

Data File : VW009532.D
Acq On : 28 Mar 2019 12:20
Operator : SY/VA
Sample : K2083-09
Misc : 5.09G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VHBLK01

Quant Time: Mar 29 05:38:20 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM031419S.M
Quant Title : VOC Analysis
QLast Update : Fri Mar 29 05:35:33 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	438353	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	419280	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	198436	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	97279	18.57	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	74.28%
7) Chloroethane-d5	2.89	69	106388	17.36	ug/L	0.02
Spiked Amount	25.000	Range	30 - 150	Recovery	=	69.44%
10) 1,1-Dichloroethene-d2	4.01	63	170697	15.08	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	60.32%
20) 2-Butanone-d5	7.07	46	90838	41.93	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	83.86%
24) Chloroform-d	7.64	84	251939	21.06	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	84.24%
26) 1,2-Dichloroethane-d4	8.30	65	154353	21.42	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	85.68%
29) Benzene-d6	8.27	84	457541	19.79	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	79.16%
33) 1,2-Dichloropropane-d6	9.27	67	147526	21.24	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	84.96%
37) Toluene-d8	10.32	98	416981	19.50	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	78.00%
38) trans-1,3-Dichloropropene-	10.58	79	64445	18.48	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	73.92%
39) 2-Hexanone-d5	10.92	63	61884	36.79	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	73.58%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	141987	20.76	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	83.04%
61) 1,2-Dichlorobenzene-d4	13.86	152	162821	21.40	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	85.60%

Target Compounds

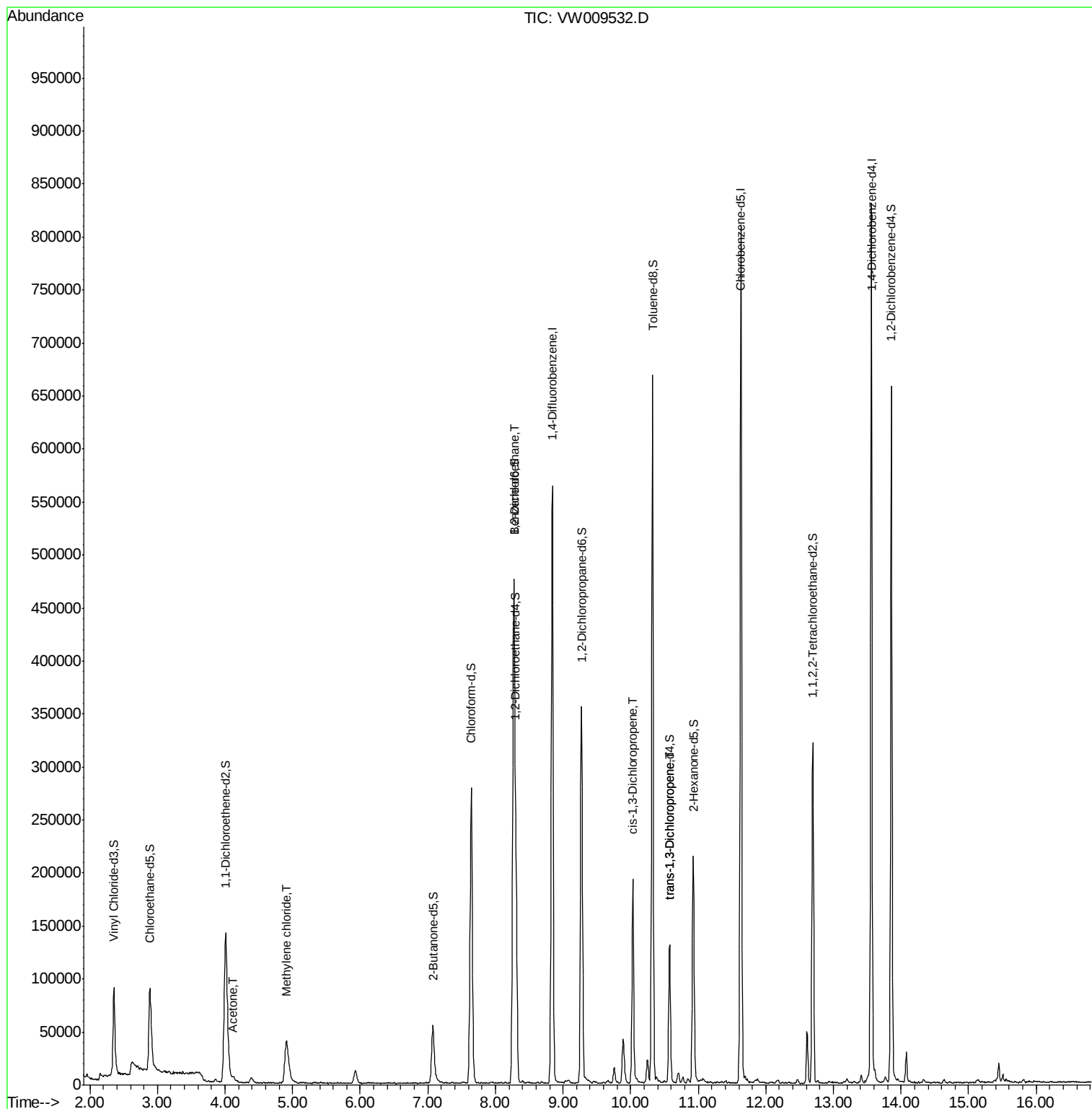
					Qvalue
13) Acetone	4.12	43	5361	3.018 ug/L	76
16) Methylene chloride	4.91	84	21837	3.416 ug/L	96
27) 1,2-Dichloroethane	8.27	62	3410	0.422 ug/L	95
42) cis-1,3-Dichloropropene	10.03	75	5663	0.590 ug/L #	59
45) trans-1,3-Dichloropropene	10.58	75	3676	0.441 ug/L #	73

