

Data File : VW010819.D
Acq On : 17 Jun 2019 11:19
Operator : SY/VA
Sample : K3324-17
Misc : 6.03G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Jun 18 05:52:08 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	362602	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	327105	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	158598	25.00	ug/L	0.00

System Monitoring Compounds

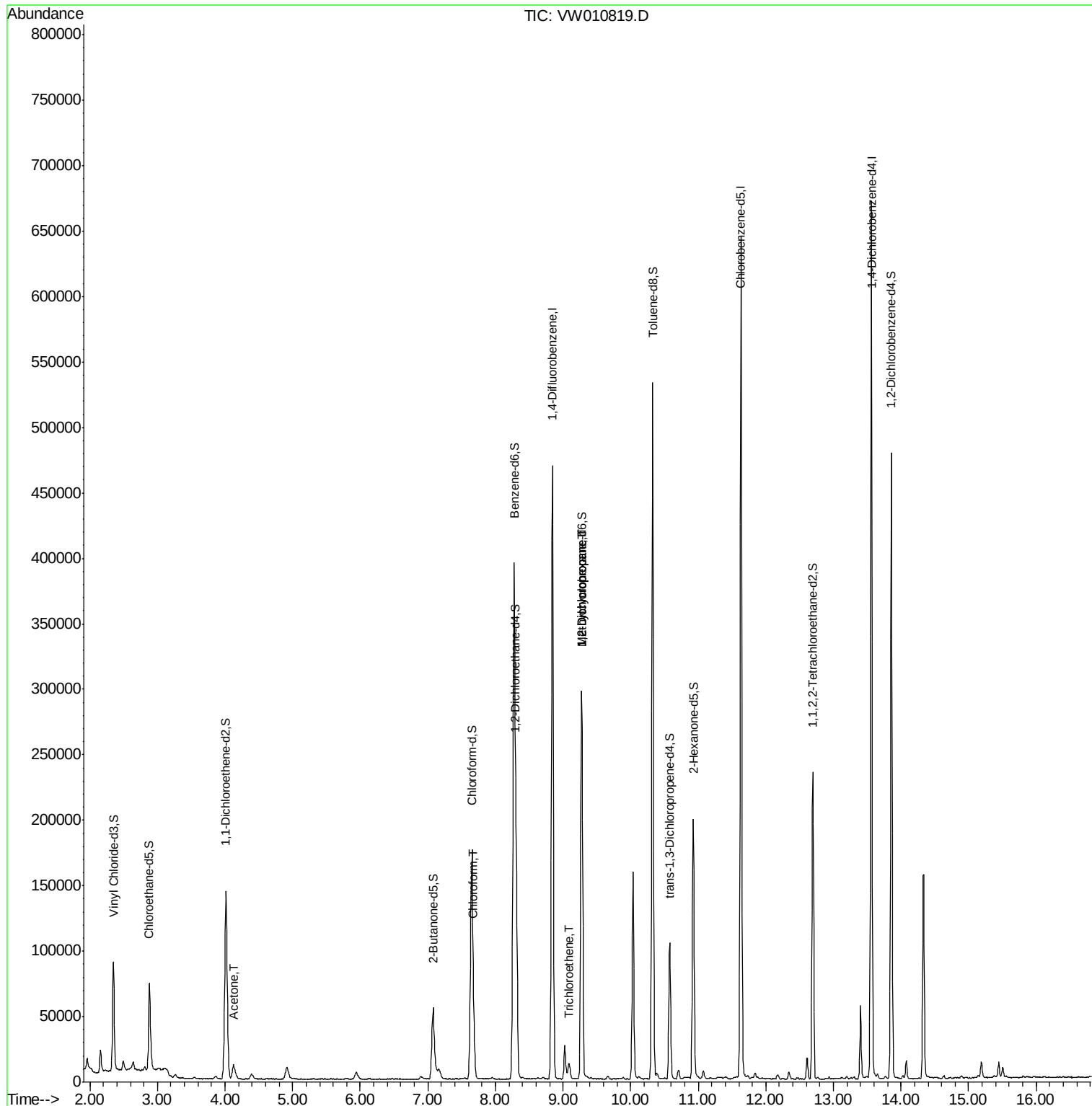
4) Vinyl Chloride-d3	2.35	65	83510	15.81	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	63.24%
7) Chloroethane-d5	2.88	69	73720	18.41	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	73.64%
10) 1,1-Dichloroethene-d2	4.01	63	145257	13.27	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	53.08%
20) 2-Butanone-d5	7.07	46	98547	47.56	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	95.12%
24) Chloroform-d	7.65	84	166546	22.34	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	89.36%
26) 1,2-Dichloroethane-d4	8.31	65	120924	19.92	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	79.68%
29) Benzene-d6	8.27	84	380994	19.51	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	78.04%
33) 1,2-Dichloropropane-d6	9.27	67	133490	21.30	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	85.20%
37) Toluene-d8	10.32	98	330508	18.83	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	75.32%
38) trans-1,3-Dichloropropene-	10.58	79	54576	19.45	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	77.80%
39) 2-Hexanone-d5	10.93	63	68146	45.52	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	91.04%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	113554	21.40	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	85.60%
61) 1,2-Dichlorobenzene-d4	13.86	152	119198	19.74	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	78.96%

