

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW102919\
 Data File : VW013821.D
 Acq On : 30 Oct 2019 04:16
 Operator : SY/VA
 Sample : K5549-17
 Misc : 5.94G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 GAQ70

Quant Time: Oct 30 08:11:23 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM101819S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Oct 30 08:16:17 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	281234	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	255253	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	109447	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	92034	26.67	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	106.68%
7) Chloroethane-d5	2.89	69	74269	23.06	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	92.24%
10) 1,1-Dichloroethene-d2	4.02	63	138420	18.16	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	72.64%
20) 2-Butanone-d5	7.07	46	84145	68.18	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	136.36%#
24) Chloroform-d	7.65	84	203053	25.80	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	103.20%
26) 1,2-Dichloroethane-d4	8.30	65	119567	29.06	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	116.24%
29) Benzene-d6	8.27	84	414250	27.01	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	108.04%
33) 1,2-Dichloropropane-d6	9.27	67	132918	29.02	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	116.08%
37) Toluene-d8	10.32	98	366511	25.91	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	103.64%
38) trans-1,3-Dichloropropene-	10.57	79	55365	26.80	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	107.20%
39) 2-Hexanone-d5	10.93	63	70481	80.50	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	161.00%#
48) 1,1,2,2-Tetrachloroethane-	12.69	84	125879	33.56	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	134.24%#
61) 1,2-Dichlorobenzene-d4	13.85	152	104431	27.00	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	108.00%

Target Compounds

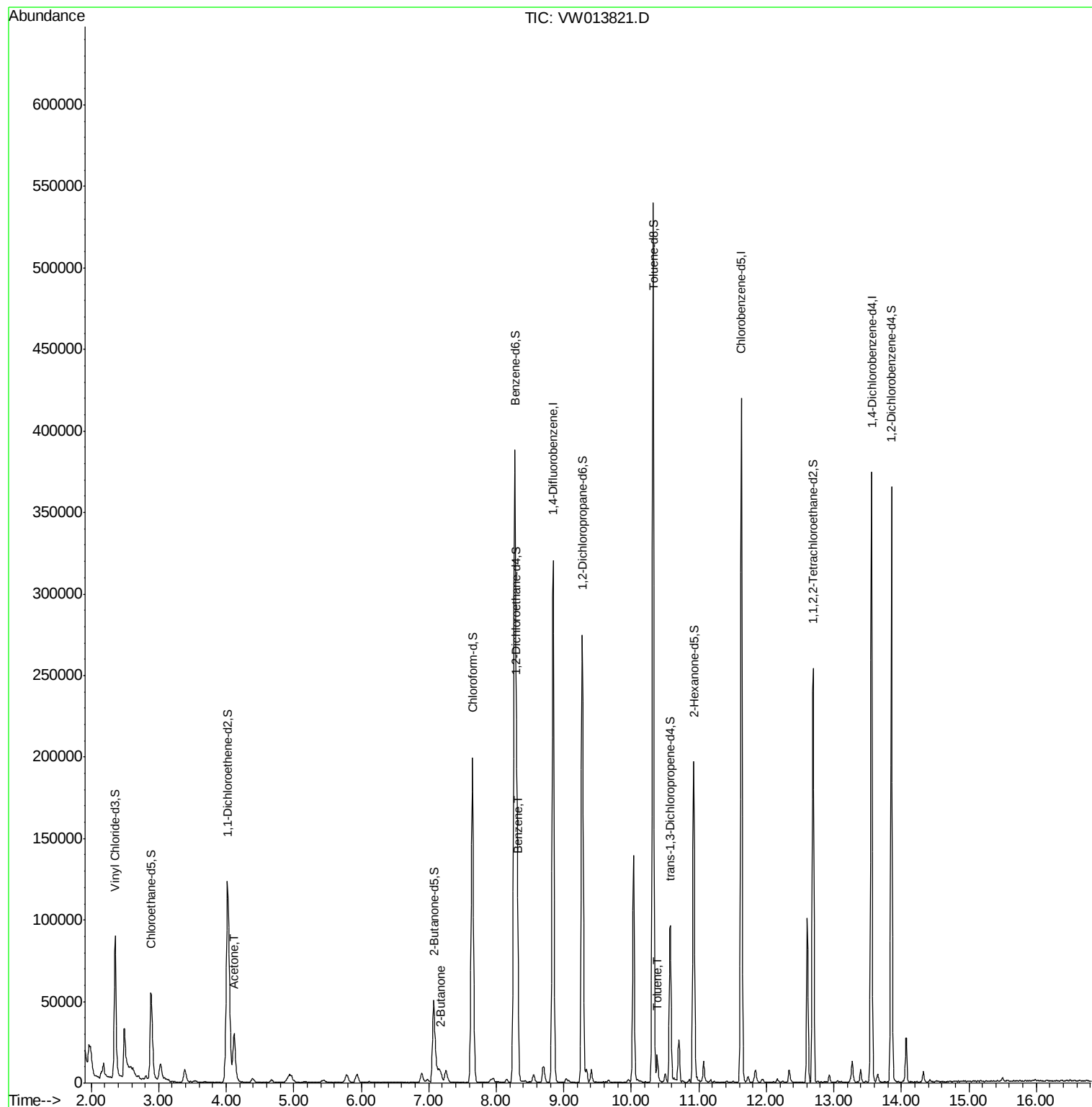
					Ovalue
13) Acetone	4.12	43	49817	36.370 ug/L	93
21) 2-Butanone	7.18	43	10079	5.795 ug/L	97
34) Benzene	8.32	78	9058	0.495 ug/L	100
44) Toluene	10.39	91	11571	0.588 ug/L	99

