

Data File : VW011008.D
Acq On : 26 Jun 2019 16:53
Operator : SY/VA
Sample : K3461-02
Misc : 5.70G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
YANZ1

Quant Time: Jun 27 07:34:49 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM062419S.M
Quant Title : VOC Analysis
QLast Update : Thu Jun 27 07:30:59 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	283487	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	246986	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	100808	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	84588	23.02	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	92.08%
7) Chloroethane-d5	2.88	69	63209	22.31	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	89.24%
10) 1,1-Dichloroethene-d2	4.01	63	144262	16.61	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	66.44%
20) 2-Butanone-d5	7.07	46	115671	67.03	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	134.06%
24) Chloroform-d	7.65	84	192919	25.23	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	100.92%
26) 1,2-Dichloroethane-d4	8.31	65	133441	28.16	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	112.64%
29) Benzene-d6	8.27	84	389726	26.28	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	105.12%
33) 1,2-Dichloropropane-d6	9.27	67	136537	27.87	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	111.48%
37) Toluene-d8	10.32	98	335011	25.04	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	100.16%
38) trans-1,3-Dichloropropene-	10.58	79	50913	23.48	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	93.92%
39) 2-Hexanone-d5	10.93	63	75465	68.53	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	137.06%#
48) 1,1,2,2-Tetrachloroethane-	12.69	84	122300	30.28	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	121.12%#
61) 1,2-Dichlorobenzene-d4	13.85	152	102360	26.90	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	107.60%

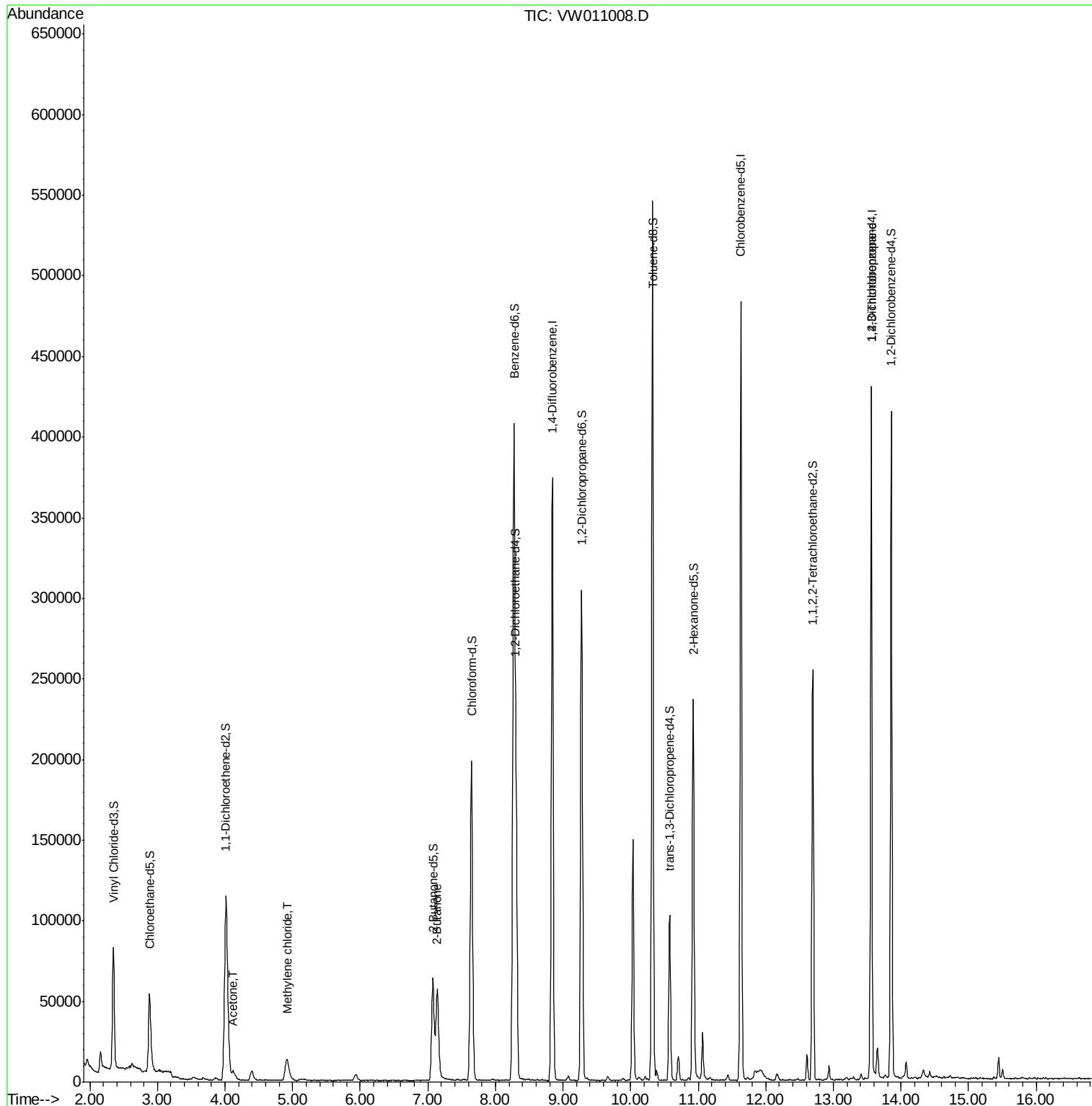
Target Compounds					Qvalue
13) Acetone	4.12	43	7758	4.695 ug/L	98
16) Methylene chloride	4.92	84	11253	2.680 ug/L	94
21) 2-Butanone	7.14	43	6238	2.870 ug/L #	66
59) 1,2,3-Trichloropropane	13.56	75	13508	4.346 ug/L	89

