

Data File : VW010824.D
Acq On : 17 Jun 2019 13:34
Operator : SY/VA
Sample : VIBLK
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Jun 18 05:52:41 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM061119S.M
Quant Title : VOC Analysis
QLast Update : Tue Jun 18 05:48:46 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	412258	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	367667	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	171587	25.00	ug/L	0.00

System Monitoring Compounds

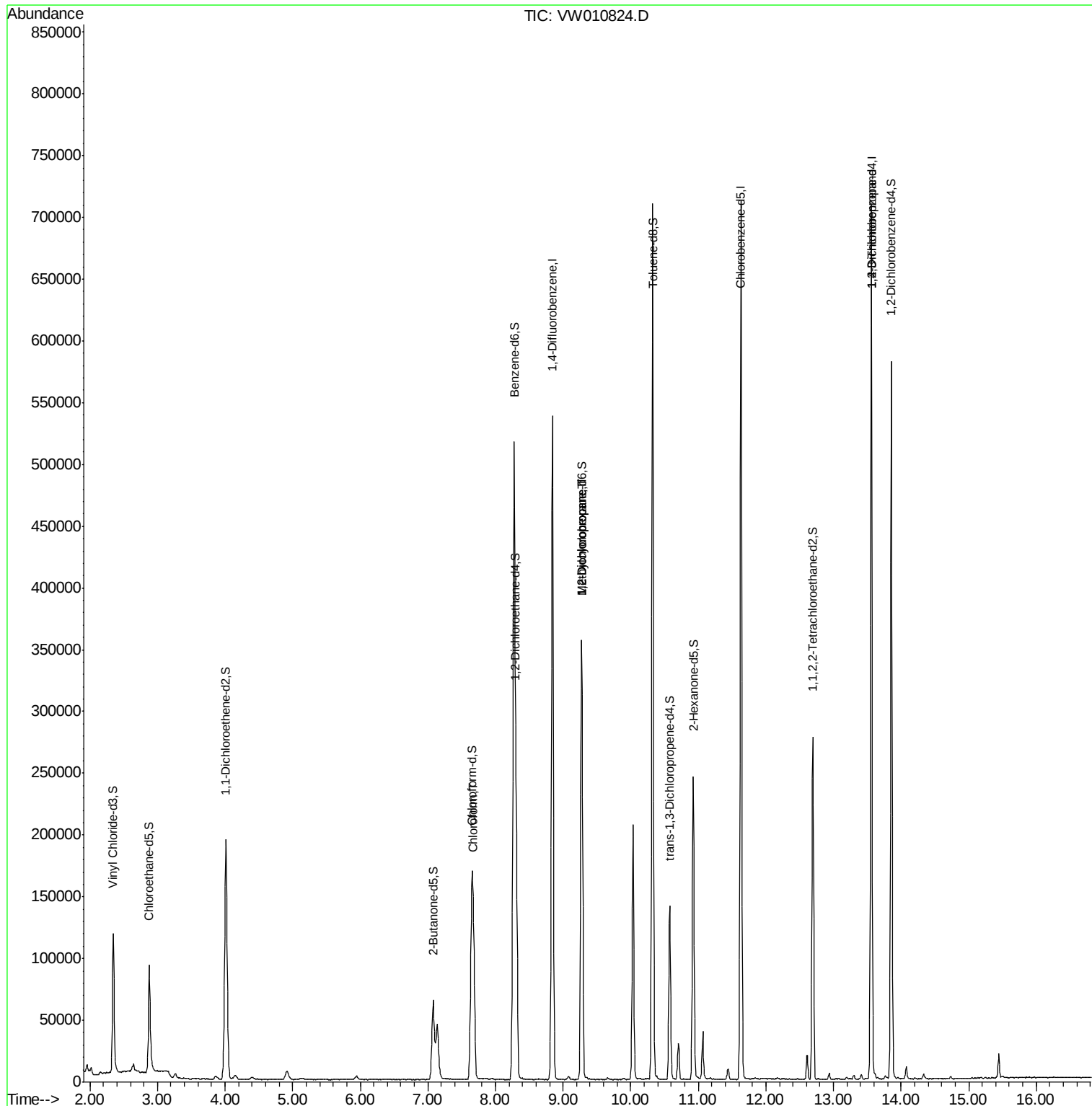
4) Vinyl Chloride-d3	2.34	65	120121	20.01	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	80.04%
7) Chloroethane-d5	2.88	69	93015	20.43	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	81.72%
10) 1,1-Dichloroethene-d2	4.01	63	198738	15.97	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	63.88%
20) 2-Butanone-d5	7.07	46	117285	49.79	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	99.58%
24) Chloroform-d	7.65	84	137077	16.18	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	64.72%
26) 1,2-Dichloroethane-d4	8.30	65	151010	21.88	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	87.52%
29) Benzene-d6	8.27	84	487531	22.21	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	88.84%
33) 1,2-Dichloropropane-d6	9.27	67	158599	22.52	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	90.08%
37) Toluene-d8	10.32	98	438697	22.24	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	88.96%
38) trans-1,3-Dichloropropene-	10.58	79	70198	22.26	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	89.04%
39) 2-Hexanone-d5	10.93	63	81815	48.62	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	97.24%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	134018	22.47	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	89.88%
61) 1,2-Dichlorobenzene-d4	13.86	152	145033	22.21	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	88.84%

