

Data File : VW007443.D
Acq On : 12 Dec 2018 15:26
Operator : SY/AP
Sample : J6270-20
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VHBLK01

Quant Time: Dec 13 00:44:15 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	112967	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	101250	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	49770	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	17558	23.86	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	95.44%
7) Chloroethane-d5	2.90	69	13002	20.86	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	83.44%
10) 1,1-Dichloroethene-d2	4.01	63	46037	18.14	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	72.56%
20) 2-Butanone-d5	7.08	46	23592	50.87	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	101.74%
24) Chloroform-d	7.65	84	62360	23.40	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	93.60%
26) 1,2-Dichloroethane-d4	8.31	65	37941	25.02	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	100.08%
29) Benzene-d6	8.27	84	123226	22.41	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	89.64%
33) 1,2-Dichloropropane-d6	9.27	67	34918	22.25	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	89.00%
37) Toluene-d8	10.32	98	119250	23.13	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	92.52%
38) trans-1,3-Dichloropropene-	10.58	79	17979	22.41	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	89.64%
39) 2-Hexanone-d5	10.93	63	18360	48.60	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	97.20%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	36136	25.27	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	101.08%
61) 1,2-Dichlorobenzene-d4	13.86	152	43719	24.97	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	99.88%

Target Compounds

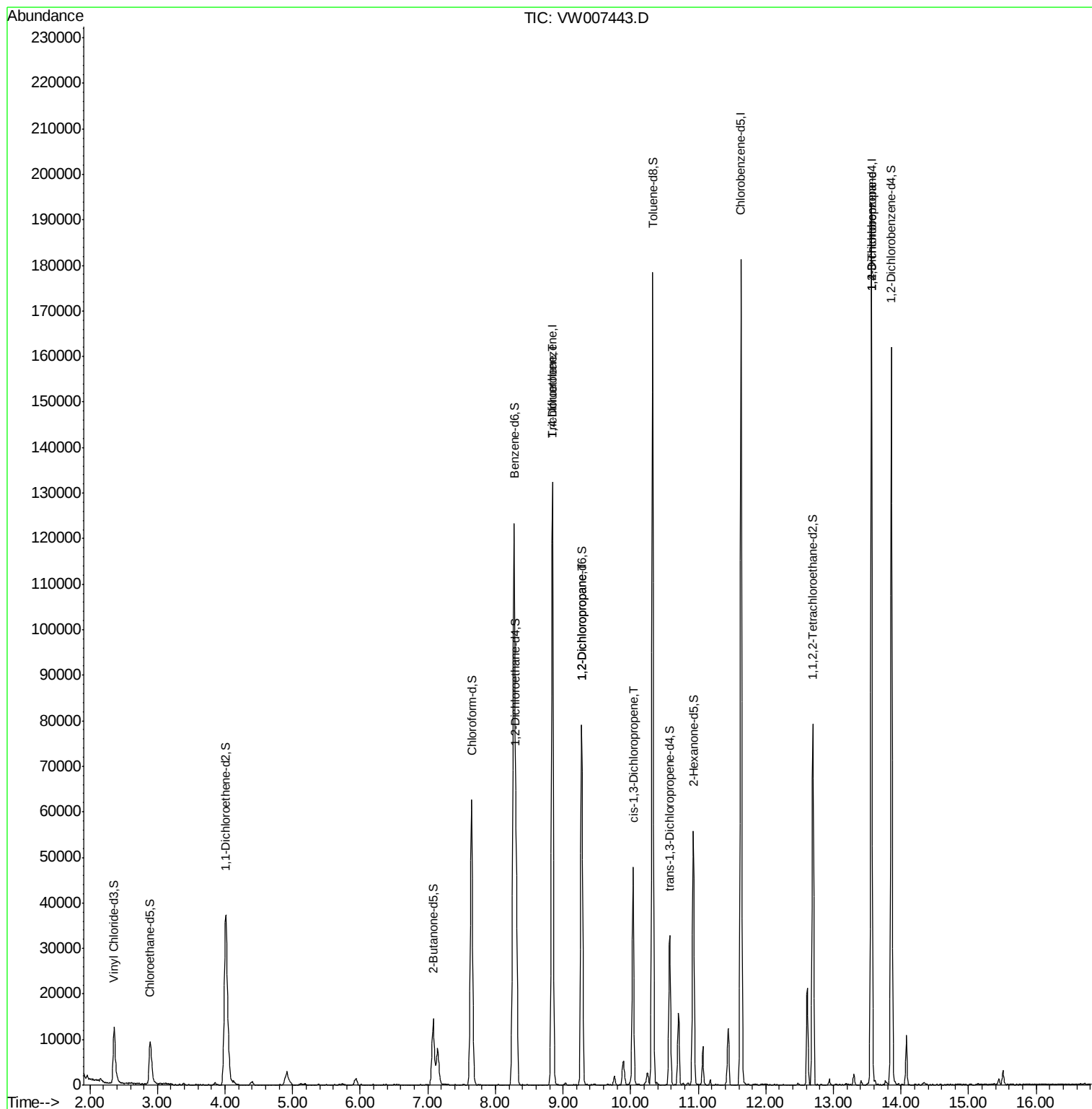
					Qvalue
35) Trichloroethene	8.85	95	3572	2.146 ug/L #	4
40) 1,2-Dichloropropane	9.28	63	4121	2.903 ug/L #	86
42) cis-1,3-Dichloropropene	10.04	75	1333	0.559 ug/L #	62
59) 1,2,3-Trichloropropane	13.56	75	5597	4.879 ug/L	89

