

Data File : VW007445.D
Acq On : 12 Dec 2018 16:18
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 00:44:29 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	111208	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	101143	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	49543	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	19285	26.62	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	106.48%
7) Chloroethane-d5	2.89	69	14101	22.99	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	91.96%
10) 1,1-Dichloroethene-d2	4.01	63	50506	20.22	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	80.88%
20) 2-Butanone-d5	7.08	46	25491	55.83	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	111.66%
24) Chloroform-d	7.65	84	67991	25.92	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	103.68%
26) 1,2-Dichloroethane-d4	8.31	65	40717	27.27	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	109.08%
29) Benzene-d6	8.27	84	134328	24.45	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	97.80%
33) 1,2-Dichloropropane-d6	9.27	67	36825	23.49	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	93.96%
37) Toluene-d8	10.32	98	127529	24.76	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	99.04%
38) trans-1,3-Dichloropropene-	10.58	79	18847	23.52	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	94.08%
39) 2-Hexanone-d5	10.93	63	20007	53.02	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	106.04%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	39019	27.32	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	109.28%
61) 1,2-Dichlorobenzene-d4	13.86	152	47024	26.98	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	107.92%

Target Compounds

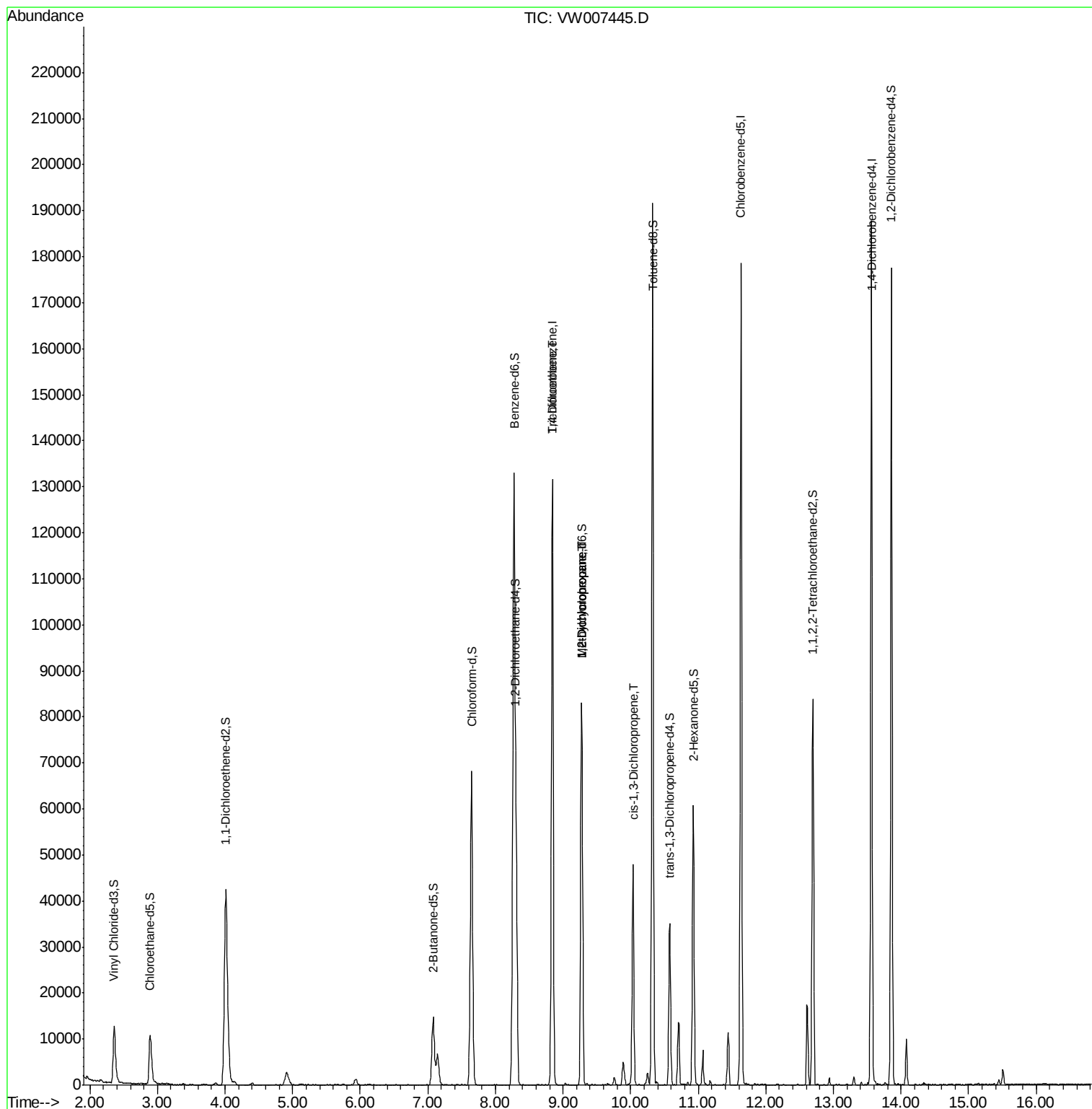
					Qvalue
35) Trichloroethene	8.85	95	3445	2.072 ug/L #	4
36) Methylcyclohexane	9.27	83	9497	3.309 ug/L #	19
40) 1,2-Dichloropropane	9.27	63	4608	3.249 ug/L #	86
42) cis-1,3-Dichloropropene	10.04	75	1387	0.582 ug/L #	47