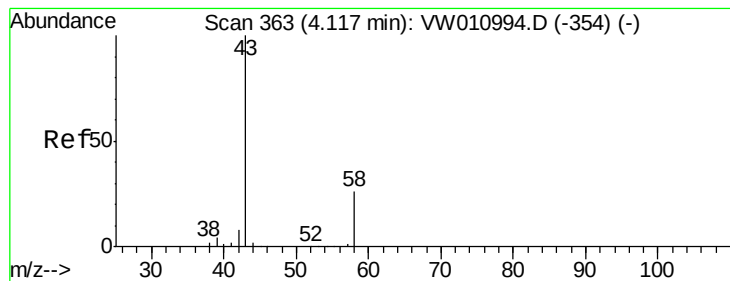
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 4.695 ug/L

RT: 4.12 min Scan# 363

Delta R.T. 0.00 min

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Instrument :

MSVOA_W

ClientSampleId :

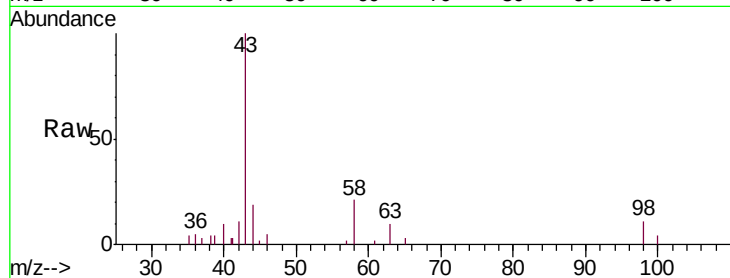
YANZ1

Tgt Ion: 43 Resp: 7758

Ion Ratio Lower Upper

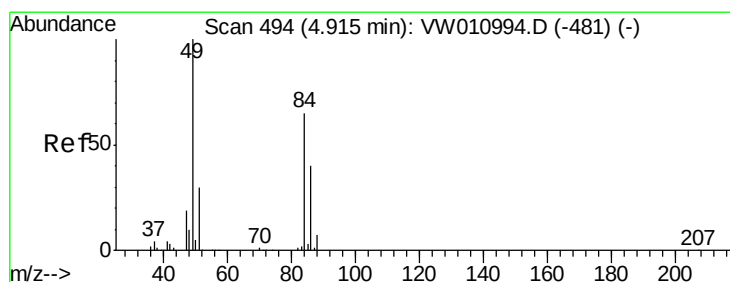
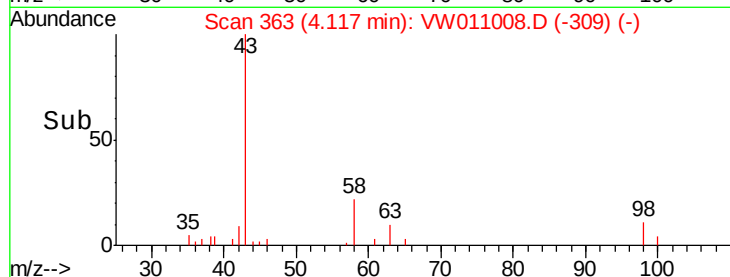
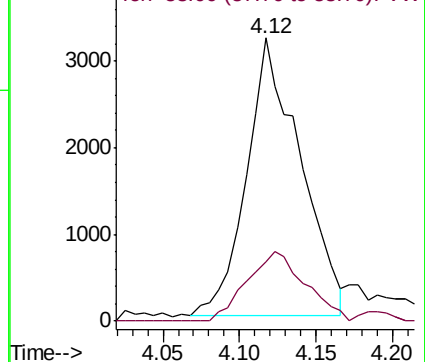