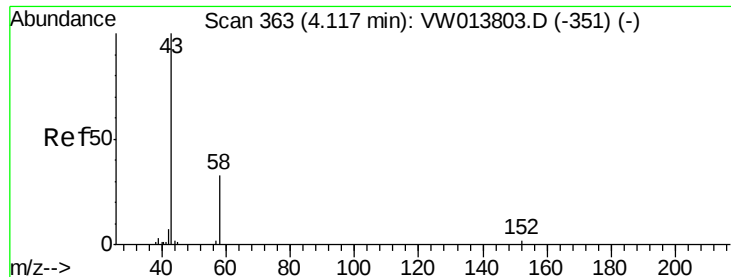
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 36.370 ug/L

RT: 4.12 min Scan# 363

Delta R.T. -0.00 min

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Acq: 30 Oct 2019 04:16

Instrument :

MSVOA_W

ClientSampleId :

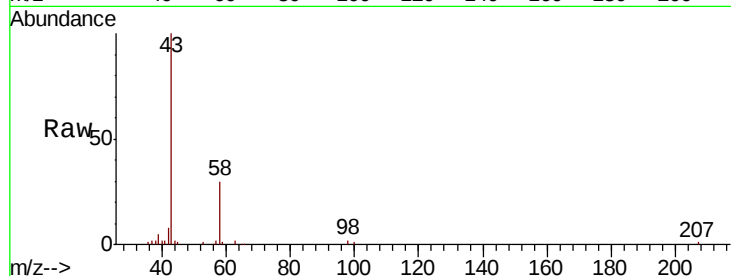
GAQ70

Tot Ion: 43 Resp: 49817

Ion Ratio Lower Upper

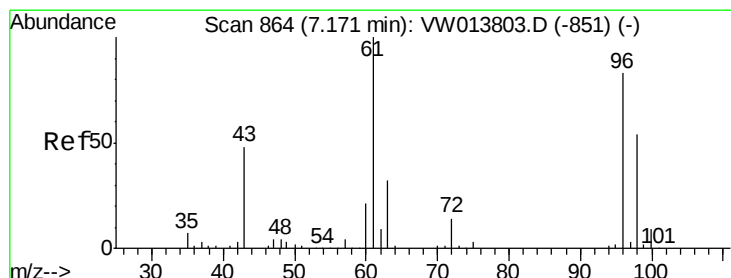
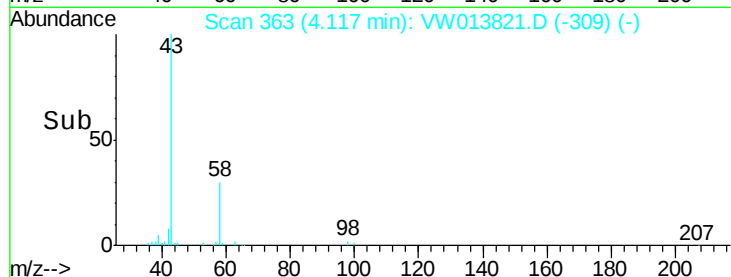
