

Data File : VW010944.D
Acq On : 24 Jun 2019 21:43
Operator : SY/VA
Sample : K3456-12
Misc : 3.56G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
YANT6

Quant Time: Jun 25 02:50:30 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM062419S.M
Quant Title : VOC Analysis
QLast Update : Tue Jun 25 02:43:13 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	122117	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	161479	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	80834	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	8105	5.12	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	20.48%#
7) Chloroethane-d5	2.89	69	12782	10.48	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	41.92%
10) 1,1-Dichloroethene-d2	4.02	63	19983	5.34	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	21.36%#
20) 2-Butanone-d5	7.09	46	125	0.17	ug/L	0.02
Spiked Amount	50.000	Range	20 - 135	Recovery	=	0.34%#
24) Chloroform-d	7.65	84	95299	28.94	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	115.76%
26) 1,2-Dichloroethane-d4	8.31	65	102197	50.06	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	200.24%#
29) Benzene-d6	8.27	84	160543	16.56	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	66.24%
33) 1,2-Dichloropropane-d6	9.27	67	84319	26.32	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	105.28%
37) Toluene-d8	10.32	98	143456	16.40	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	65.60%
38) trans-1,3-Dichloropropene-	10.58	79	28413	20.04	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	80.16%
39) 2-Hexanone-d5	11.06	63	42	0.06	ug/L	0.13
Spiked Amount	50.000	Range	20 - 135	Recovery	=	0.12%#
48) 1,1,2,2-Tetrachloroethane-	12.69	84	104996	39.77	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	159.08%#
61) 1,2-Dichlorobenzene-d4	13.86	152	83544	27.38	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	109.52%

Target Compounds

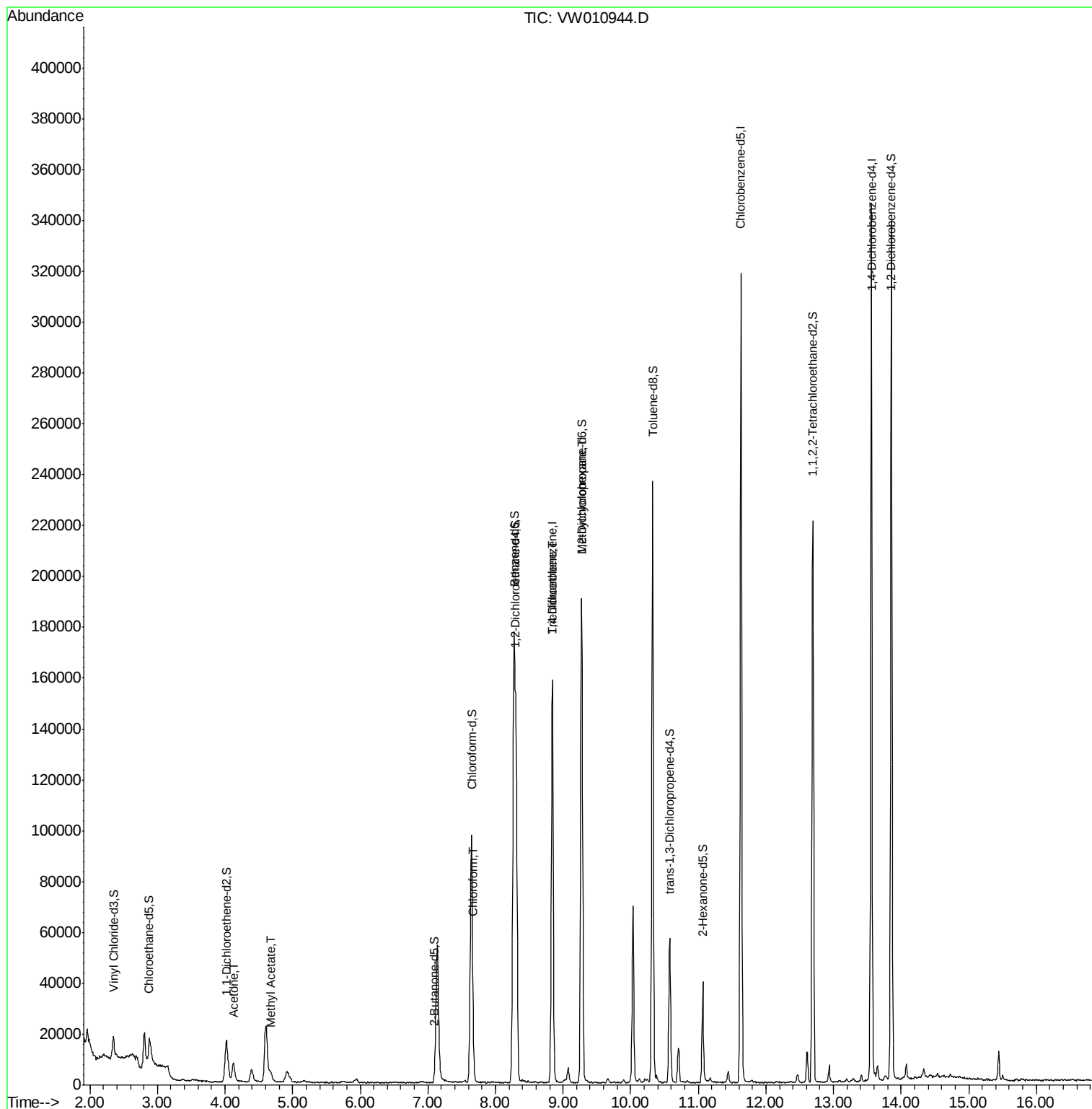
					Qvalue
13) Acetone	4.12	43	14807	20.801	ug/L 100
15) Methyl Acetate	4.68	43	7415	6.018	ug/L # 89
25) Chloroform	7.67	83	2099	0.652	ug/L # 17
35) Trichloroethene	8.84	95	3875	1.440	ug/L # 7
36) Methylcyclohexane	9.27	83	19074	3.862	ug/L # 15