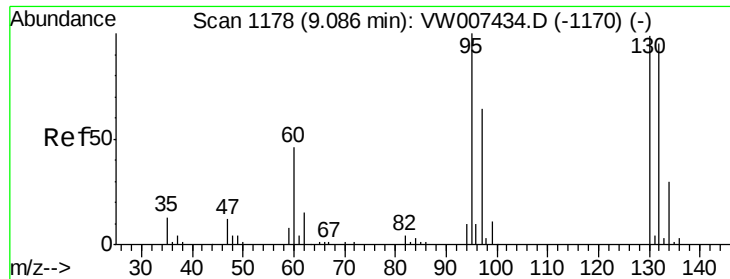
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#35

Trichloroethene

Concen: 2.146 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: 3572

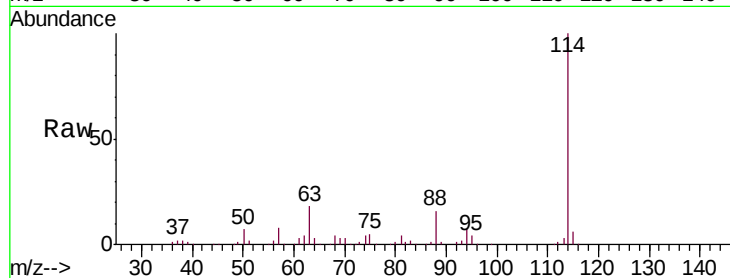
Ion Ratio Lower Upper

95 100

97 0.0 45.8 85.0#

132 0.0 68.0 126.4#

130 0.0 71.6 133.0#



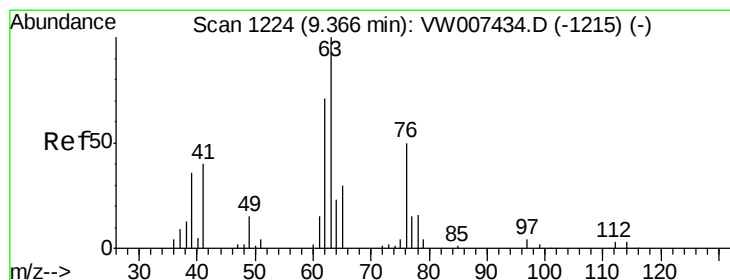
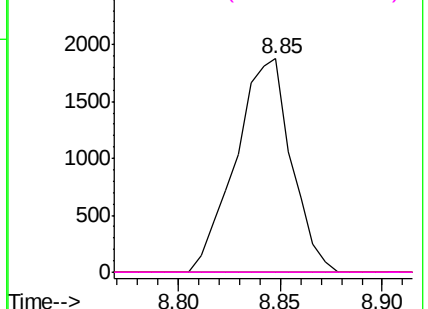
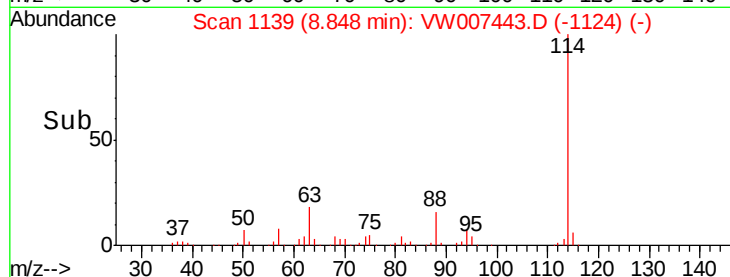
