

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW103019\
 Data File : VW013841.D
 Acq On : 30 Oct 2019 16:52
 Operator : SY/VA
 Sample : K5596-03
 Misc : 4.72G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 GAQA4

Quant Time: Nov 12 02:51:10 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM101819S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Oct 31 05:29:18 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	250310	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	230478	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	103531	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	83126	27.07	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	108.28%
7) Chloroethane-d5	2.89	69	65311	22.78	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	91.12%
10) 1,1-Dichloroethene-d2	4.03	63	121786	17.95	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	71.80%
20) 2-Butanone-d5	7.07	46	80927	73.68	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	147.36%#
24) Chloroform-d	7.65	84	174096	24.86	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	99.44%
26) 1,2-Dichloroethane-d4	8.31	65	103748	28.33	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	113.32%
29) Benzene-d6	8.27	84	355918	25.70	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	102.80%
33) 1,2-Dichloropropane-d6	9.27	67	113123	27.35	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	109.40%
37) Toluene-d8	10.32	98	313918	24.58	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	98.32%
38) trans-1,3-Dichloropropene-	10.58	79	51630	27.67	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	110.68%
39) 2-Hexanone-d5	10.92	63	66519	84.14	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	168.28%#
48) 1,1,2,2-Tetrachloroethane-	12.69	84	114191	33.71	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	134.84%#
61) 1,2-Dichlorobenzene-d4	13.85	152	90365	24.70	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	98.80%

Target Compounds

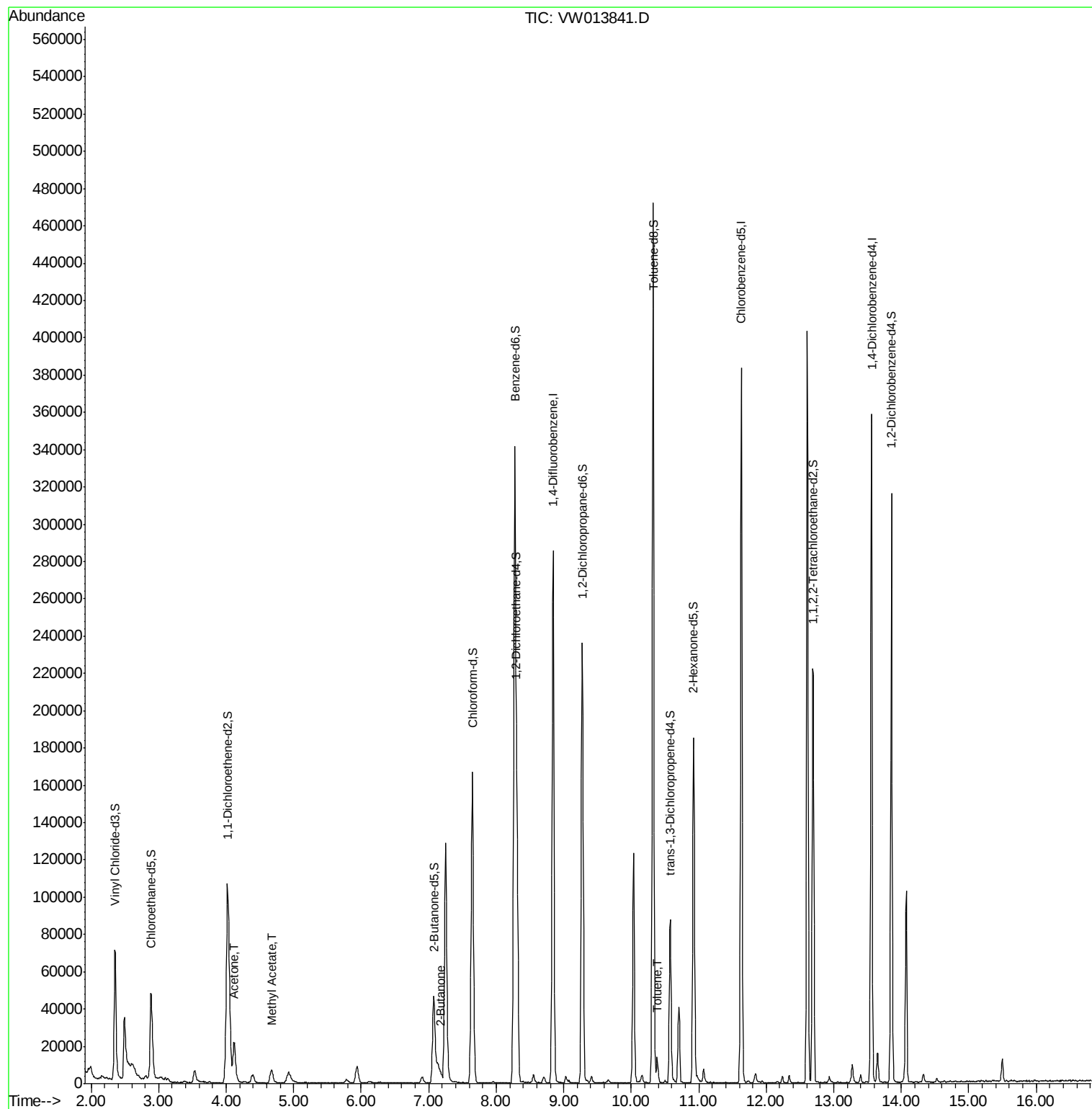
					Qvalue
13) Acetone	4.12	43	36840	30.219 ug/L	97
15) Methyl Acetate	4.67	43	13848	6.952 ug/L #	88
21) 2-Butanone	7.18	43	7581	4.898 ug/L	75
44) Toluene	10.39	91	9820	0.553 ug/L	98