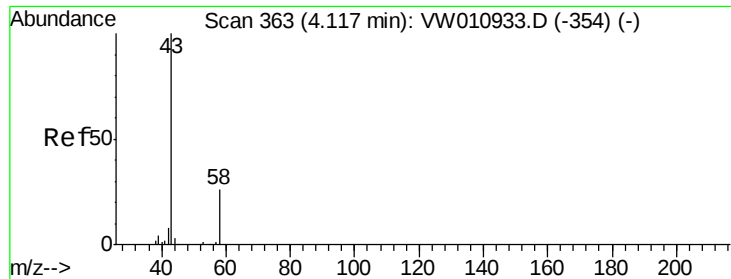
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 20.801 ug/L

RT: 4.12 min Scan# 364

Delta R.T. 0.01 min

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Instrument :

MSVOA_W

ClientSampleId :

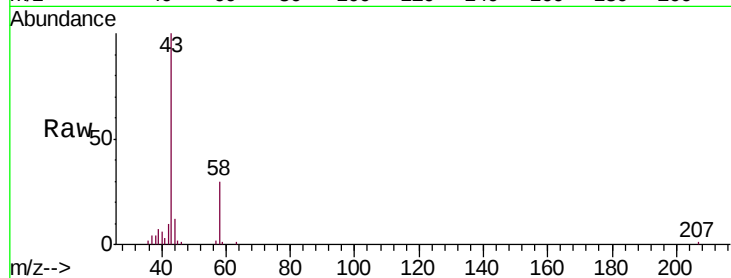
YANT6

Tgt Ion: 43 Resp: 14807

Ion Ratio Lower Upper

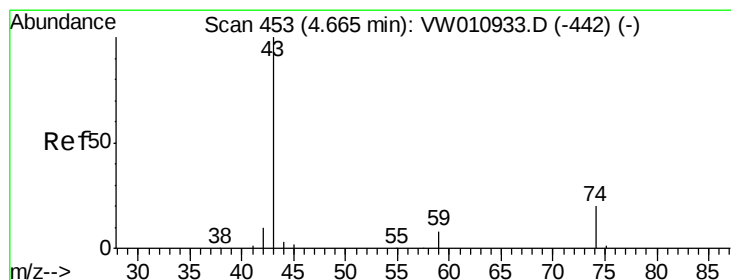
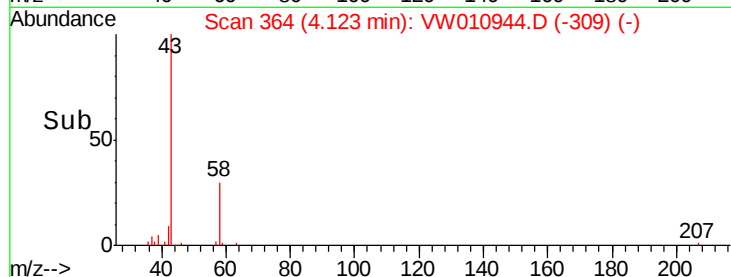
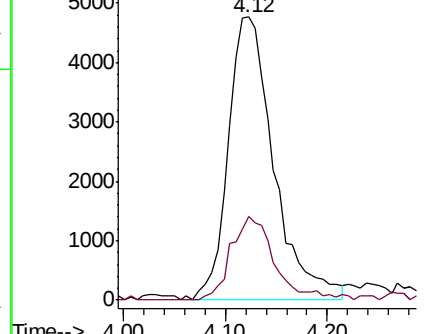
43 100

