

Data File : VW010835.D
Acq On : 17 Jun 2019 19:05
Operator : SY/VA
Sample : VIBLK
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Jun 18 05:54:01 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	330880	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	304738	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	142287	25.00	ug/L	0.00

System Monitoring Compounds

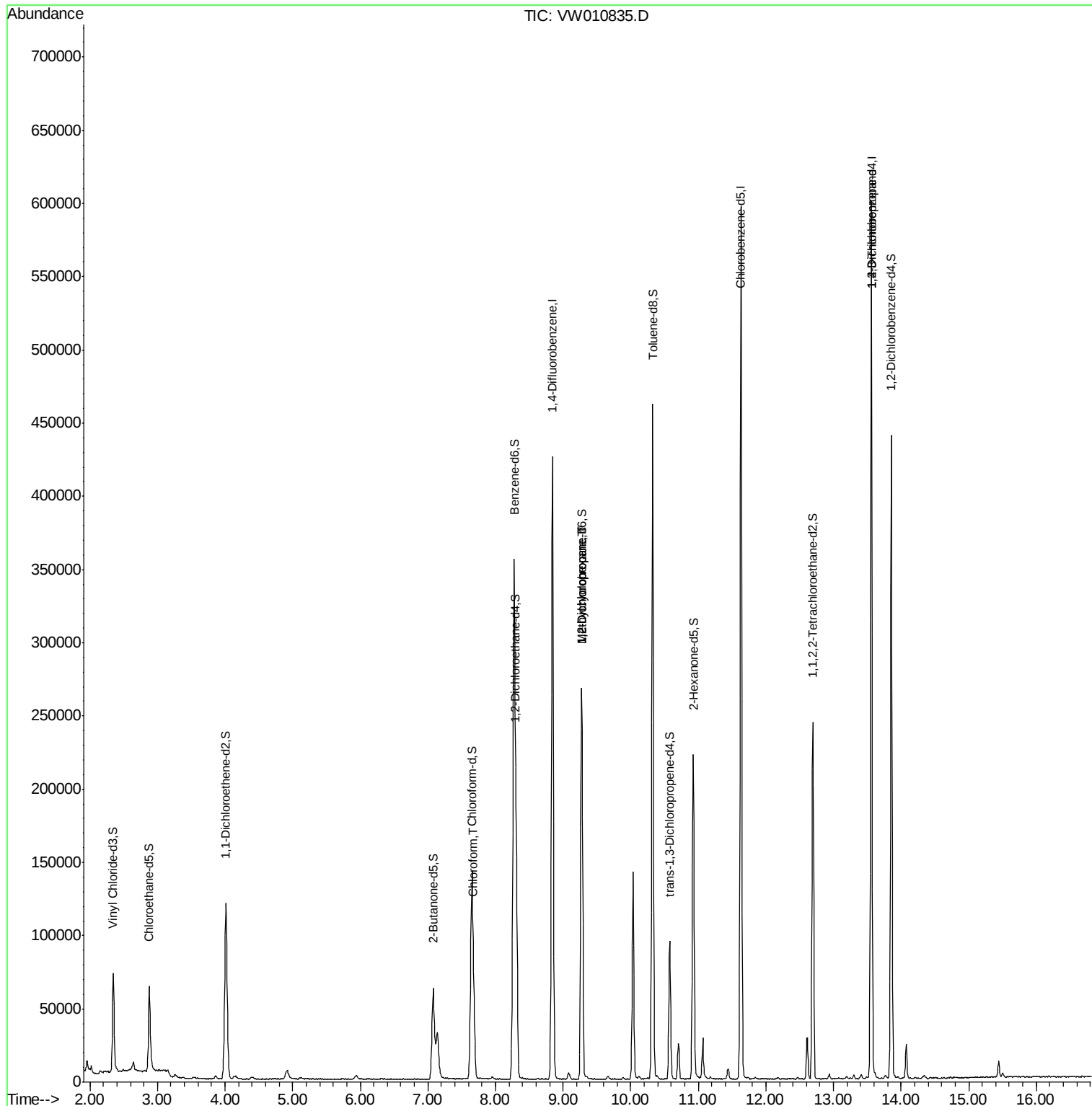
4) Vinyl Chloride-d3	2.34	65	68869	14.29	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	57.16%
7) Chloroethane-d5	2.88	69	63208	17.30	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	69.20%
10) 1,1-Dichloroethene-d2	4.01	63	121945	12.21	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	48.84%
20) 2-Butanone-d5	7.08	46	112082	59.28	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	118.56%
24) Chloroform-d	7.65	84	127560	18.75	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	75.00%
26) 1,2-Dichloroethane-d4	8.31	65	115548	20.86	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	83.44%
29) Benzene-d6	8.27	84	336919	18.52	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	74.08%
33) 1,2-Dichloropropane-d6	9.27	67	119572	20.48	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	81.92%
37) Toluene-d8	10.32	98	288159	17.63	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	70.52%
38) trans-1,3-Dichloropropene-	10.58	79	47178	18.05	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	72.20%
39) 2-Hexanone-d5	10.93	63	74353	53.31	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	106.62%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	116414	23.55	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	94.20%
61) 1,2-Dichlorobenzene-d4	13.85	152	108539	20.04	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	80.16%

