

Data File : VW014365.D
Acq On : 16 Dec 2019 13:13
Operator : SY/VA
Sample : K6236-10
Misc : 5.10G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VHBLK01

Quant Time: Dec 17 07:29:46 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM120519S.M
Quant Title : VOC Analysis
QLast Update : Tue Dec 17 07:27:11 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	1134217	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	1020549	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.55	152	441632	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	351419	20.46	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	81.84%
7) Chloroethane-d5	2.89	69	292186	22.88	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	91.52%
10) 1,1-Dichloroethene-d2	4.01	63	517549	17.06	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	68.24%
20) 2-Butanone-d5	7.07	46	246589	55.10	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	110.20%
24) Chloroform-d	7.65	84	718685	24.89	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	99.56%
26) 1,2-Dichloroethane-d4	8.30	65	400919	26.48	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	105.92%
29) Benzene-d6	8.27	84	1493830	24.98	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	99.92%
33) 1,2-Dichloropropane-d6	9.27	67	474856	25.81	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	103.24%
37) Toluene-d8	10.32	98	1316096	24.33	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	97.32%
38) trans-1,3-Dichloropropene-	10.58	79	184374	23.88	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	95.52%
39) 2-Hexanone-d5	10.92	63	186652	51.01	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	102.02%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	384539	25.64	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	102.56%
61) 1,2-Dichlorobenzene-d4	13.85	152	442978	26.25	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	105.00%

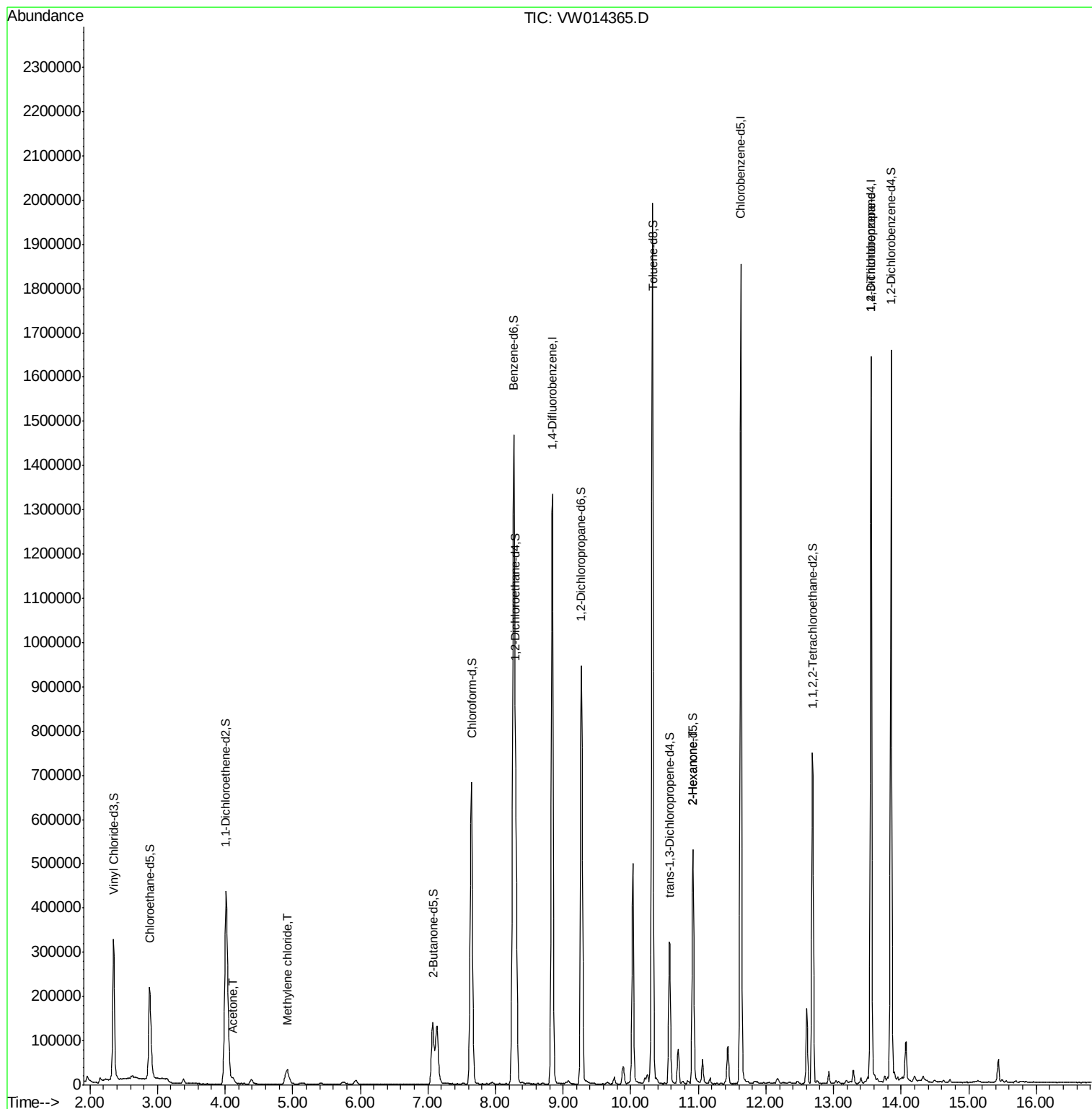
Target Compounds					Qvalue
13) Acetone	4.12	43	19192	4.448 ug/L	97
16) Methylene chloride	4.91	84	29440	1.693 ug/L	94
49) 2-Hexanone	10.92	43	22403	2.875 ug/L #	66
59) 1,2,3-Trichloropropane	13.55	75	53561	4.668 ug/L	97