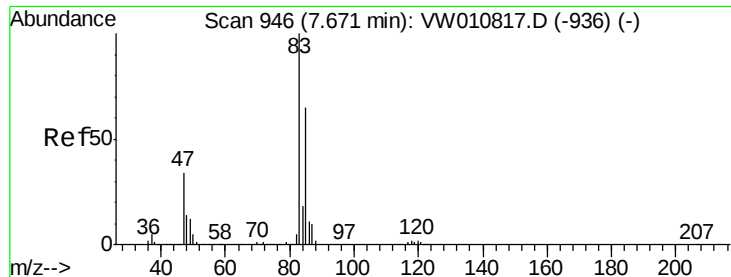
Target Compounds					Qvalue
25) Chloroform	7.68	83	94875	7.402 ug/L	100
36) Methylcyclohexane	9.27	83	36823	3.607 ug/L #	14
40) 1,2-Dichloropropane	9.27	63	18253	2.896 ug/L #	88
59) 1,2,3-Trichloropropane	13.56	75	22643	4.764 ug/L	89

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

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#25

Chloroform

Concen: 7.402 ug/L

RT: 7.68 min Scan# 947

Delta R.T. 0.01 min

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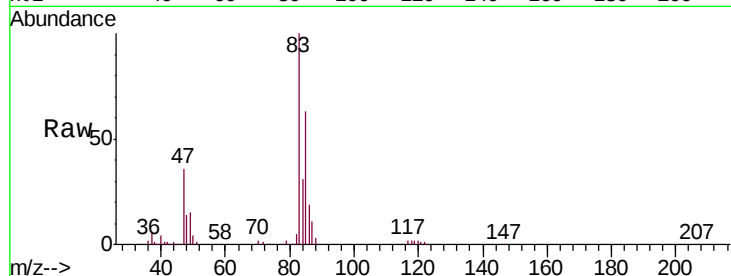
Acq: 17 Jun 2019 13:34