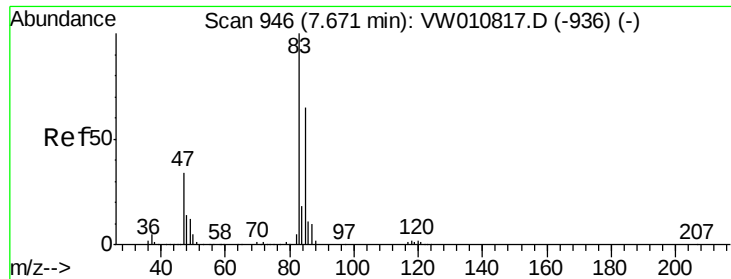
Target Compounds					Qvalue
25) Chloroform	7.68	83	44877	4.362 ug/L	97
36) Methylcyclohexane	9.27	83	27353	3.232 ug/L #	14
40) 1,2-Dichloropropane	9.27	63	13741	2.630 ug/L #	88
59) 1,2,3-Trichloropropane	13.56	75	19739	5.011 ug/L	92

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

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#25

Chloroform

Concen: 4.362 ug/L

RT: 7.68 min Scan# 947

Delta R.T. 0.01 min

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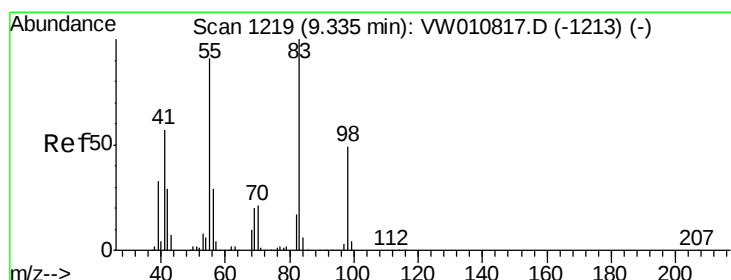
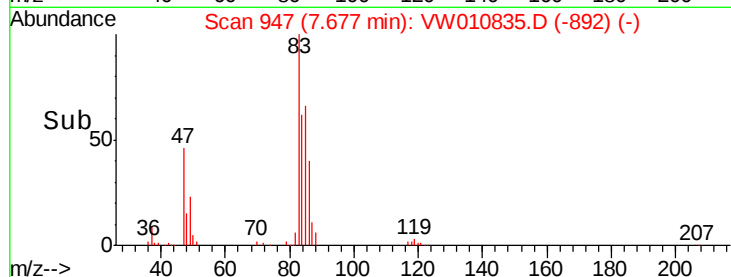
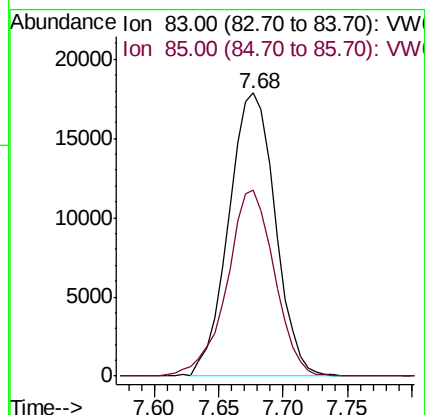
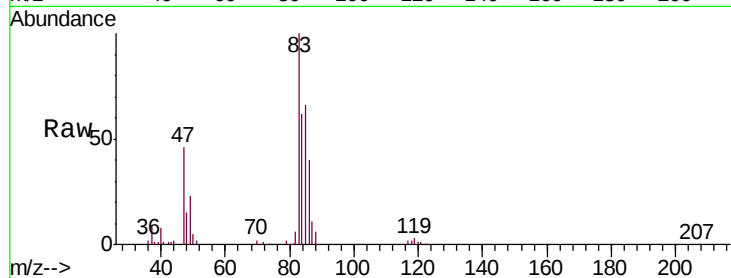
Acq: 17 Jun 2019 19:05