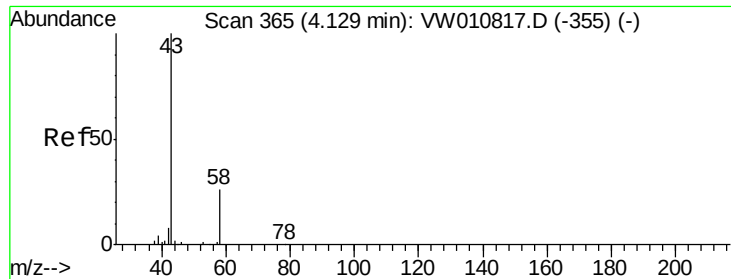
Target Compounds					Qvalue
13) Acetone	4.13	43	20015	8.991 ug/L	100
25) Chloroform	7.68	83	29444	2.612 ug/L	94
35) Trichloroethene	9.09	95	3308	0.642 ug/L	98
36) Methylcyclohexane	9.27	83	30486	3.356 ug/L #	15
40) 1,2-Dichloropropane	9.27	63	15173	2.706 ug/L #	88

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

Data File : VW010819.D
Acq On : 17 Jun 2019 11:19
Operator : SY/VA
Sample : K3324-17
Misc : 6.03G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Jun 18 05:52:08 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





#13

Acetone

Concen: 8.991 ug/L

RT: 4.13 min Scan# 365

Delta R.T. -0.00 min

Lab File: VW010819.D

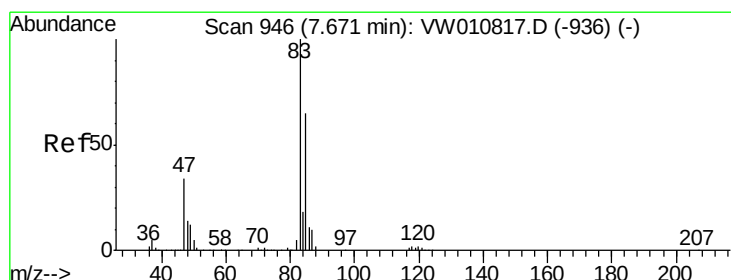
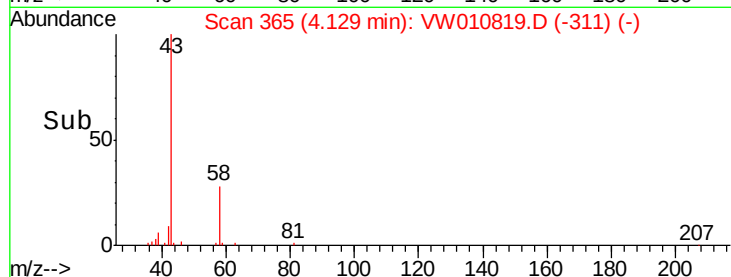
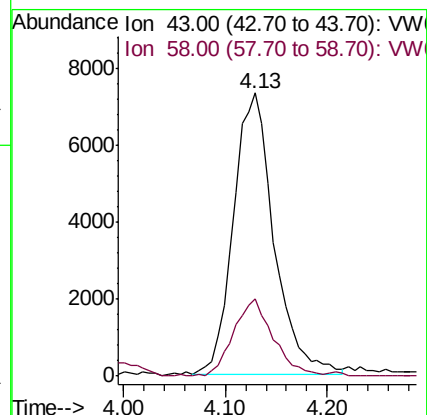
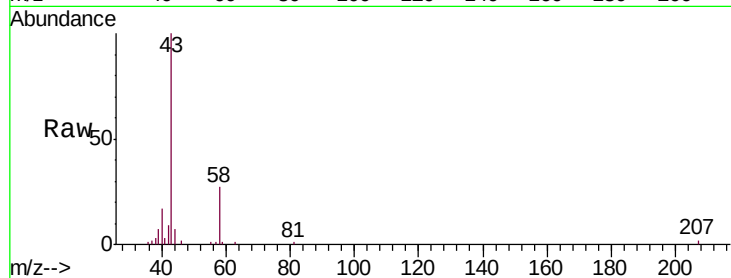
Acq: 17 Jun 2019 11:19