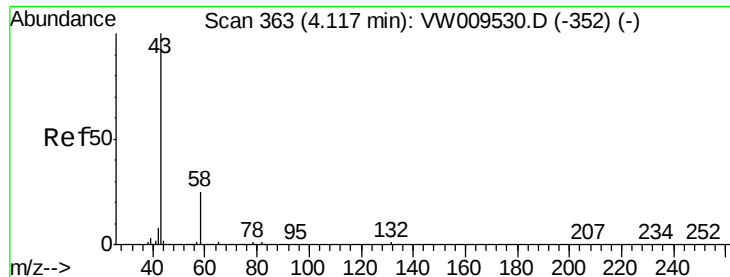
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 3.018 ug/L

RT: 4.12 min Scan# 363

Delta R.T. -0.00 min

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ClientSampleId :

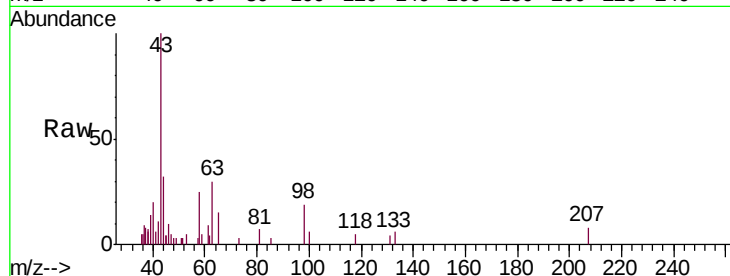
VHBLK01

Tgt Ion: 43 Resp: 5361

Ion Ratio Lower Upper

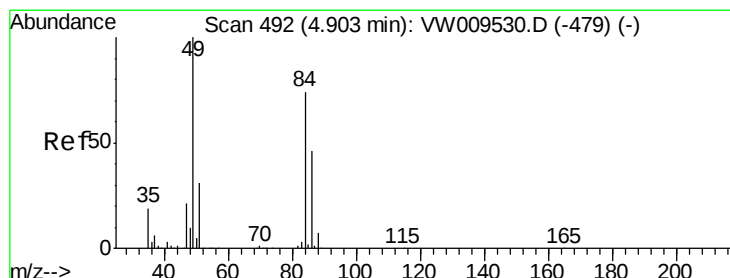
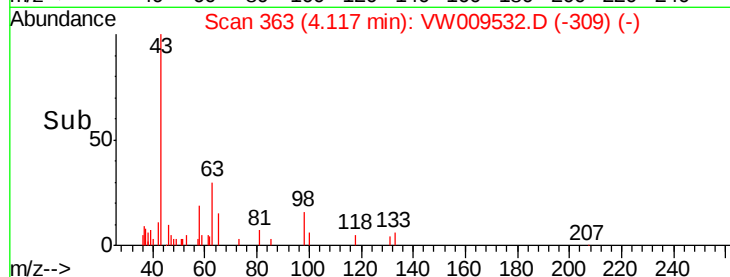
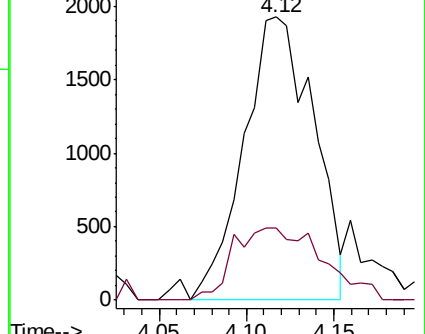
43 100

