

Data File : VW010821.D
Acq On : 17 Jun 2019 12:12
Operator : SY/VA
Sample : K3324-19
Misc : 5.69G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Jun 18 05:52:20 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	307261	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	250571	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	92884	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	77010	17.21	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	68.84%
7) Chloroethane-d5	2.88	69	68975	20.33	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	81.32%
10) 1,1-Dichloroethene-d2	4.01	63	132671	14.30	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	57.20%
20) 2-Butanone-d5	7.08	46	95512	54.40	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	108.80%
24) Chloroform-d	7.65	84	159143	25.20	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	100.80%
26) 1,2-Dichloroethane-d4	8.30	65	113176	22.00	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	88.00%
29) Benzene-d6	8.27	84	352314	23.55	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	94.20%
33) 1,2-Dichloropropane-d6	9.27	67	124479	25.93	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	103.72%
37) Toluene-d8	10.32	98	285490	21.24	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	84.96%
38) trans-1,3-Dichloropropene-	10.58	79	45454	21.15	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	84.60%
39) 2-Hexanone-d5	10.93	63	64533	56.27	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	112.54%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	106084	26.09	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	104.36%
61) 1,2-Dichlorobenzene-d4	13.86	152	81848	23.15	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	92.60%

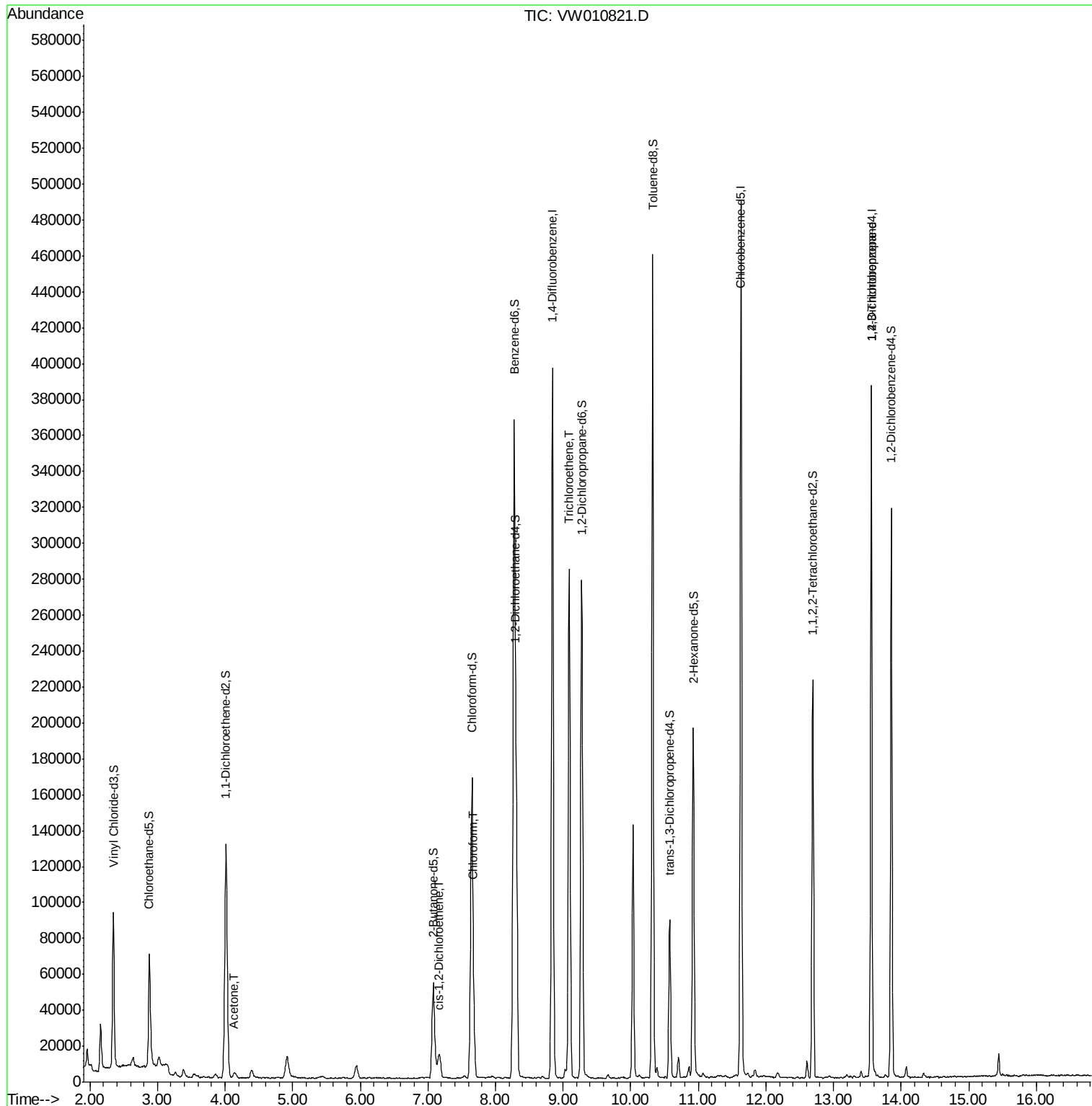
Target Compounds

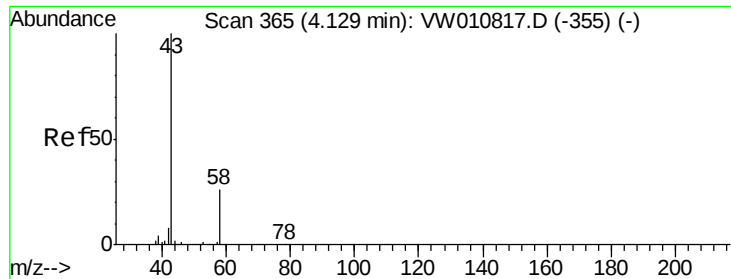
					Qvalue
13) Acetone	4.13	43	3580	1.898 ug/L	82
22) cis-1,2-Dichloroethene	7.17	96	6494	1.433 ug/L	94
25) Chloroform	7.68	83	22409	2.346 ug/L	91
35) Trichloroethene	9.09	95	98364	24.905 ug/L	97
59) 1,2,3-Trichloropropane	13.56	75	12393	3.826 ug/L	91

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

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#13

Acetone

Concen: 1.898 ug/L

RT: 4.13 min Scan# 365

Delta R.T. -0.00 min

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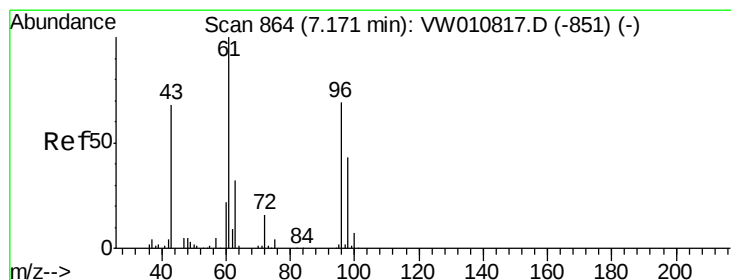
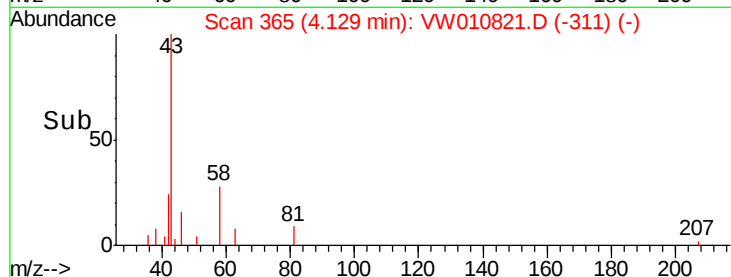
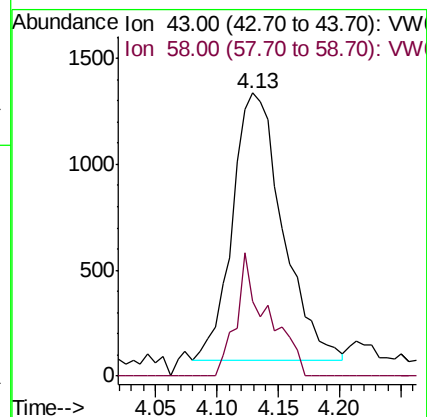
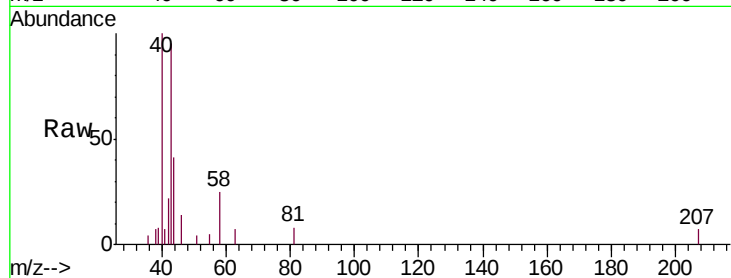
Acq: 17 Jun 2019 12:12

