

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW111519\
 Data File : VW014046.D
 Acq On : 15 Nov 2019 17:32
 Operator : SY/VA
 Sample : K5855-04
 Misc : 9.48G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 GAQF4

Quant Time: Nov 16 05:30:43 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM111119S.M
 Quant Title : VOC Analysis
 QLast Update : Sat Nov 16 04:05:25 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	328889	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	325249	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.55	152	186333	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	106778	20.35	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	81.40%
7) Chloroethane-d5	2.89	69	95571	22.47	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	89.88%
10) 1,1-Dichloroethene-d2	4.01	63	173676	16.13	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	64.52%
20) 2-Butanone-d5	7.07	46	93795	61.53	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	123.06%
24) Chloroform-d	7.64	84	259152	25.63	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	102.52%
26) 1,2-Dichloroethane-d4	8.30	65	146430	28.80	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	115.20%
29) Benzene-d6	8.27	84	551629	23.90	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	95.60%
33) 1,2-Dichloropropane-d6	9.27	67	170909	25.28	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	101.12%
37) Toluene-d8	10.32	98	509537	23.28	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	93.12%
38) trans-1,3-Dichloropropene-	10.58	79	73064	25.24	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	100.96%
39) 2-Hexanone-d5	10.92	63	80050	62.45	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	124.90%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	152218	29.82	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	119.28%
61) 1,2-Dichlorobenzene-d4	13.85	152	194127	25.93	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	103.72%

Target Compounds

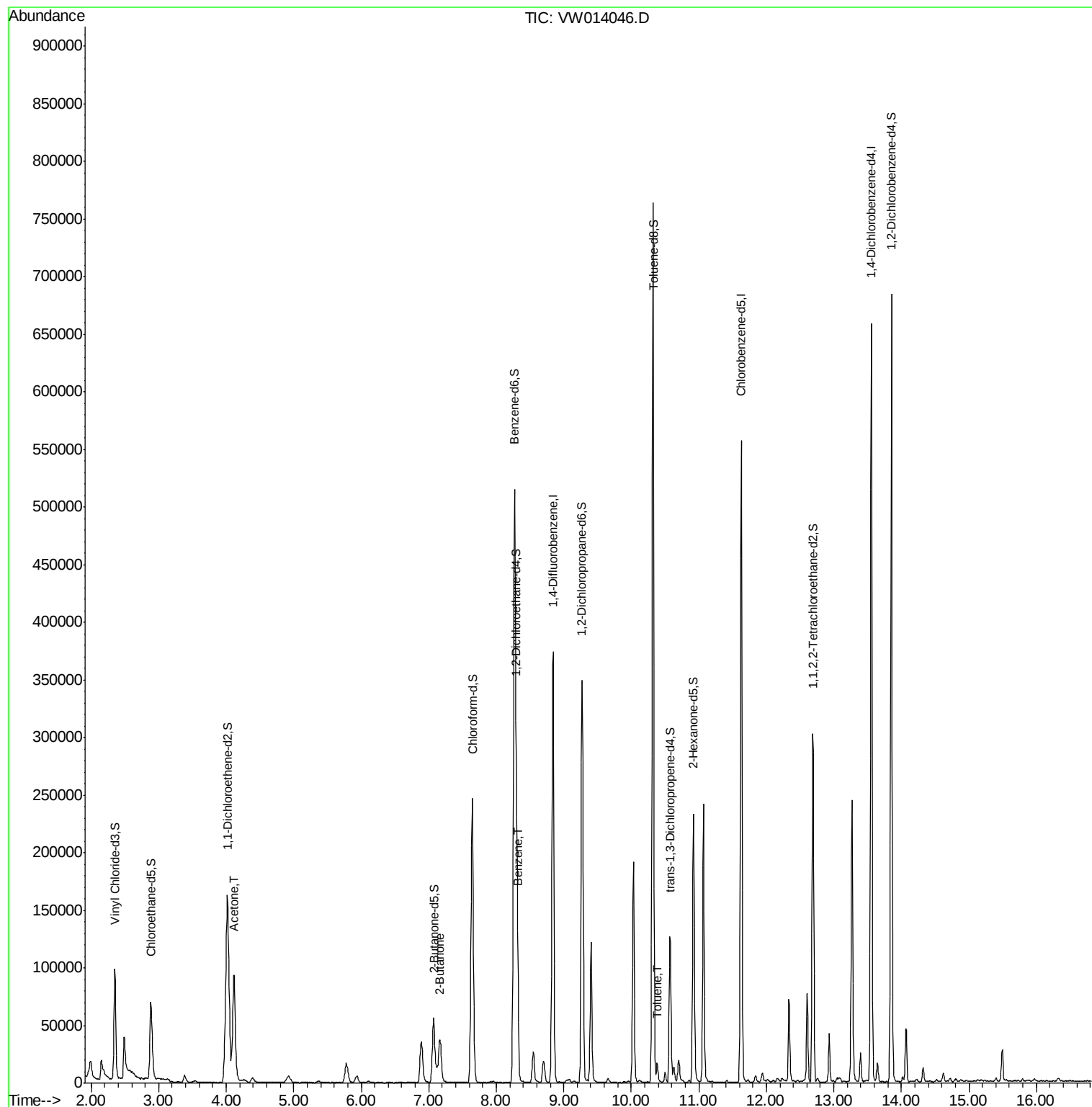
					Ovalue
13) Acetone	4.12	43	158542	102.205 ug/L	96
21) 2-Butanone	7.16	43	59015	29.612 ug/L	98
34) Benzene	8.32	78	24268	1.017 ug/L	100
44) Toluene	10.39	91	11614	0.447 ug/L	87