58 15.4 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: 3.416 ug/L

RT: 4.91 min Scan# 493

Delta R.T. 0.01 min

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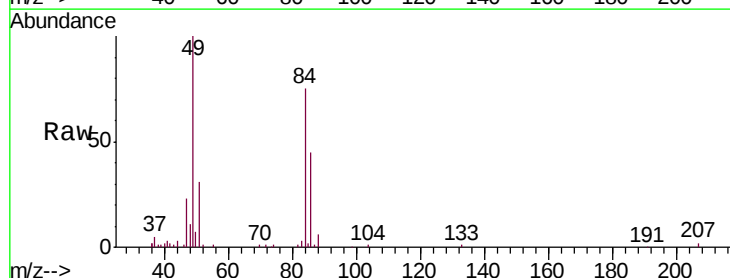
Tgt Ion: 84 Resp: 21837

Ion Ratio Lower Upper

84 100

49 133.3 96.0 178.2

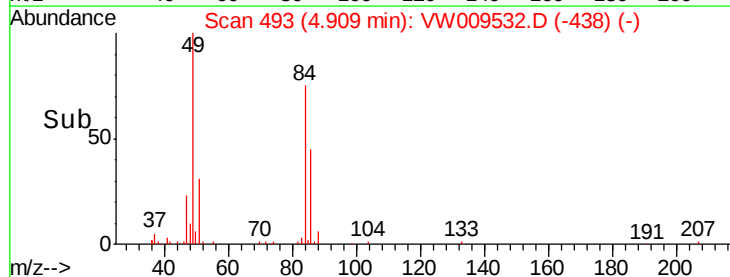
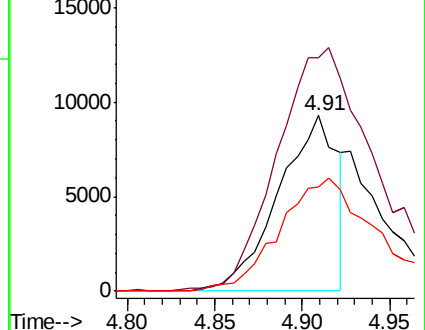
86 59.5 44.4 82.5

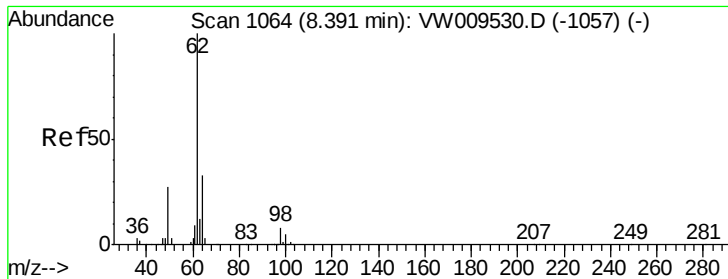


Abundance Ion 84.00 (83.70 to 84.70): VW

Ion 49.00 (48.70 to 49.70): VW

Ion 86.00 (85.70 to 86.70): VW





#27

1,2-Dichloroethane

Concen: 0.422 ug/L

RT: 8.27 min Scan# 1044

Delta R.T. -0.12 min

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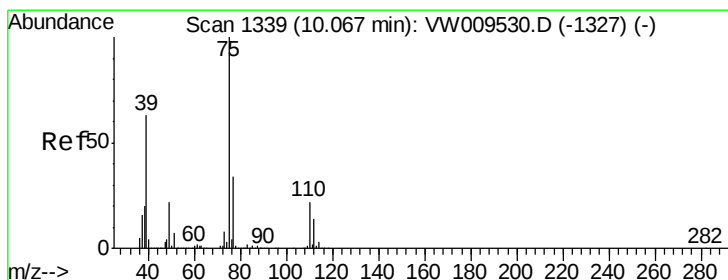
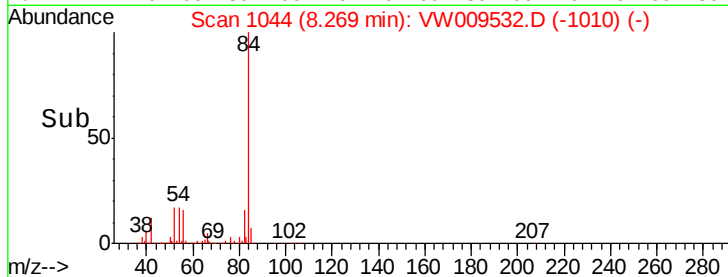
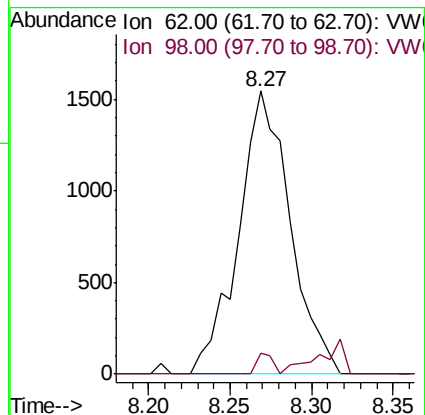
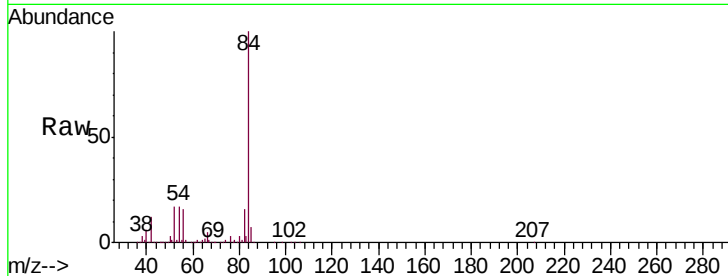
VHBLK01