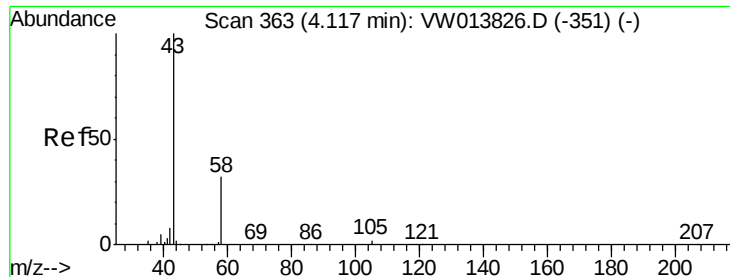
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 30.219 ug/L

RT: 4.12 min Scan# 364

Delta R.T. 0.01 min

Lab File: VW013841.D

Acq: 30 Oct 2019 16:52

Instrument :

MSVOA_W

ClientSampled :

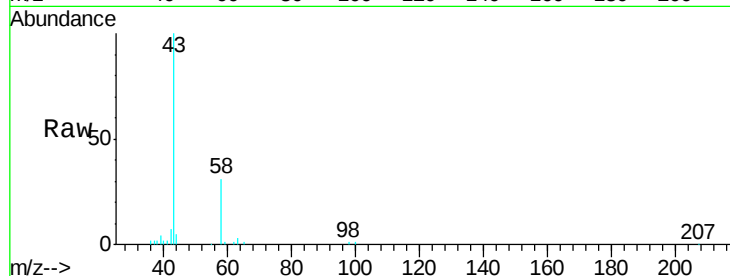
GAQA4

Tgt Ion: 43 Resp: 36840

Ion Ratio Lower Upper

43 100

58 33.6 0.0 70.4



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

15000

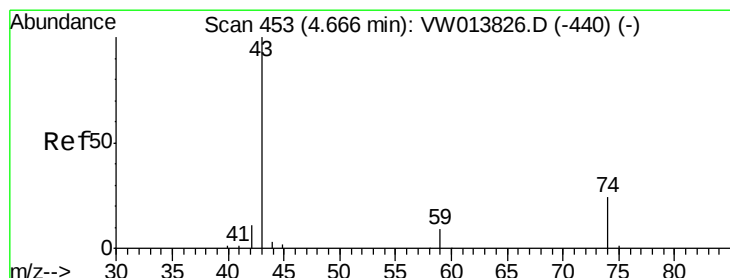
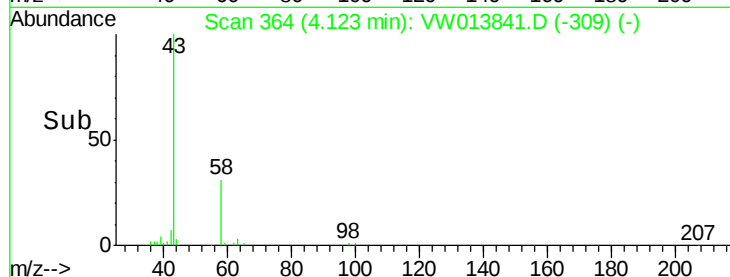
10000

5000

0

4.00 4.10 4.20

Time-->



#15

Methyl Acetate

Concen: 6.952 ug/L

RT: 4.67 min Scan# 454

Delta R.T. 0.01 min

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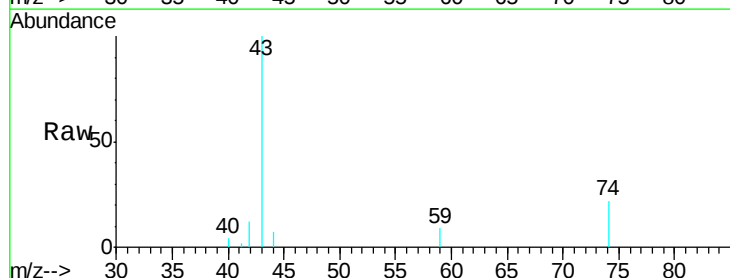
Acq: 30 Oct 2019 16:52

Tgt Ion: 43 Resp: 13848

Ion Ratio Lower Upper

43 100

74 18.0 19.2 28.8#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 74.00 (73.70 to 74.70): VW