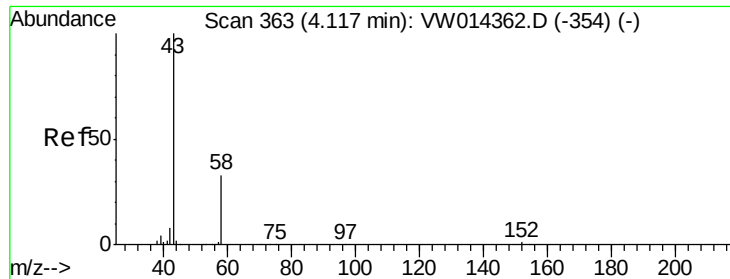
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 4.448 ug/L

RT: 4.12 min Scan# 364

Delta R.T. 0.01 min

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Instrument :

MSVOA_W

ClientSampleId :

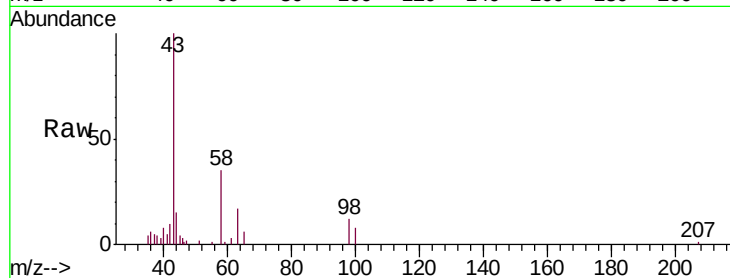
VHBLK01

Tgt Ion: 43 Resp: 19192

Ion Ratio Lower Upper

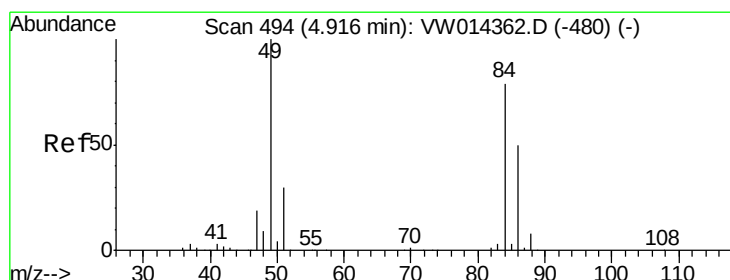
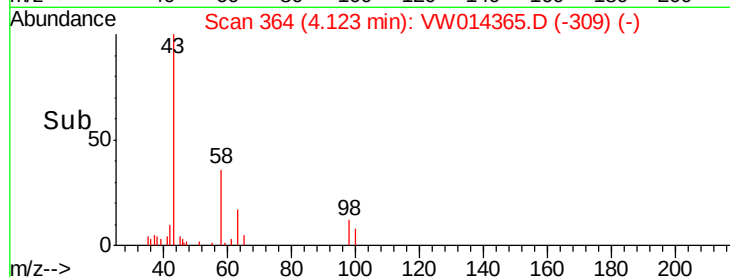
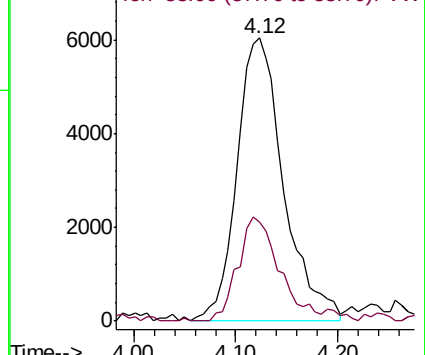