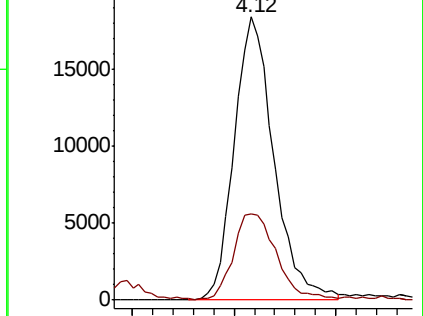
43 100

58 31.3 0.0 70.4



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#21

2-Butanone

Concen: 5.795 ug/L

RT: 7.18 min Scan# 865

Delta R.T. 0.01 min

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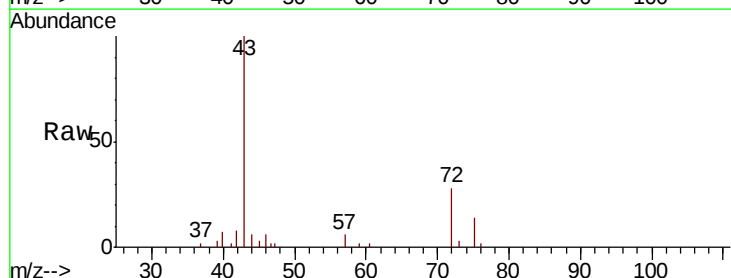
Acq: 30 Oct 2019 04:16

Tgt Ion: 43 Resp: 10079

Ion Ratio Lower Upper

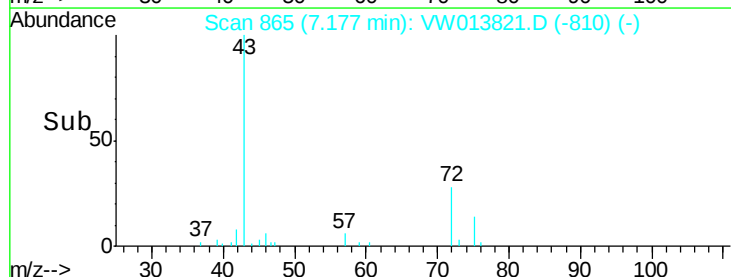
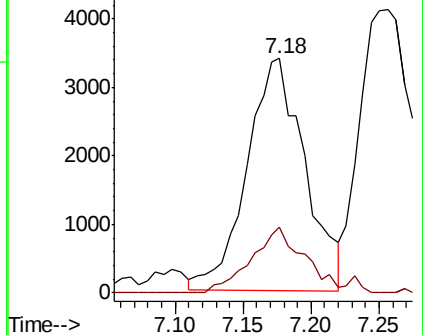
43 100