Abundance

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



#40

1,2-Dichloropropane

Concen: 2.903 ug/L

RT: 9.28 min Scan# 1210

Delta R.T. -0.09 min

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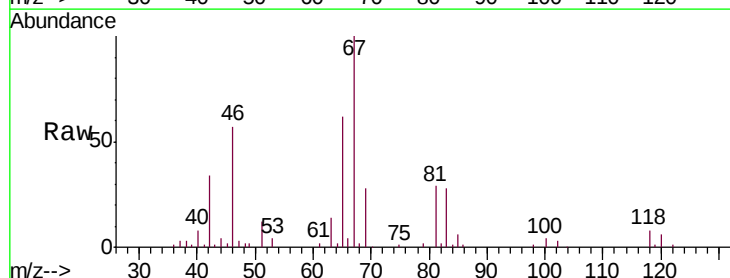
Acq: 12 Dec 2018 15:26

Tgt Ion: 63 Resp: 4121

Ion Ratio Lower Upper

63 100

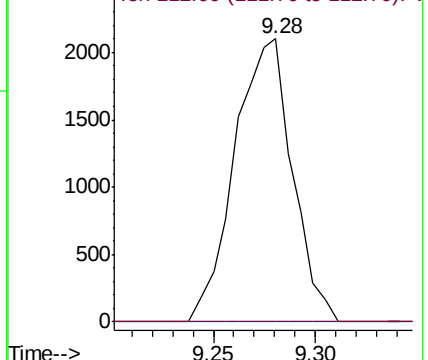
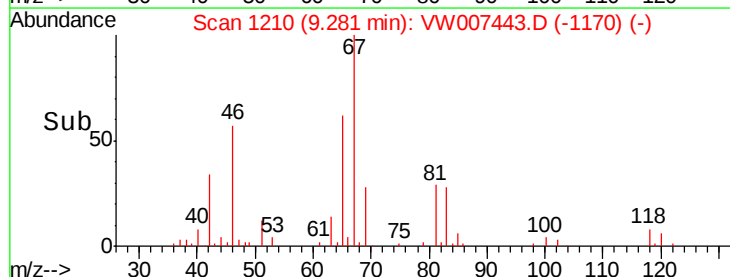
112 0.0 3.6 5.4#

