

Data File : VW009644.D
Acq On : 02 Apr 2019 00:43
Operator : SY/VA
Sample : VIBLK
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VIBLK20

Quant Time: Apr 02 01:40:17 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM031419S.M
Quant Title : VOC Analysis
QLast Update : Tue Apr 02 01:34:09 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	385127	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	382520	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	182817	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	83943	18.24	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	72.96%
7) Chloroethane-d5	2.89	69	95192	17.68	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	70.72%
10) 1,1-Dichloroethene-d2	4.01	63	154370	15.52	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	62.08%
20) 2-Butanone-d5	7.08	46	109988	57.79	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	115.58%
24) Chloroform-d	7.64	84	265015	25.22	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	100.88%
26) 1,2-Dichloroethane-d4	8.31	65	173921	27.47	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	109.88%
29) Benzene-d6	8.27	84	461551	21.88	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	87.52%
33) 1,2-Dichloropropane-d6	9.27	67	153902	24.29	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	97.16%
37) Toluene-d8	10.32	98	414742	21.26	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	85.04%
38) trans-1,3-Dichloropropene-	10.58	79	65870	20.70	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	82.80%
39) 2-Hexanone-d5	10.93	63	78095	50.89	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	101.78%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	163403	26.19	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	104.76%
61) 1,2-Dichlorobenzene-d4	13.85	152	167996	23.96	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	95.84%

Target Compounds

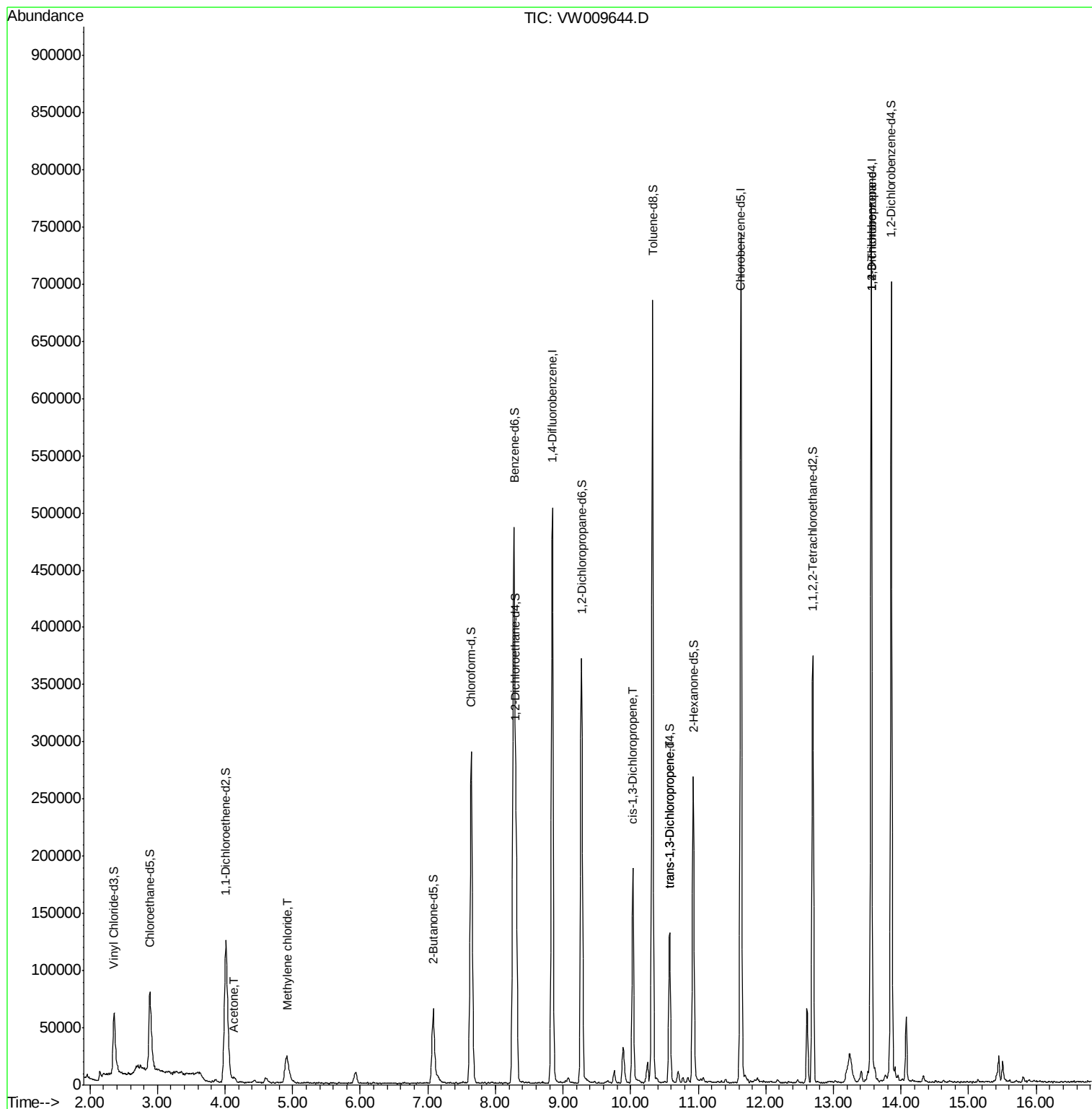
					Qvalue
13) Acetone	4.13	43	4695	3.008 ug/L	76
16) Methylene chloride	4.92	84	21024	3.743 ug/L	87
42) cis-1,3-Dichloropropene	10.03	75	5555	0.635 ug/L #	75
45) trans-1,3-Dichloropropene	10.57	75	3810	0.501 ug/L #	72
59) 1,2,3-Trichloropropane	13.56	75	24056	5.606 ug/L	92