Tgt Ion: 43 Resp: 3580

Ion Ratio Lower Upper

43 100

58 17.9 0.0 54.6



#22

cis-1,2-Dichloroethene

Concen: 1.433 ug/L

RT: 7.17 min Scan# 864

Delta R.T. -0.00 min

Lab File: VW010821.D

Acq: 17 Jun 2019 12:12

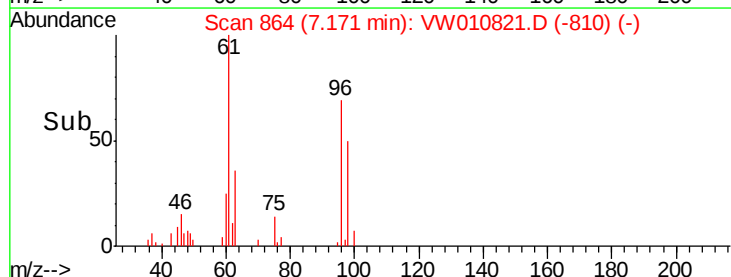
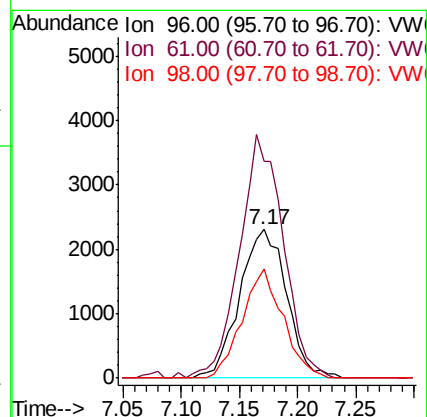
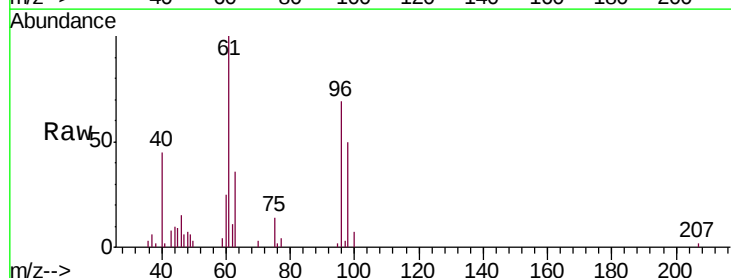
Tgt Ion: 96 Resp: 6494

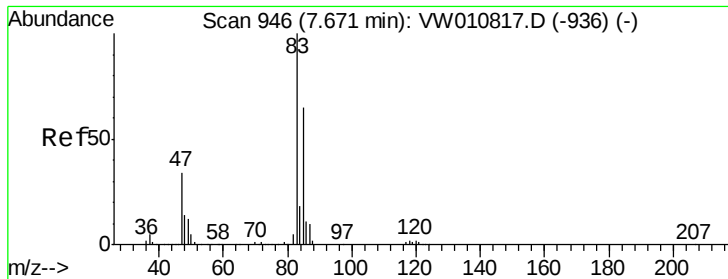
Ion Ratio Lower Upper

96 100

61 145.9 105.3 195.6

98 73.1 44.6 82.8





#25

Chloroform

Concen: 2.346 ug/L

RT: 7.68 min Scan# 947

Delta R.T. 0.01 min

Lab File: VW010821.D

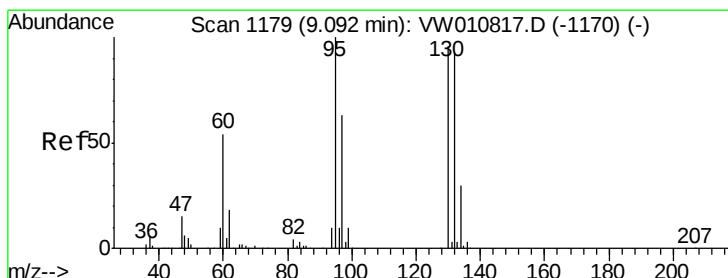
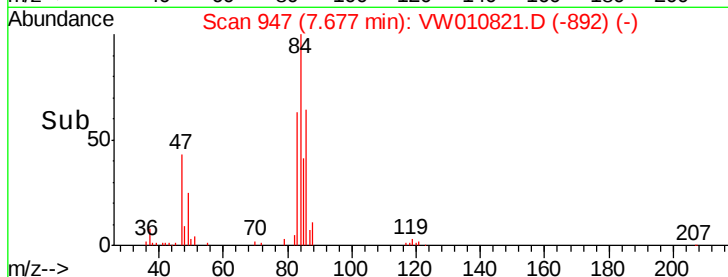
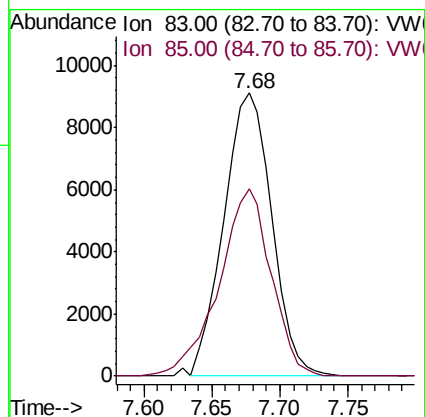
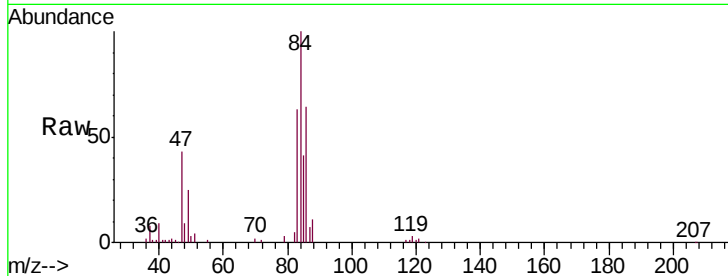
Acq: 17 Jun 2019 12:12