43 100

58 27.6 0.0 53.2



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#16

Methylene chloride

Concen: 2.680 ug/L

RT: 4.92 min Scan# 494

Delta R.T. 0.00 min

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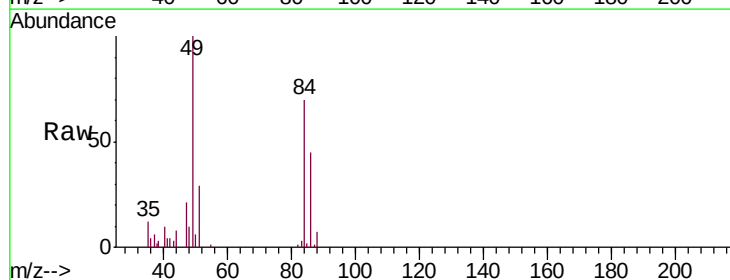
Tgt Ion: 84 Resp: 11253

Ion Ratio Lower Upper

84 100

49 143.0 107.0 198.8

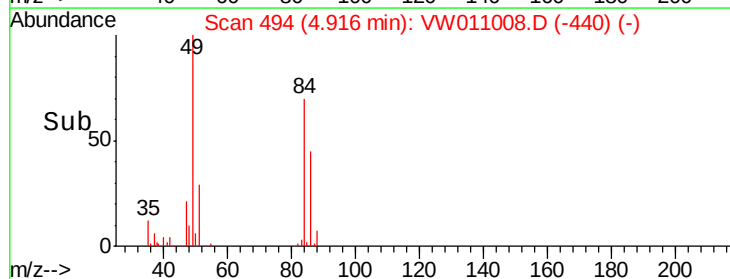
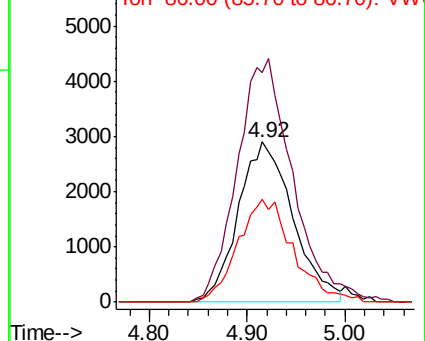
86 63.8 44.4 82.5