Tgt Ion: 83 Resp: 44877

Ion Ratio Lower Upper

83 100

85 66.9 45.4 84.4



#36

Methylcyclohexane

Concen: 3.232 ug/L

RT: 9.27 min Scan# 1209

Delta R.T. -0.06 min

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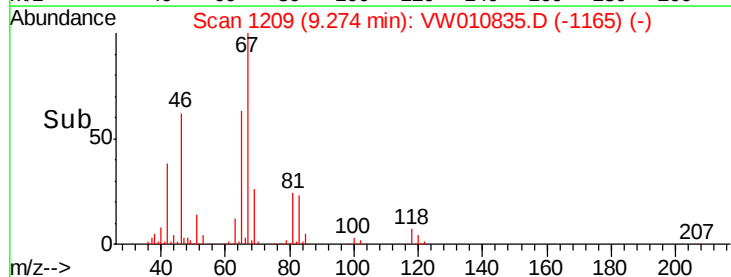
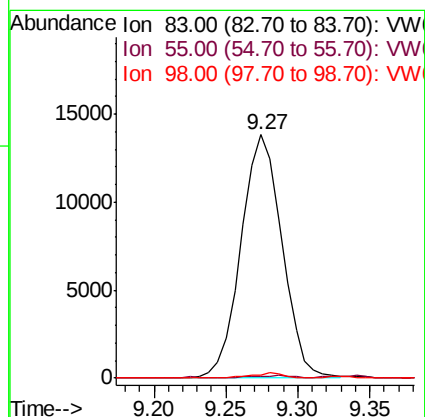
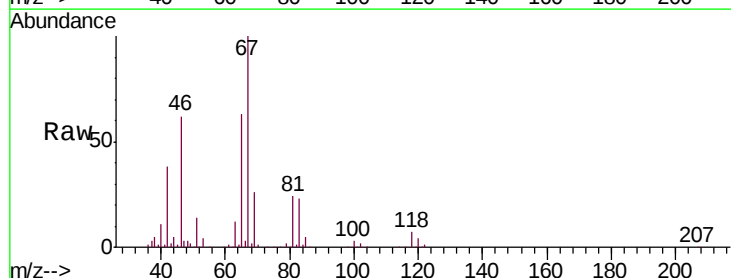
Tgt Ion: 83 Resp: 27353