43 100

58 31.2 0.0 65.4



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#16

Methylene chloride

Concen: 1.693 ug/L

RT: 4.91 min Scan# 493

Delta R.T. -0.01 min

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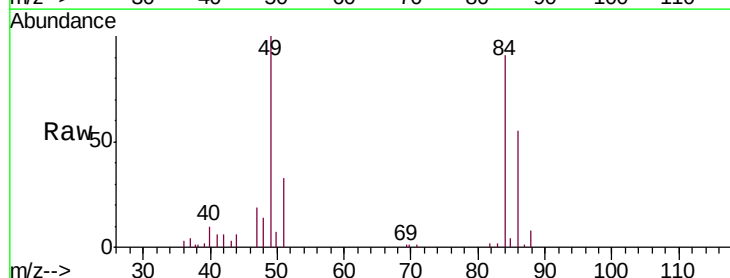
Tgt Ion: 84 Resp: 29440

Ion Ratio Lower Upper

84 100

49 110.4 84.2 156.4

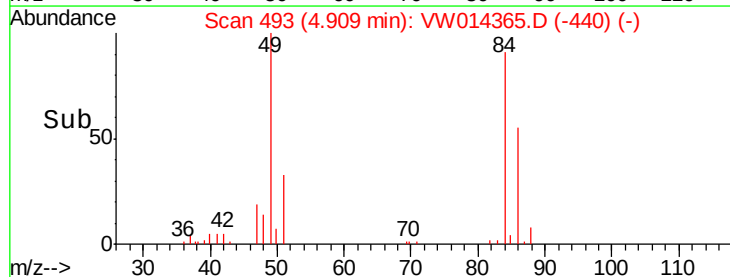
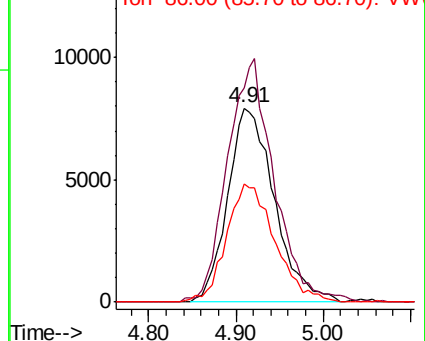
86 61.1 43.7 81.1