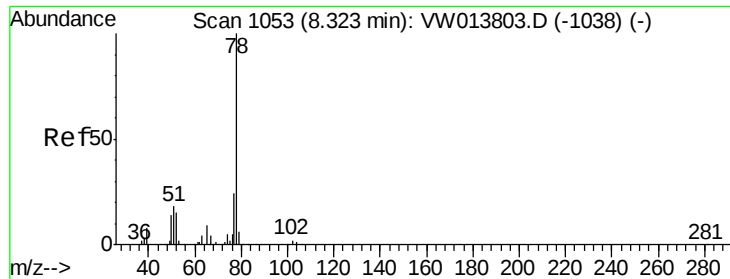
72 25.8 13.7 41.1



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 72.00 (71.70 to 72.70): VW





#34

Benzene

Concen: 0.495 ug/L

RT: 8.32 min Scan# 1053

Delta R.T. -0.00 min

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Acq: 30 Oct 2019 04:16

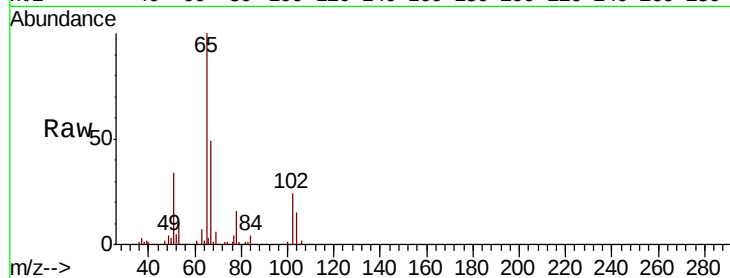
Instrument :

MSVOA_W

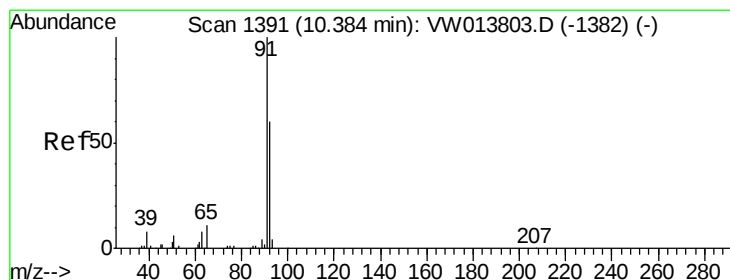
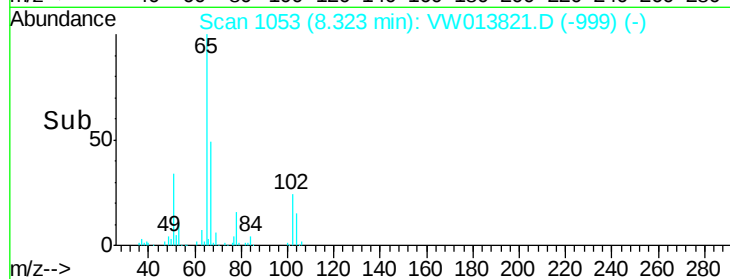
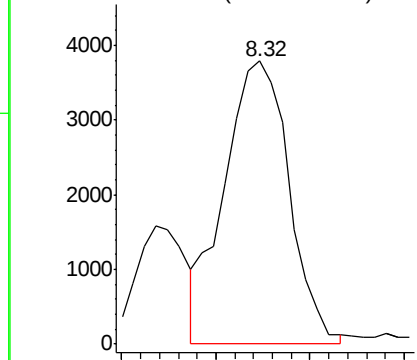
ClientSampleId :

GAQ70

Tgt Ion: 78 Resp: 9058



Abundance Ion 78.00 (77.70 to 78.70): VW



#44

Toluene

Concen: 0.588 ug/L

RT: 10.39 min Scan# 1392

Delta R.T. 0.01 min

Lab File: VW013821.D

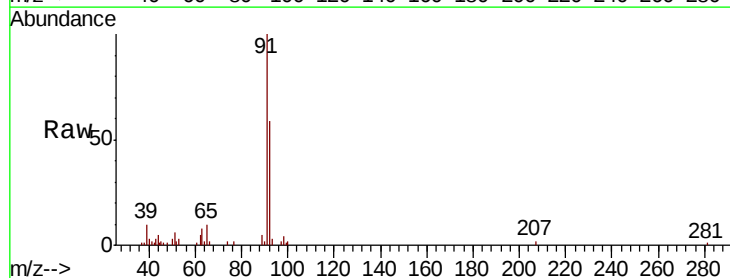
Acq: 30 Oct 2019 04:16

Tgt Ion: 91 Resp: 11571

Ion Ratio Lower Upper

91 100

92 59.3 42.0 78.0



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 92.00 (91.70 to 92.70): VW