58 26.4 0.0 53.2



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#15

Methyl Acetate

Concen: 6.018 ug/L

RT: 4.68 min Scan# 455

Delta R.T. 0.01 min

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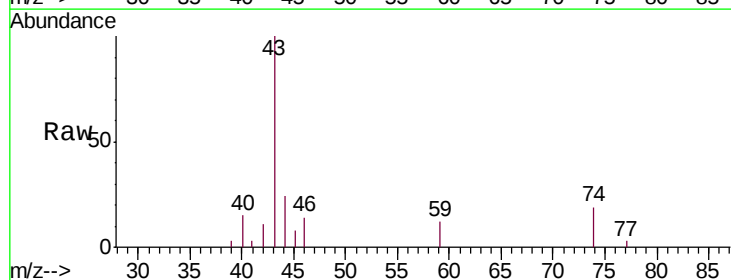
Acq: 24 Jun 2019 21:43

Tgt Ion: 43 Resp: 7415

Ion Ratio Lower Upper

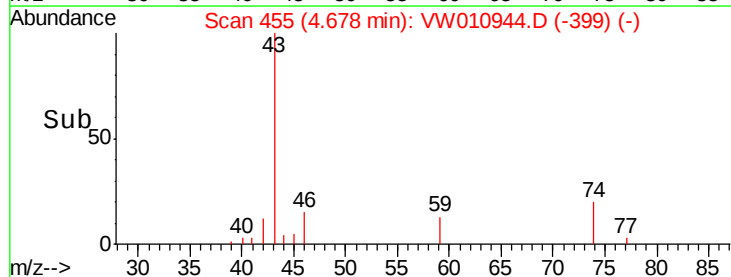
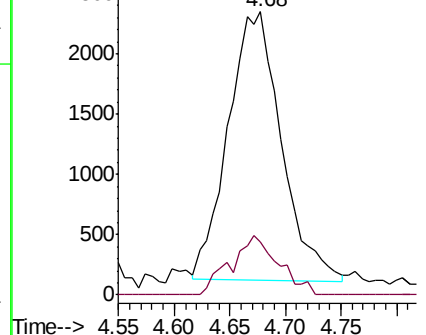
43 100

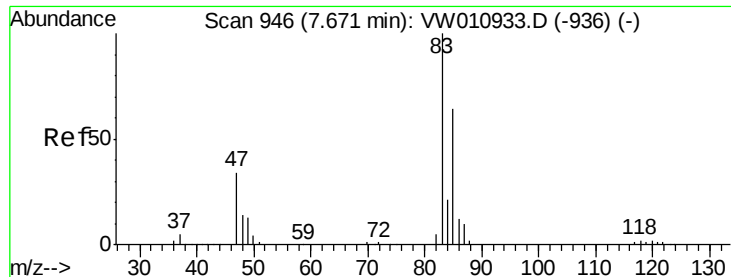
74 14.3 15.3 22.9#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 74.00 (73.70 to 74.70): VW





#25

Chloroform

Concen: 0.652 ug/L

RT: 7.67 min Scan# 946

Delta R.T. 0.00 min

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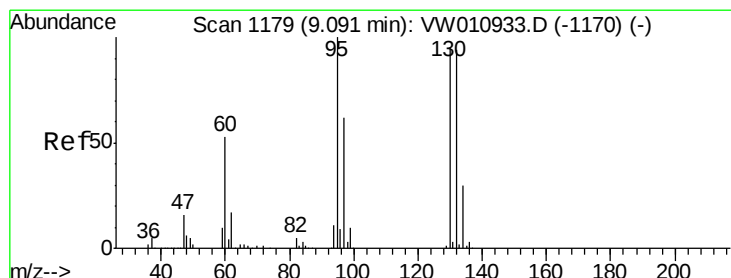
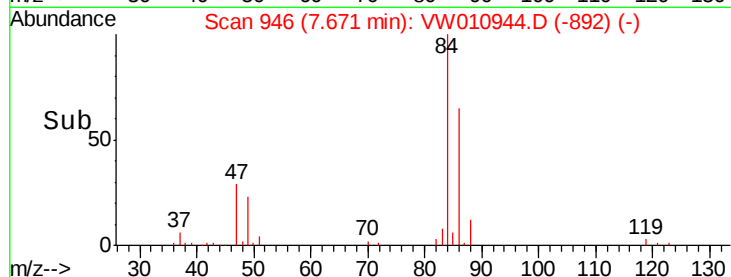
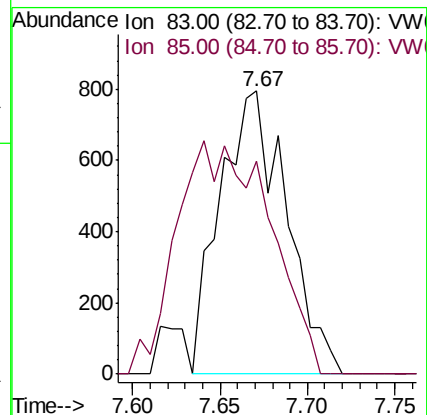
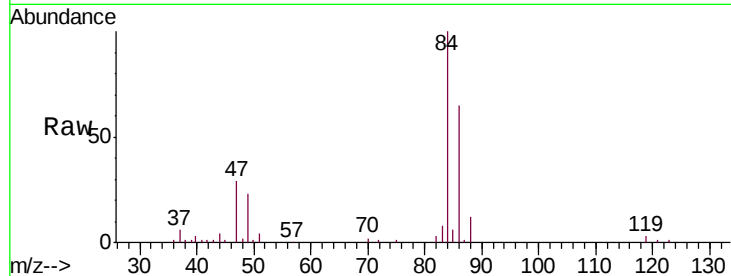
YANT6