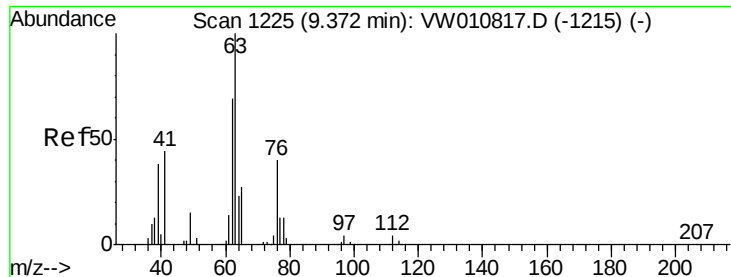
Ion Ratio Lower Upper

83 100

55 0.3 71.6 107.4#

98 1.7 38.2 57.2#





#40

1,2-Dichloropropane

Concen: 2.630 ug/L

RT: 9.27 min Scan# 1209

Delta R.T. -0.10 min

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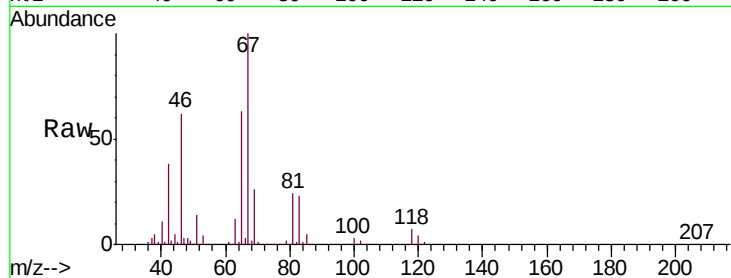
Acq: 17 Jun 2019 19:05

Tgt Ion: 63 Resp: 13741

Ion Ratio Lower Upper

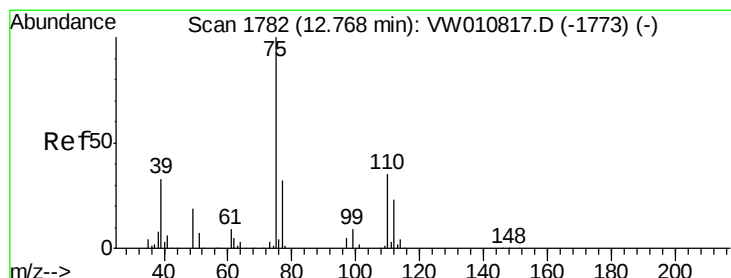
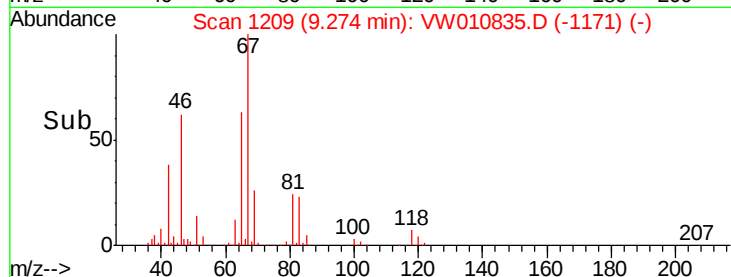
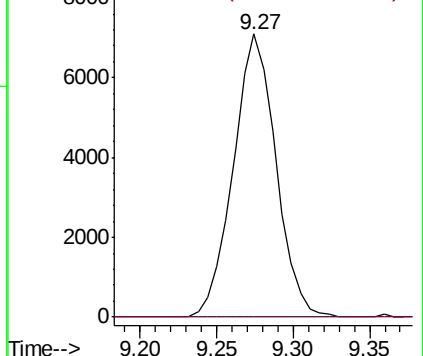
63 100

112 0.0 3.1 4.7#



Abundance Ion 63.00 (62.70 to 63.70): VW

Ion 112.00 (111.70 to 112.70): VW



#59

1,2,3-Trichloropropane

Concen: 5.011 ug/L

RT: 13.56 min Scan# 1912

Delta R.T. 0.79 min

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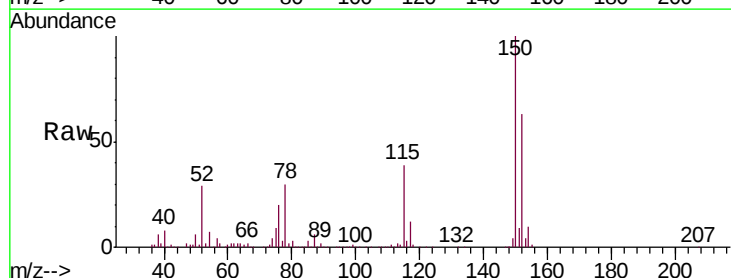
Acq: 17 Jun 2019 19:05

Tgt Ion: 75 Resp: 19739

Ion Ratio Lower Upper

75 100

77 36.6 25.6 38.4



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW