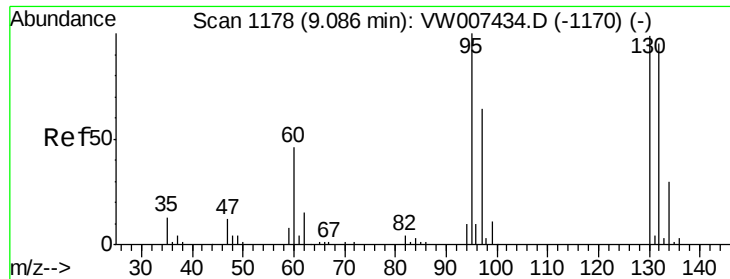
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#35

Trichloroethene

Concen: 2.072 ug/L

RT: 8.85 min Scan# 1139

Delta R.T. -0.24 min

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Instrument :

MSVOA_W

ClientSampleId :

VHBLK01

Tgt Ion: 95 Resp: 3445

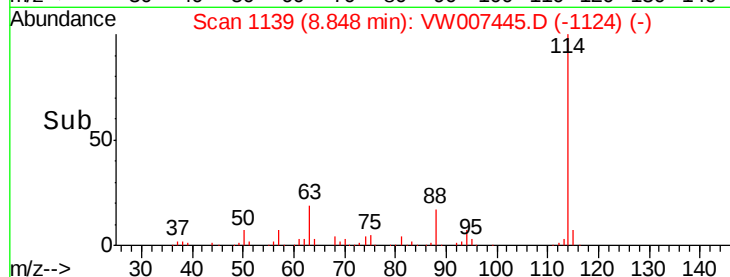
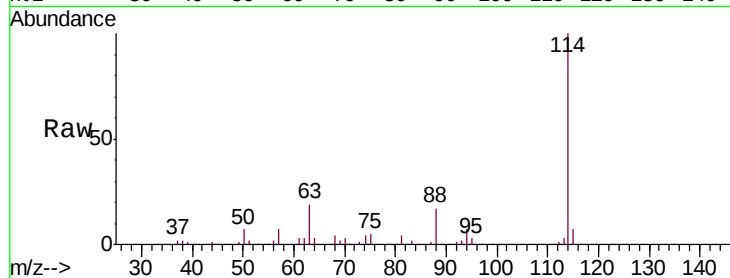
Ion Ratio Lower Upper

95 100

97 0.0 45.8 85.0#

132 0.0 68.0 126.4#

130 0.0 71.6 133.0#

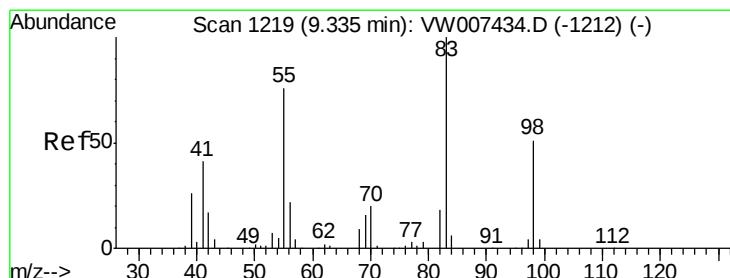
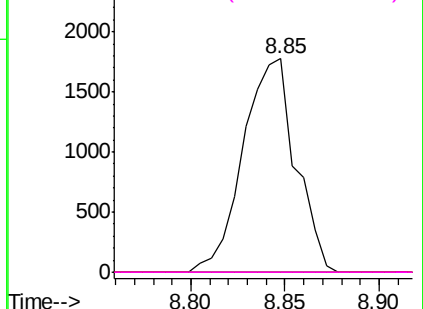


Abundance Ion 95.00 (94.70 to 95.70): VW

Ion 97.00 (96.70 to 97.70): VW

Ion 132.00 (131.70 to 132.70): V

Ion 130.00 (129.70 to 130.70): V



#36

Methylcyclohexane

Concen: 3.309 ug/L

RT: 9.27 min Scan# 1209

Delta R.T. -0.06 min

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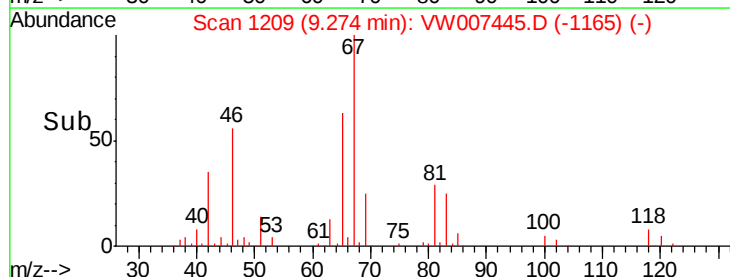
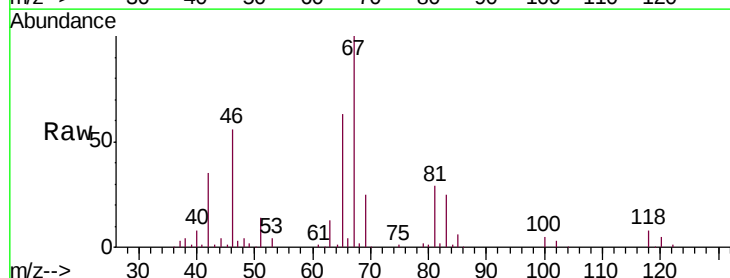
Tgt Ion: 83 Resp: 9497

Ion Ratio Lower Upper

83 100

55 0.0 59.4 89.2#

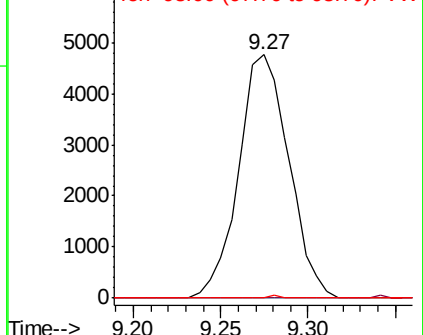
98 0.0 38.1 57.1#

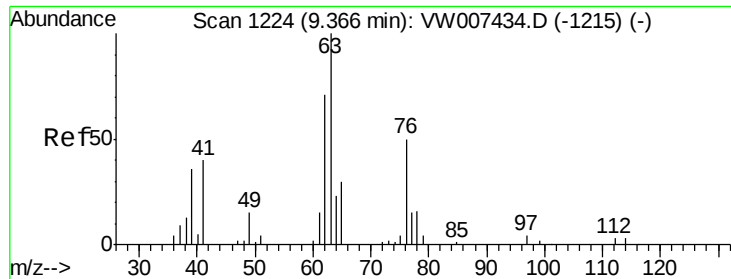


Abundance Ion 83.00 (82.70 to 83.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 98.00 (97.70 to 98.70): VW

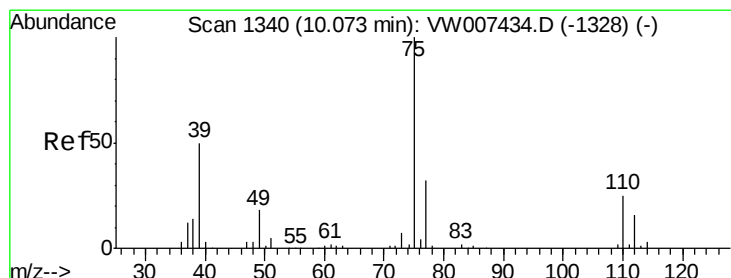
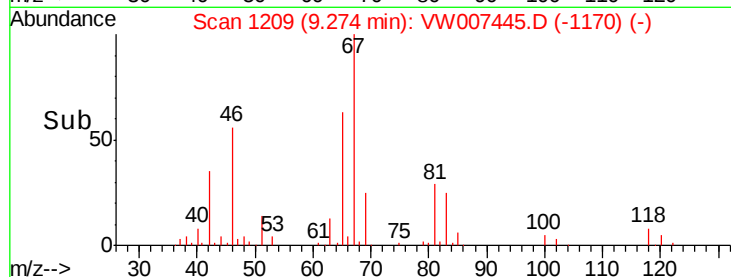
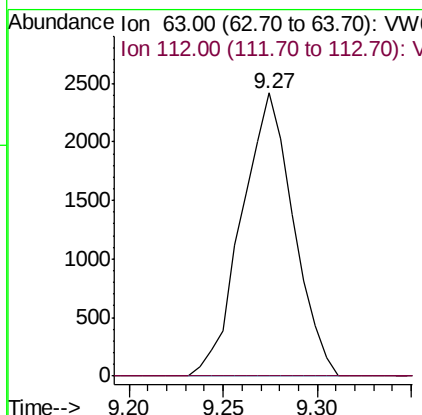
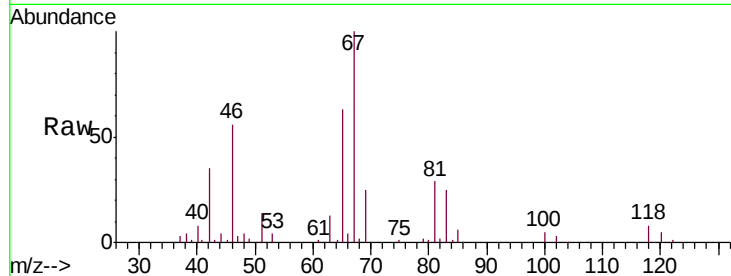




#40
 1,2-Dichloropropane
 Concen: 3.249 ug/L
 RT: 9.27 min Scan# 1209
 Delta R.T. -0.09 min
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Tgt Ion: 63 Resp: 4608
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.6 5.4#



#42
 cis-1,3-Dichloropropene
 Concen: 0.582 ug/L
 RT: 10.04 min Scan# 1334
 Delta R.T. -0.04 min
 Lab File: VW007445.D
 Acq: 12 Dec 2018 16:18

Tgt Ion: 75 Resp: 1387
 Ion Ratio Lower Upper
 75 100
 77 62.8 23.0 42.6#

