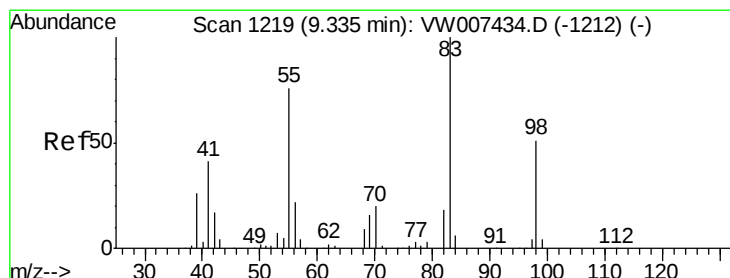
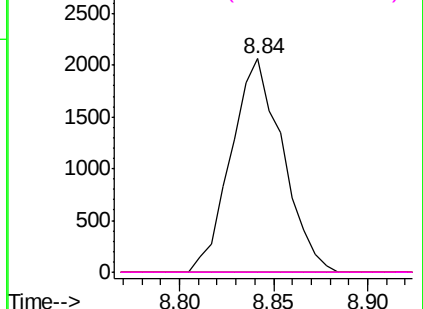


Abundance Ion 95.00 (94.70 to 95.70): VW

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: 3.103 ug/L

RT: 9.27 min Scan# 1209

Delta R.T. -0.06 min

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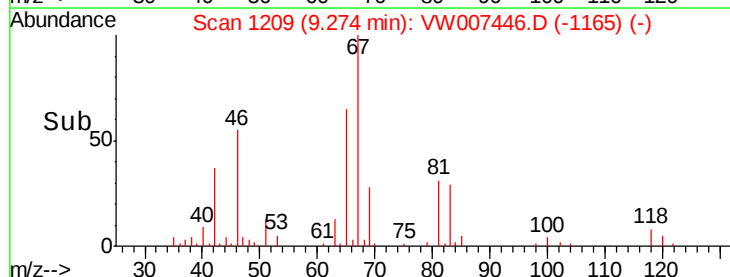
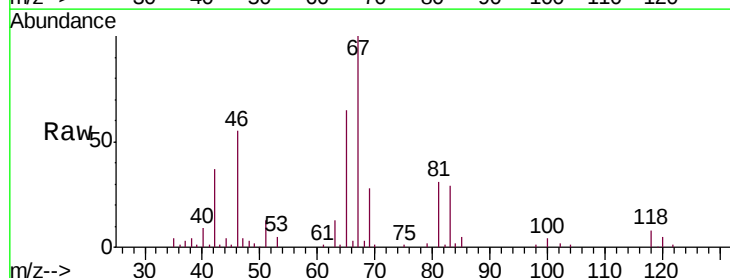
Tgt Ion: 83 Resp: 10414

Ion Ratio Lower Upper

83 100

55 0.0 59.4 89.2#

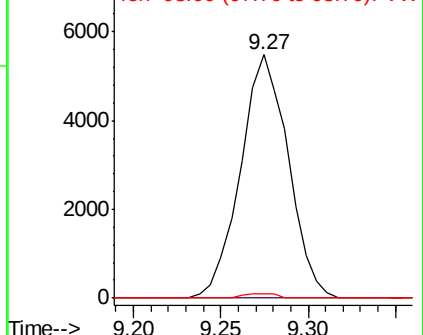
98 1.2 38.1 57.1#

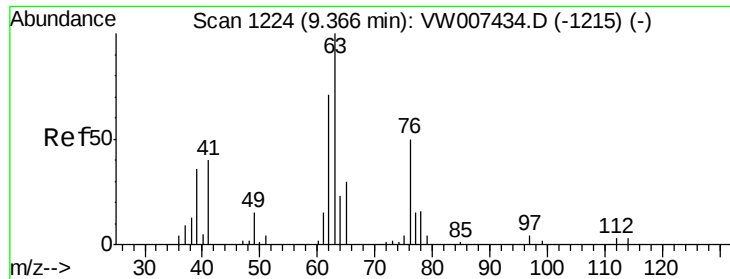


Abundance Ion 83.00 (82.70 to 83.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 98.00 (97.70 to 98.70): VW

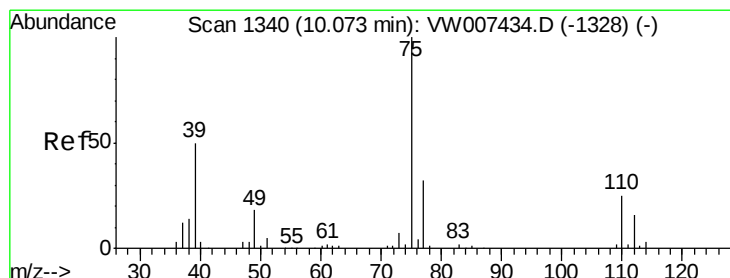
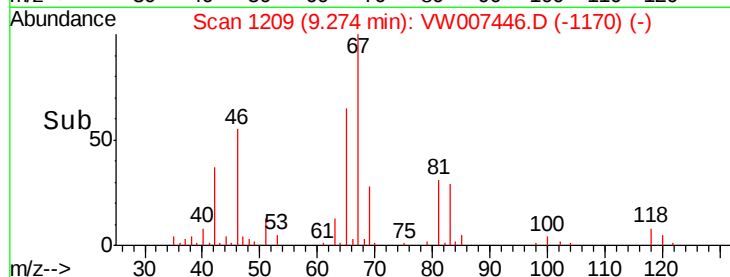
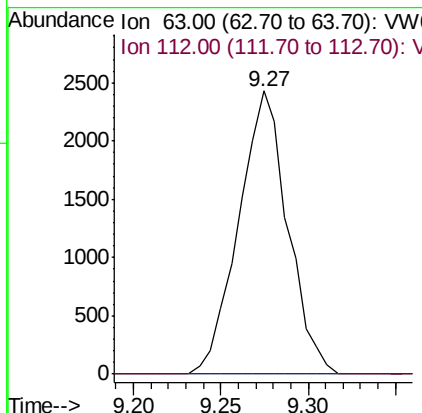
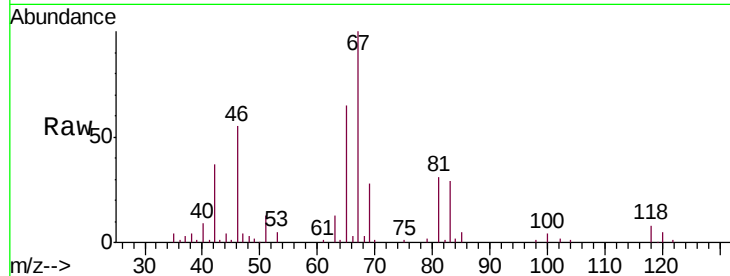




#40
 1,2-Dichloropropane
 Concen: 2.856 ug/L
 RT: 9.27 min Scan# 1209
 Delta R.T. -0.09 min
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Instrument :
 MSVOA_W
 ClientSampled :
 VHBLK01

Tgt Ion: 63 Resp: 4737
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.6 5.4#



#42
 cis-1,3-Dichloropropene
 Concen: 0.514 ug/L
 RT: 10.04 min Scan# 1334
 Delta R.T. -0.04 min
 Lab File: VW007446.D
 Acq: 12 Dec 2018 16:44

Tgt Ion: 75 Resp: 1432
 Ion Ratio Lower Upper
 75 100
 77 41.6 23.0 42.6