Tgt Ion: 62 Resp: 3410

Ion Ratio Lower Upper

62 100

98 7.4 7.3 10.9



#42

cis-1,3-Dichloropropene

Concen: 0.590 ug/L

RT: 10.03 min Scan# 1333

Delta R.T. -0.04 min

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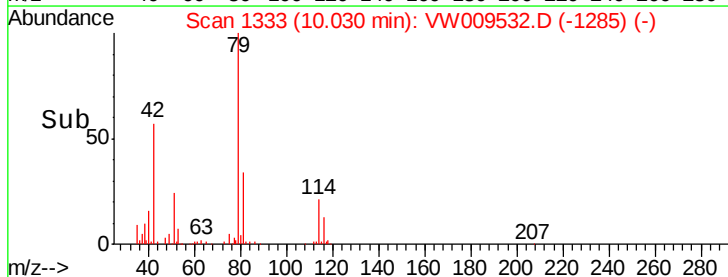
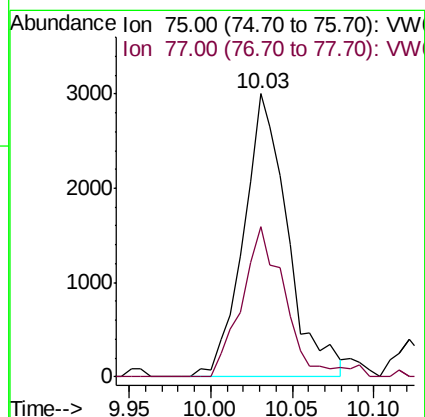
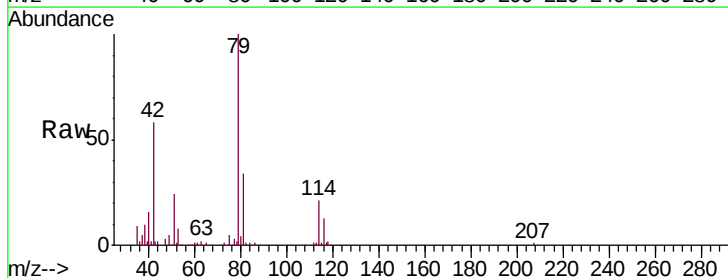
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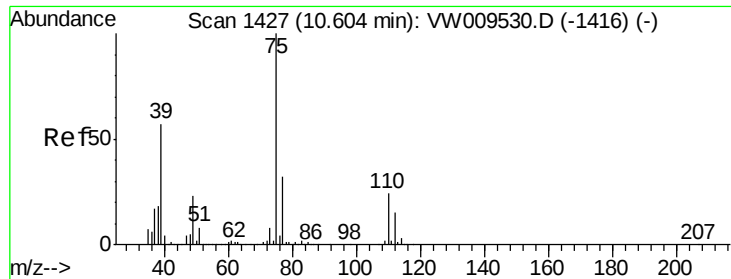
Tgt Ion: 75 Resp: 5663

Ion Ratio Lower Upper

75 100

77 53.3 21.6 40.2#





#45

trans-1,3-Dichloropropene

Concen: 0.441 ug/L

RT: 10.58 min Scan# 1423

Delta R.T. -0.02 min

Lab File: VW009532.D

Acq: 28 Mar 2019 12:20

Instrument :

MSVOA_W

ClientSampleId :

VHBLK01

Tgt Ion: 75 Resp: 3676

Ion Ratio Lower Upper

75 100

77 47.0 22.5 41.7#