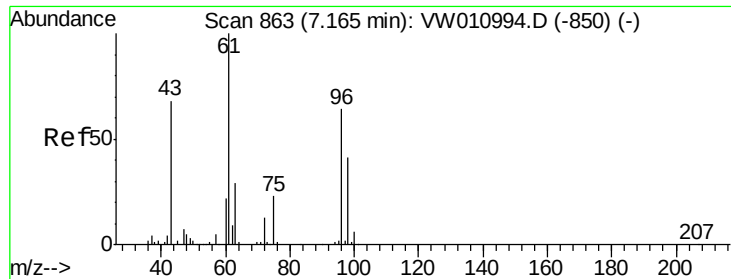


Abundance Ion 84.00 (83.70 to 84.70): VW

Ion 49.00 (48.70 to 49.70): VW

Ion 86.00 (85.70 to 86.70): VW





#21

2-Butanone

Concen: 2.870 ug/L

RT: 7.14 min Scan# 859

Delta R.T. -0.02 min

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Instrument :

MSVOA_W

ClientSampled :

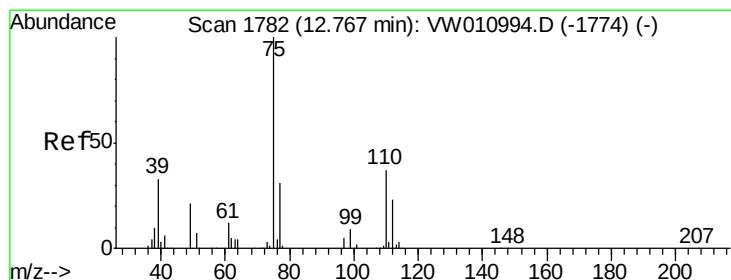
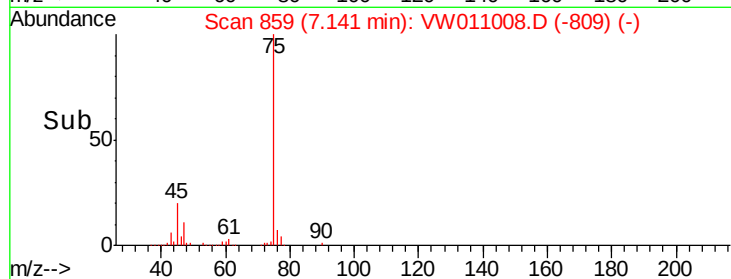
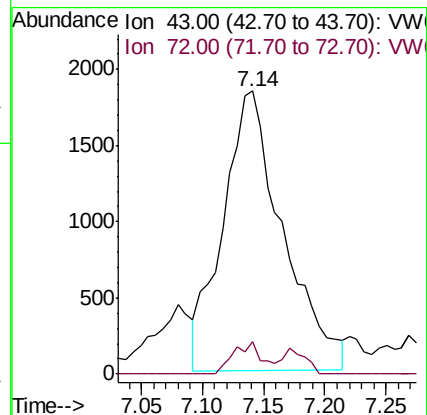
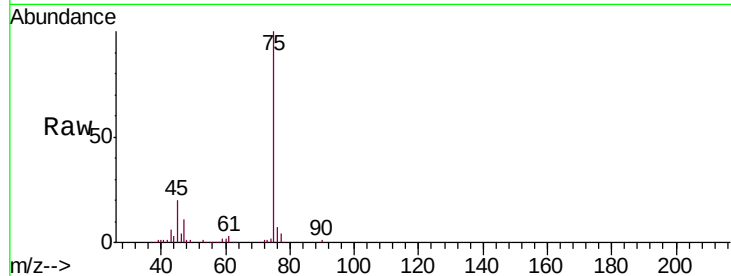
YANZ1

Tgt Ion: 43 Resp: 6238

Ion Ratio Lower Upper

43 100

72 5.6 10.9 32.6#



#59

1,2,3-Trichloropropane

Concen: 4.346 ug/L

RT: 13.56 min Scan# 1912

Delta R.T. 0.79 min

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Acq: 26 Jun 2019 16:53

Tgt Ion: 75 Resp: 13508

Ion Ratio Lower Upper

75 100

77 37.7 25.2 37.8