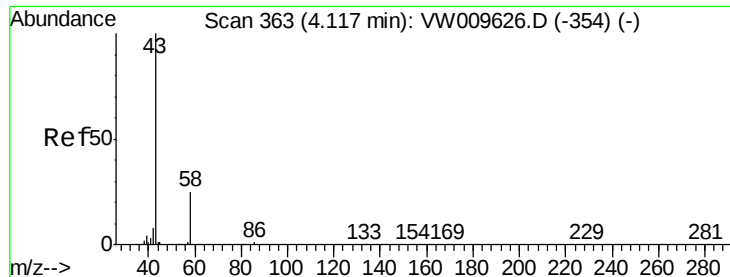
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 3.008 ug/L

RT: 4.13 min Scan# 365

Delta R.T. 0.01 min

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Instrument :

MSVOA_W

ClientSampleId :

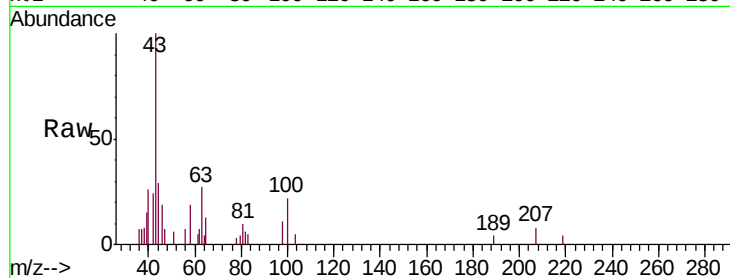
VIBLK20

Tgt Ion: 43 Resp: 4695

Ion Ratio Lower Upper

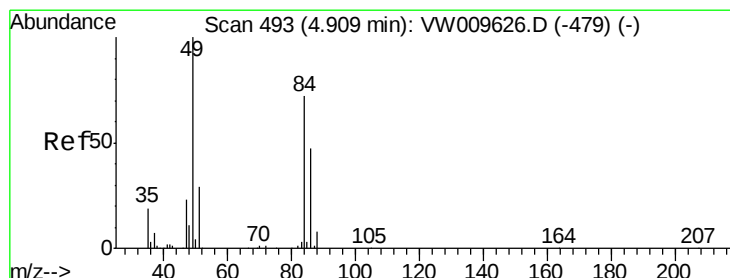
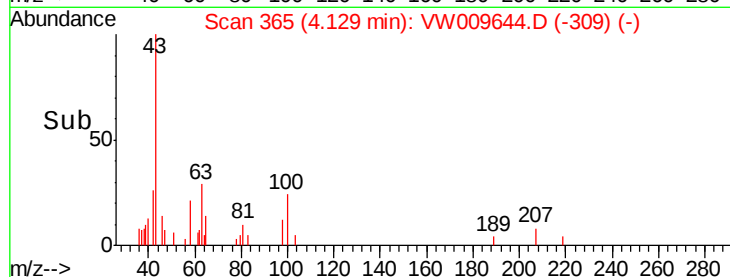
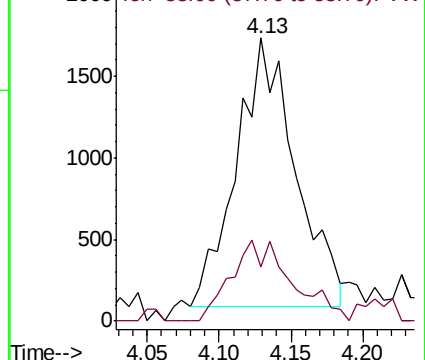
43 100