Tgt Ion: 83 Resp: 22409

Ion Ratio Lower Upper

83 100

85 71.7 45.4 84.4



#35

Trichloroethene

Concen: 24.905 ug/L

RT: 9.09 min Scan# 1179

Delta R.T. -0.00 min

Lab File: VW010821.D

Acq: 17 Jun 2019 12:12

Tgt Ion: 95 Resp: 98364

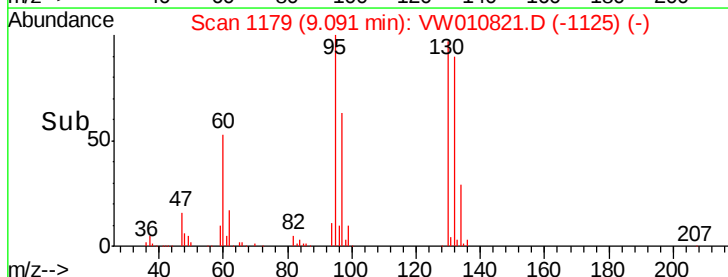
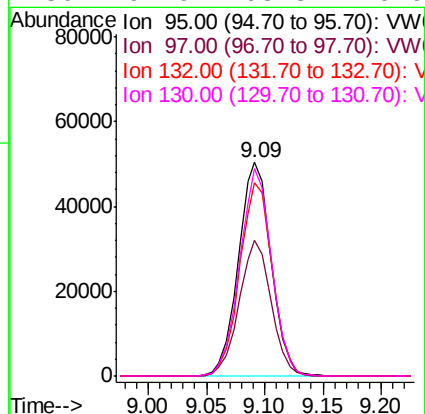
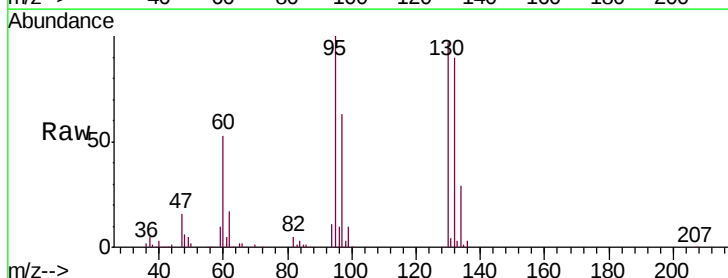
Ion Ratio Lower Upper

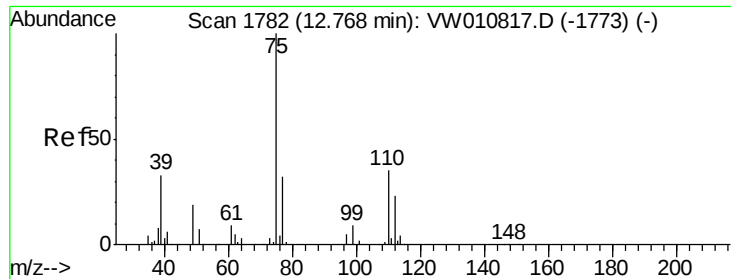
95 100

97 62.2 45.4 84.2

132 90.5 65.0 120.6

130 94.9 68.3 126.9





#59

1,2,3-Trichloropropane

Concen: 3.826 ug/L

RT: 13.56 min Scan# 1912

Delta R.T. 0.79 min

Lab File: VW010821.D

Acq: 17 Jun 2019 12:12

Tgt Ion: 75 Resp: 12393

Ion Ratio Lower Upper

75 100

77 37.3 25.6 38.4