Tgt Ion: 43 Resp: 20015

Ion Ratio Lower Upper

43 100

58 27.1 0.0 54.6



#25

Chloroform

Concen: 2.612 ug/L

RT: 7.68 min Scan# 947

Delta R.T. 0.01 min

Lab File: VW010819.D

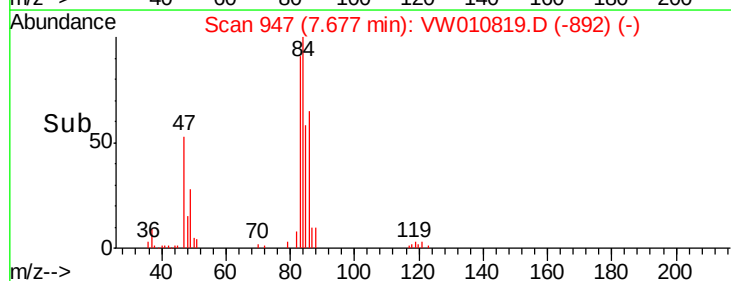
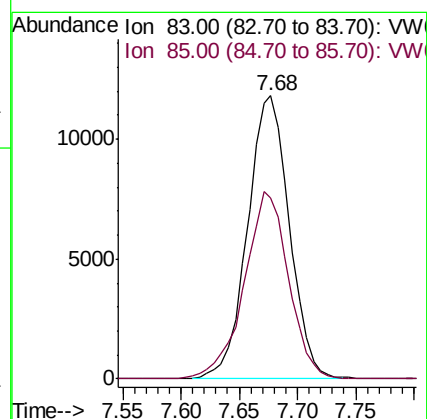
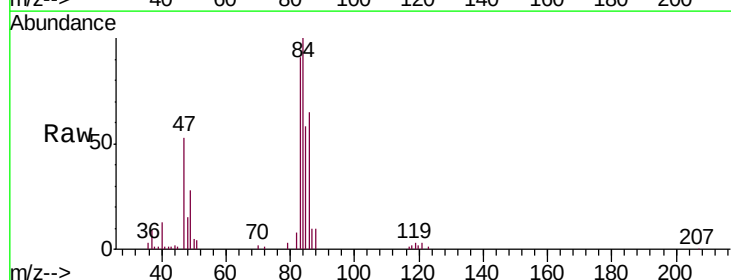
Acq: 17 Jun 2019 11:19