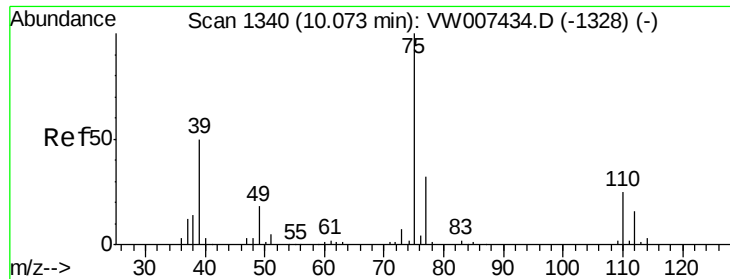


Abundance

Ion 63.00 (62.70 to 63.70): VW

Ion 112.00 (111.70 to 112.70): V





#42

cis-1,3-Dichloropropene

Concen: 0.559 ug/L

RT: 10.04 min Scan# 1334

Delta R.T. -0.04 min

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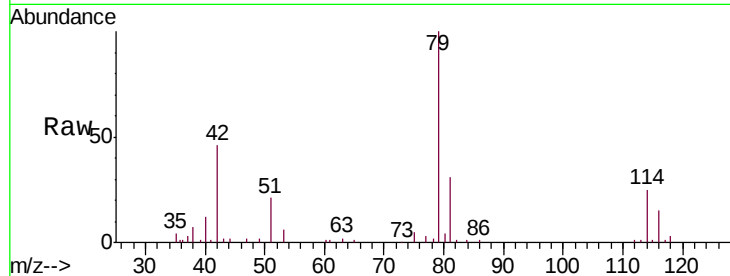
VHBLK01

Tgt Ion: 75 Resp: 1333

Ion Ratio Lower Upper

75 100

77 54.5 23.0 42.6#



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW

800

600

400

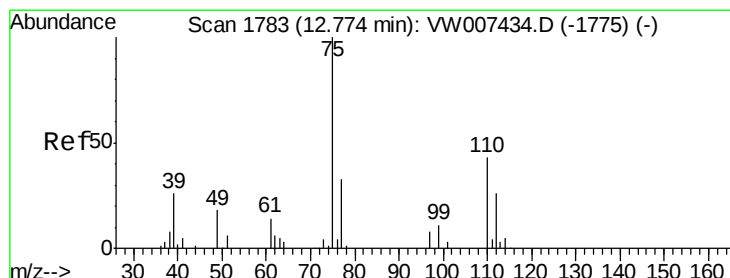
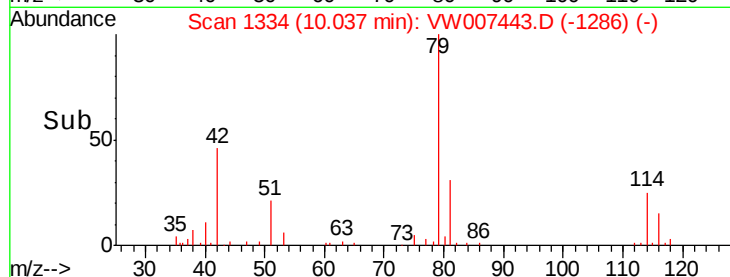
200

0

10.04

10.05

Time-->



#59

1,2,3-Trichloropropane

Concen: 4.879 ug/L

RT: 13.56 min Scan# 1912

Delta R.T. 0.79 min

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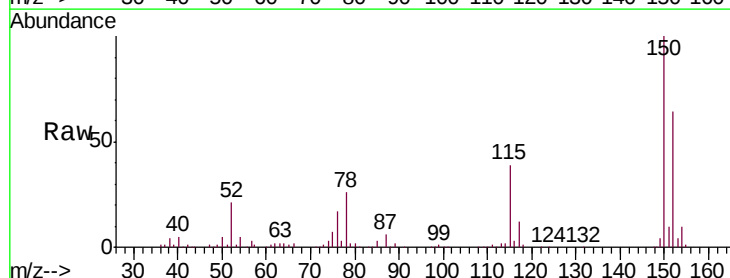
Acq: 12 Dec 2018 15:26

Tgt Ion: 75 Resp: 5597

Ion Ratio Lower Upper

75 100

77 39.3 26.5 39.7



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW

4000

3000

2000

1000

0

13.56

13.55

13.60

Time-->