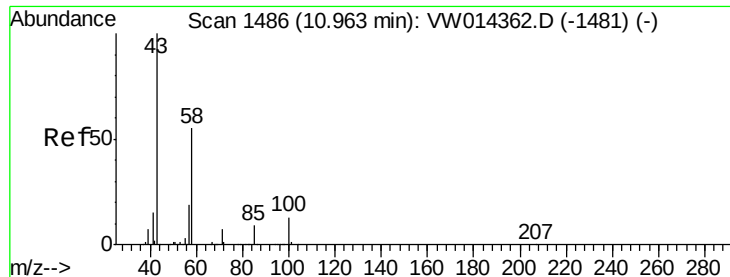


Abundance Ion 84.00 (83.70 to 84.70): VW

Ion 49.00 (48.70 to 49.70): VW

Ion 86.00 (85.70 to 86.70): VW





#49

2-Hexanone

Concen: 2.875 ug/L

RT: 10.92 min Scan# 1479

Delta R.T. -0.04 min

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Instrument :

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ClientSampleId :

VHBLK01

Tgt Ion: 43 Resp: 22403

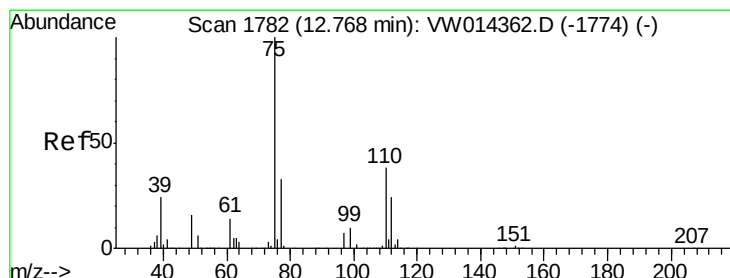
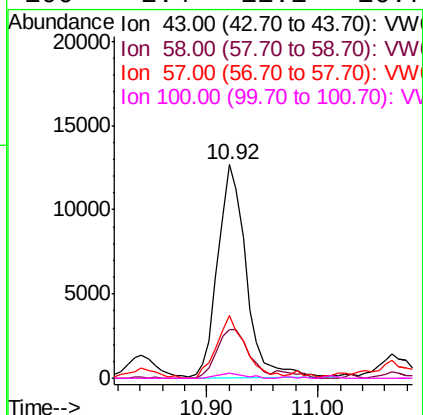
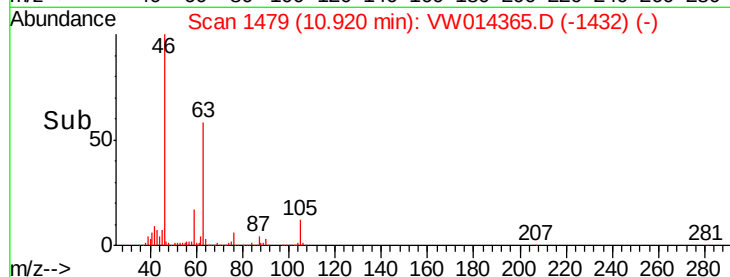
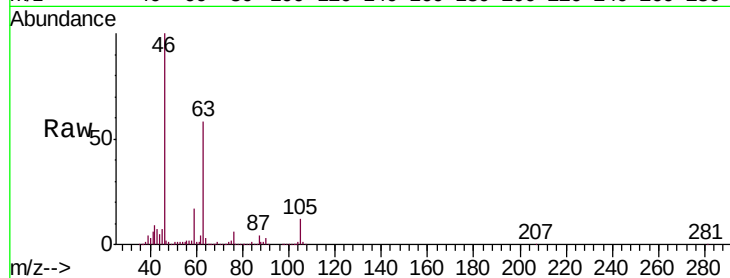
Ion Ratio Lower Upper

43 100

58 25.3 44.4 66.6#

57 29.4 16.5 24.7#

100 2.4 11.1 16.7#



#59

1,2,3-Trichloropropane

Concen: 4.668 ug/L

RT: 13.55 min Scan# 1911

Delta R.T. 0.79 min

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Tgt Ion: 75 Resp: 53561

Ion Ratio Lower Upper

75 100

77 34.2 25.9 38.9