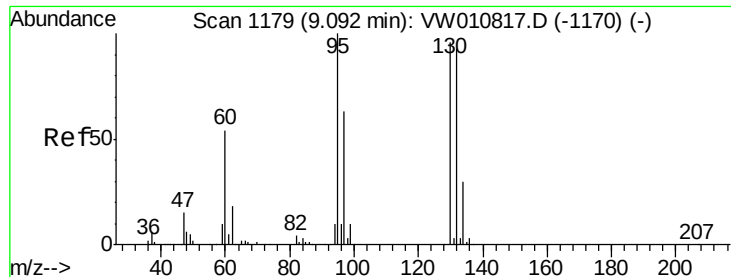
Tgt Ion: 83 Resp: 29444

Ion Ratio Lower Upper

83 100

85 69.9 45.4 84.4





#35

Trichloroethene

Concen: 0.642 ug/L

RT: 9.09 min Scan# 1179

Delta R.T. -0.00 min

Lab File: VW010819.D

Acq: 17 Jun 2019 11:19

Tgt Ion: 95 Resp: 3308

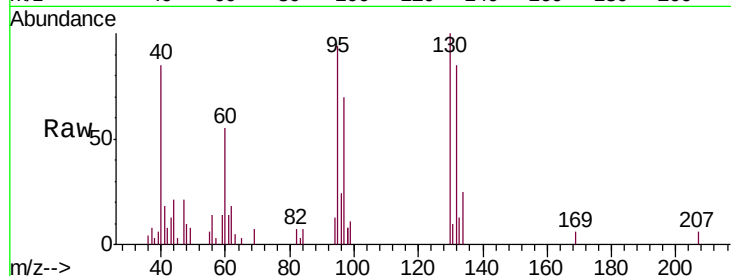
Ion Ratio Lower Upper

95 100

97 66.7 45.4 84.2

132 93.1 65.0 120.6

130 101.5 68.3 126.9

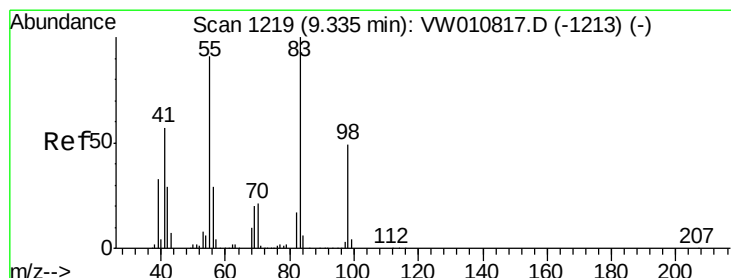
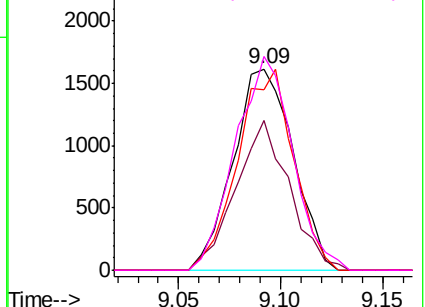
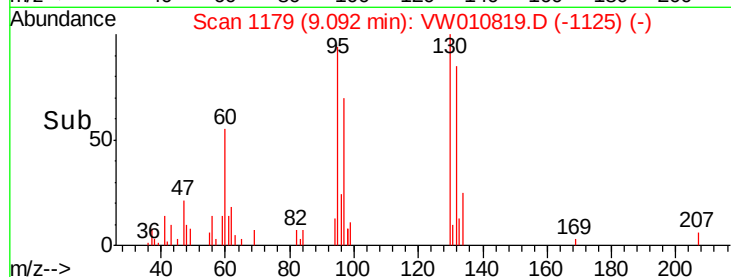


Abundance Ion 95.00 (94.70 to 95.70): VW

Ion 97.00 (96.70 to 97.70): VW

Ion 132.00 (131.70 to 132.70): VW

Ion 130.00 (129.70 to 130.70): VW



#36

Methylcyclohexane

Concen: 3.356 ug/L

RT: 9.27 min Scan# 1209

Delta R.T. -0.06 min

Lab File: VW010819.D

Acq: 17 Jun 2019 11:19

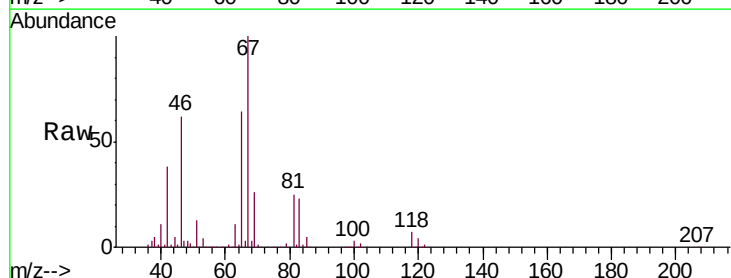
Tgt Ion: 83 Resp: 30486

Ion Ratio Lower Upper

83 100

55 1.7 71.6 107.4#

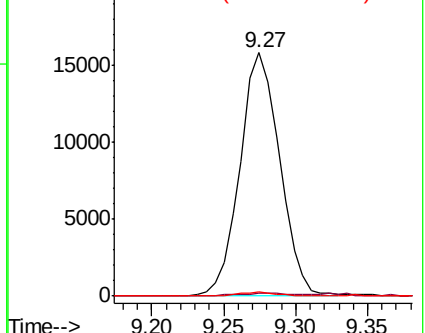
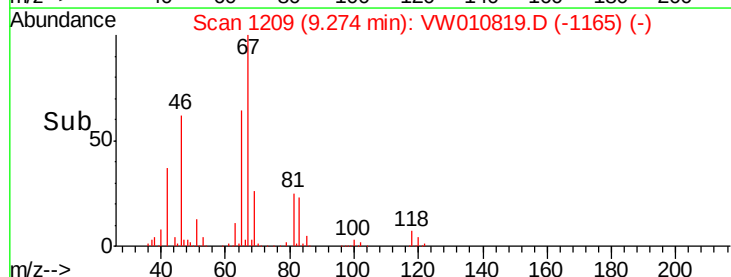
98 1.3 38.2 57.2#

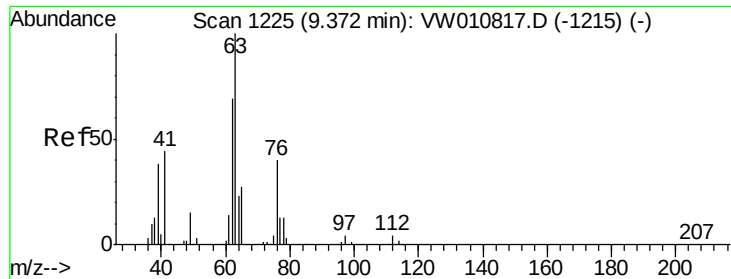


Abundance Ion 83.00 (82.70 to 83.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 98.00 (97.70 to 98.70): VW





#40

1,2-Dichloropropane

Concen: 2.706 ug/L

RT: 9.27 min Scan# 1209

Delta R.T. -0.10 min

Lab File: VW010819.D

Acq: 17 Jun 2019 11:19

Tgt Ion: 63 Resp: 15173

Ion Ratio Lower Upper

63 100

112 0.0 3.1 4.7#