Tgt Ion: 83 Resp: 94875

Ion Ratio Lower Upper

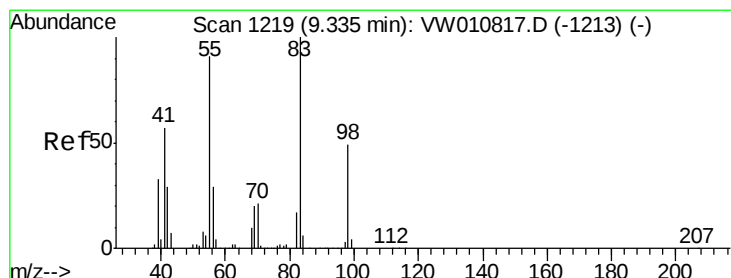
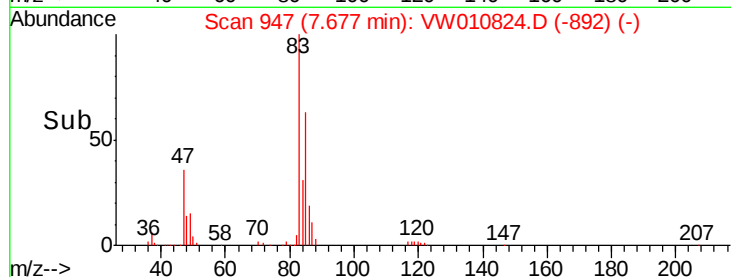
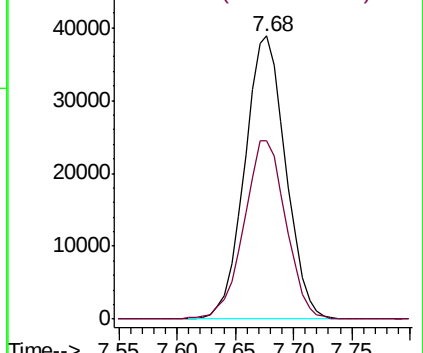
83 100

85 64.6 45.4 84.4



Abundance Ion 83.00 (82.70 to 83.70): VW

Ion 85.00 (84.70 to 85.70): VW



#36

Methylcyclohexane

Concen: 3.607 ug/L

RT: 9.27 min Scan# 1209

Delta R.T. -0.06 min

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Acq: 17 Jun 2019 13:34

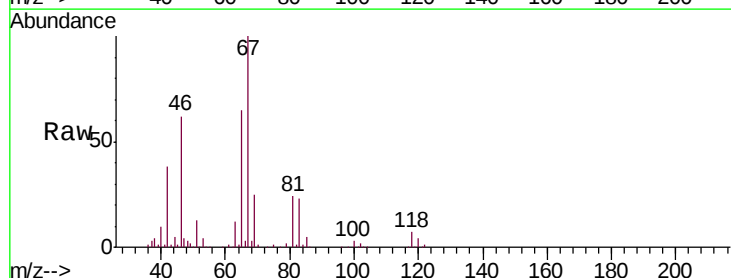
Tgt Ion: 83 Resp: 36823

Ion Ratio Lower Upper

83 100

55 0.2 71.6 107.4#

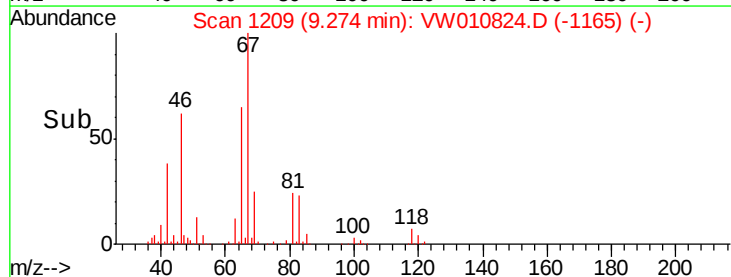
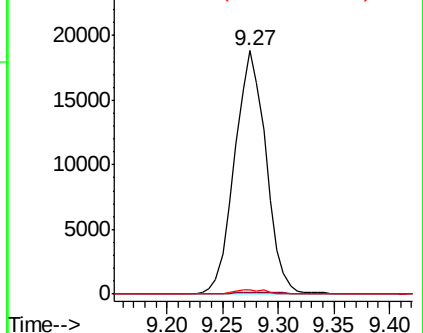
98 1.2 38.2 57.2#