58 15.7 0.0 56.2



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#16

Methylene chloride

Concen: 3.743 ug/L

RT: 4.92 min Scan# 495

Delta R.T. 0.01 min

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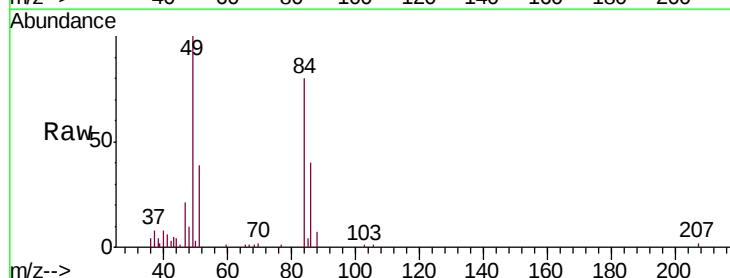
Tgt Ion: 84 Resp: 21024

Ion Ratio Lower Upper

84 100

49 124.6 96.0 178.2

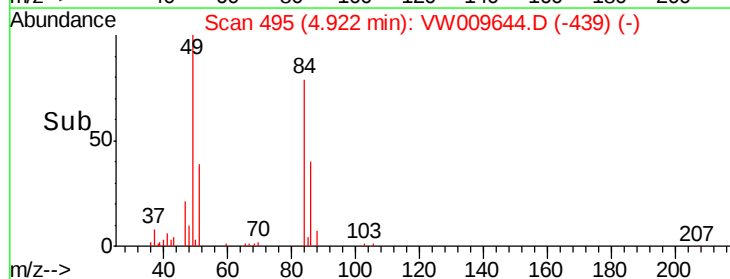
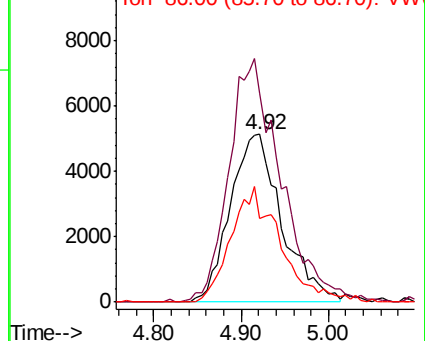
86 49.7 44.4 82.5

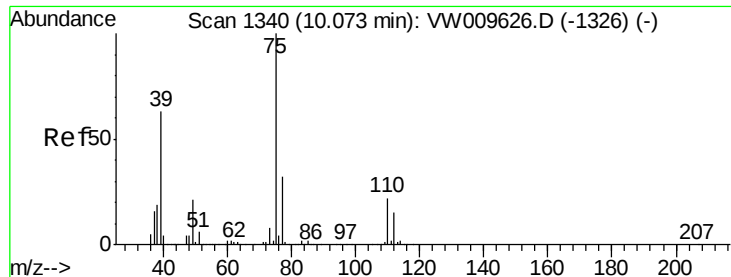


Abundance Ion 84.00 (83.70 to 84.70): VW

Ion 49.00 (48.70 to 49.70): VW

Ion 86.00 (85.70 to 86.70): VW





#42

cis-1,3-Dichloropropene

Concen: 0.635 ug/L

RT: 10.03 min Scan# 1333

Delta R.T. -0.04 min

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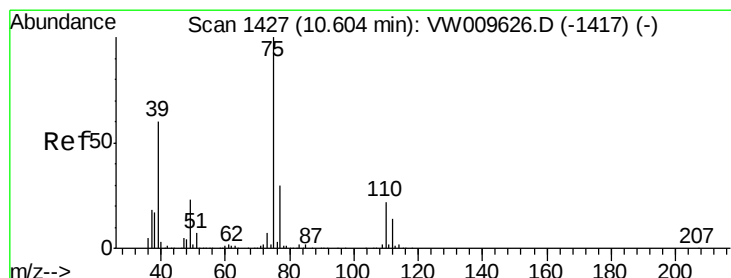
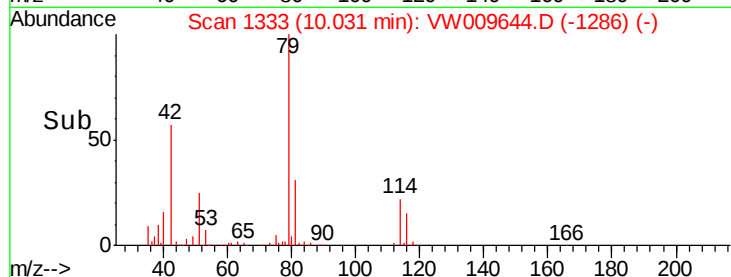
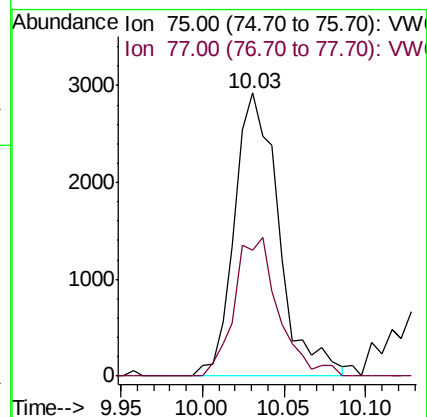
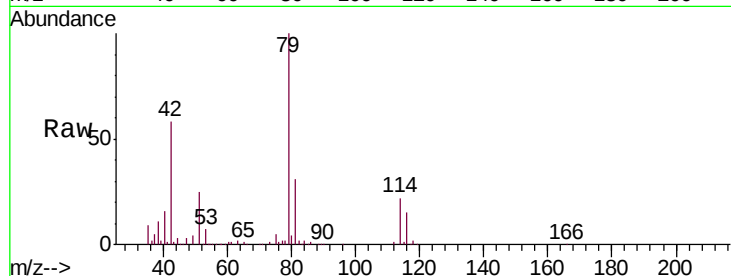
VIBLK20