Tgt Ion: 83 Resp: 2099

Ion Ratio Lower Upper

83 100

85 0.0 45.6 84.8#



#35

Trichloroethene

Concen: 1.440 ug/L

RT: 8.84 min Scan# 1138

Delta R.T. -0.25 min

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Tgt Ion: 95 Resp: 3875

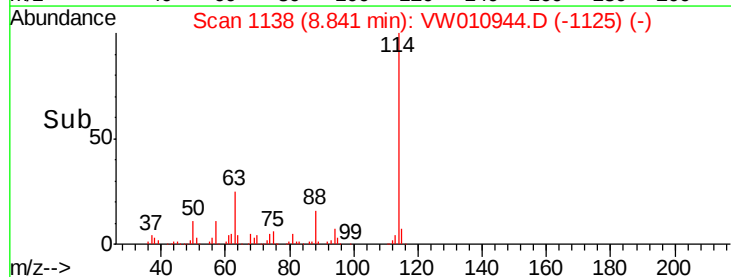
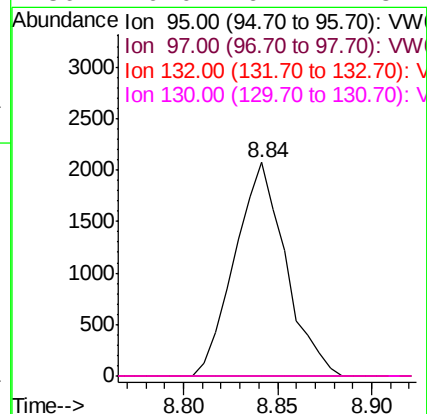
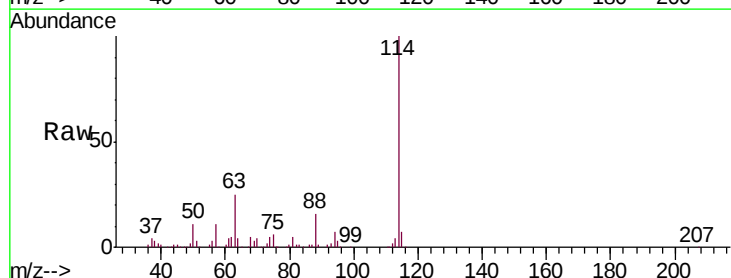
Ion Ratio Lower Upper

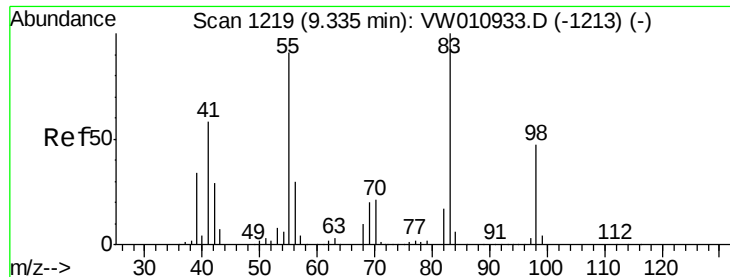
95 100

97 0.0 44.9 83.3#

132 0.0 64.0 119.0#

130 0.0 67.4 125.2#





#36
Methylcyclohexane
Concen: 3.862 ug/L
RT: 9.27 min Scan# 1209
Delta R.T. -0.06 min
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Instrument :
MSVOA_W
ClientSampleId :
YANT6

Tgt Ion: 83 Resp: 19074
Ion Ratio Lower Upper
83 100
55 1.1 72.2 108.2#
98 1.5 37.8 56.8#