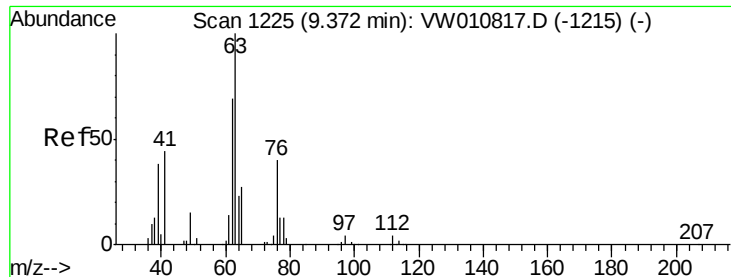


Abundance Ion 83.00 (82.70 to 83.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 98.00 (97.70 to 98.70): VW





#40

1,2-Dichloropropane

Concen: 2.896 ug/L

RT: 9.27 min Scan# 1209

Delta R.T. -0.10 min

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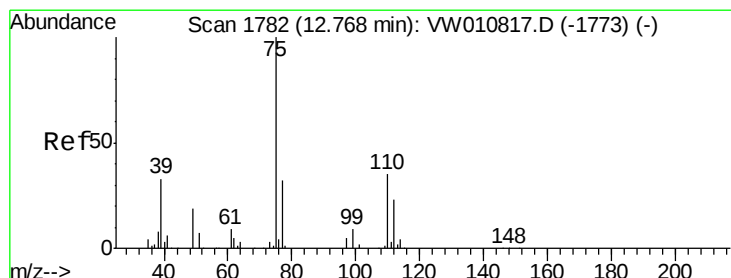
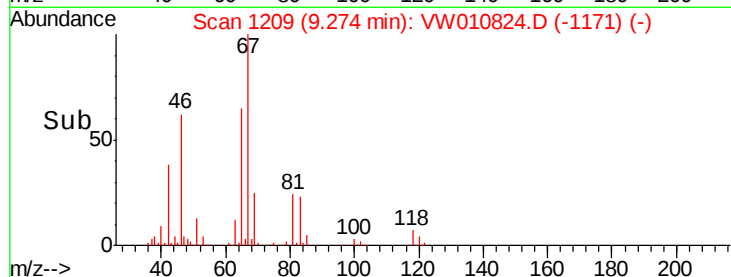
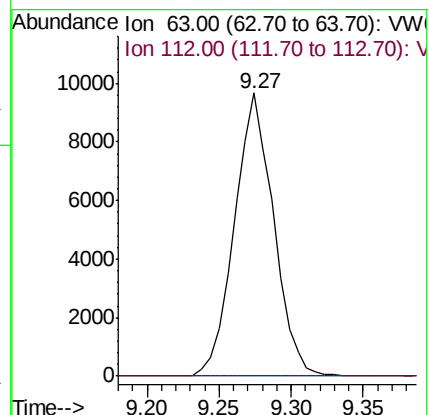
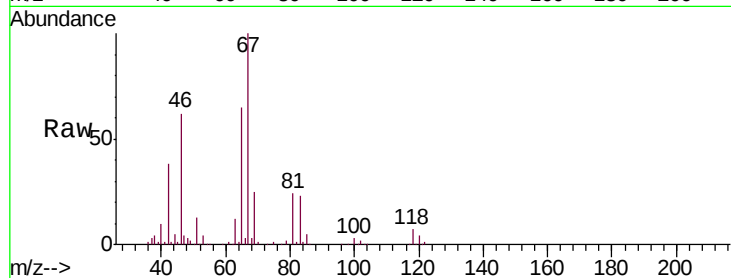
Acq: 17 Jun 2019 13:34

Tgt Ion: 63 Resp: 18253

Ion Ratio Lower Upper

63 100

112 0.0 3.1 4.7#



#59

1,2,3-Trichloropropane

Concen: 4.764 ug/L

RT: 13.56 min Scan# 1912

Delta R.T. 0.79 min

Lab File: VW010824.D

Acq: 17 Jun 2019 13:34

Tgt Ion: 75 Resp: 22643

Ion Ratio Lower Upper

75 100

77 38.3 25.6 38.4