Tgt Ion: 75 Resp: 5555

Ion Ratio Lower Upper

75 100

77 44.6 21.6 40.2#



#45

trans-1,3-Dichloropropene

Concen: 0.501 ug/L

RT: 10.57 min Scan# 1422

Delta R.T. -0.03 min

Lab File: VW009644.D

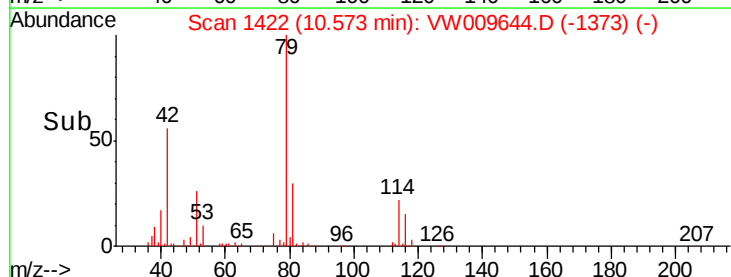
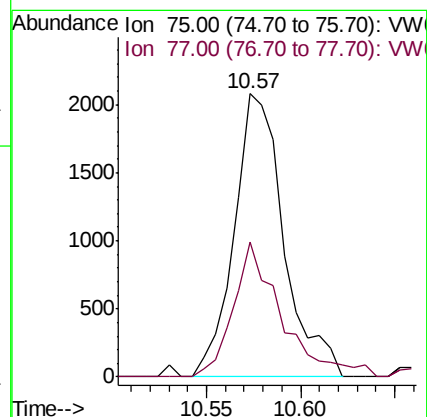
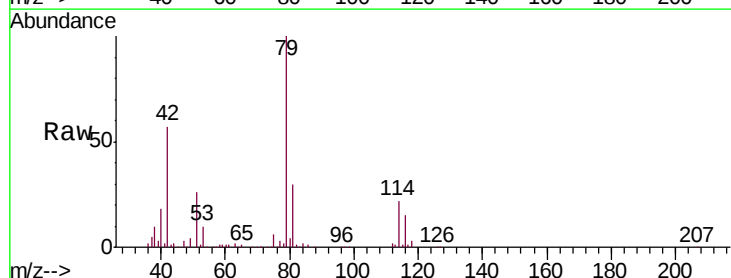
Acq: 02 Apr 2019 00:43

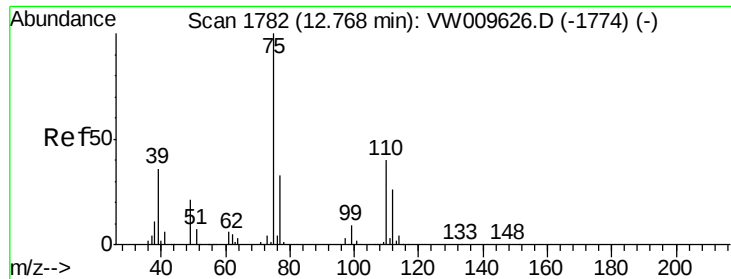
Tgt Ion: 75 Resp: 3810

Ion Ratio Lower Upper

75 100

77 47.5 22.5 41.7#





#59

1,2,3-Trichloropropane

Concen: 5.606 ug/L

RT: 13.56 min Scan# 1912

Delta R.T. 0.79 min

Lab File: VW009644.D

Acq: 02 Apr 2019 00:43

Instrument :

MSVOA_W

ClientSampleId :

VIBLK20

Tgt Ion: 75 Resp: 24056

Ion Ratio Lower Upper

75 100

77 37.0 26.2 39.2