5000

4000

3000

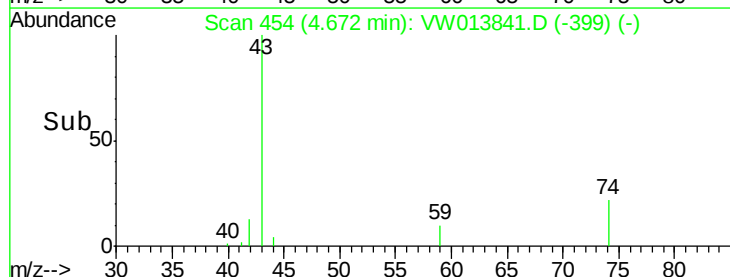
2000

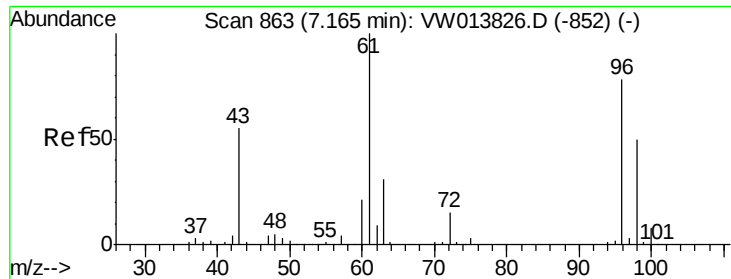
1000

0

4.60 4.70 4.80

Time-->





#21

2-Butanone

Concen: 4.898 ug/L

RT: 7.18 min Scan# 865

Delta R.T. 0.01 min

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Acq: 30 Oct 2019 16:52

Instrument :

MSVOA_W

ClientSampleId :

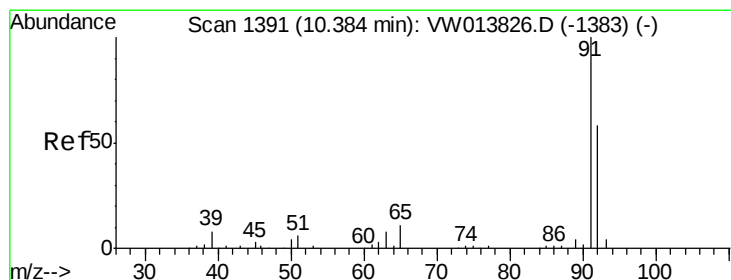
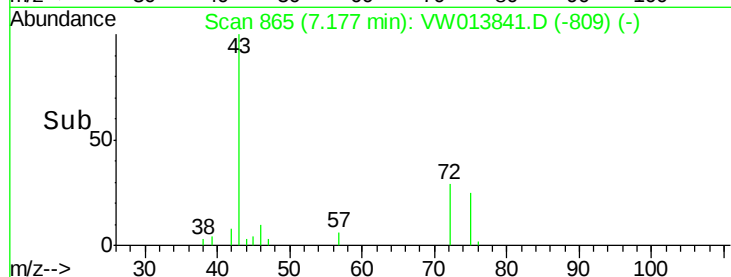
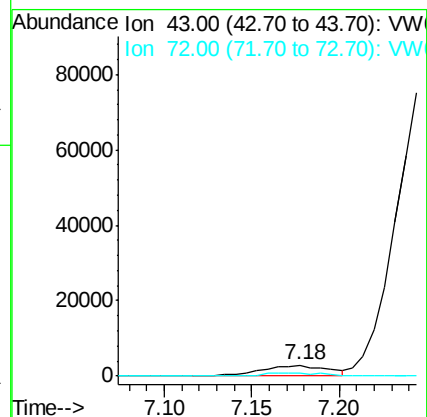
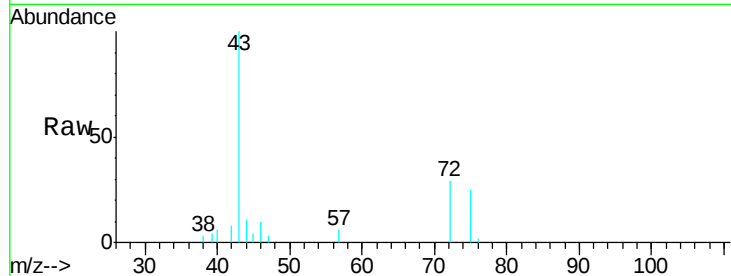
GAQA4

Tgt Ion: 43 Resp: 7581

Ion Ratio Lower Upper

43 100

72 14.2 13.7 41.1



#44

Toluene

Concen: 0.553 ug/L

RT: 10.39 min Scan# 1392

Delta R.T. 0.01 min

Lab File: VW013841.D

Acq: 30 Oct 2019 16:52

Tgt Ion: 91 Resp: 9820

Ion Ratio Lower Upper

91 100

92 58.6 42.0 78.0