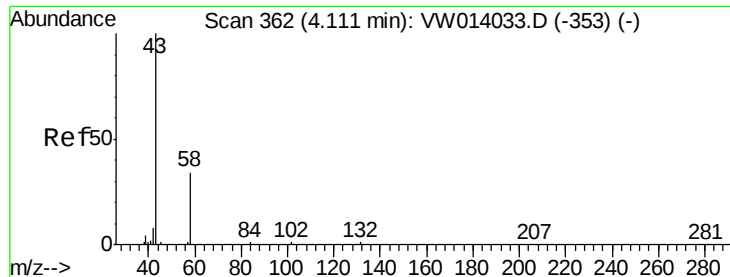
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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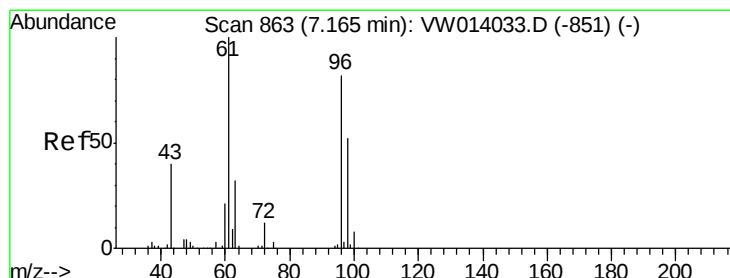
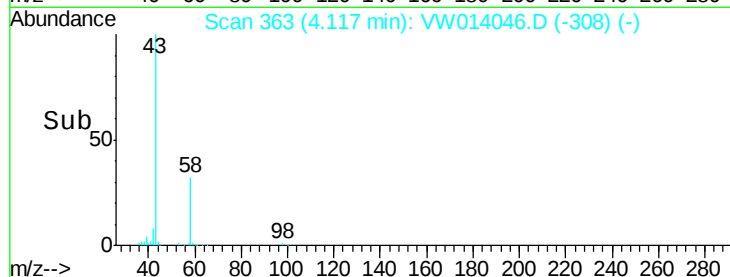
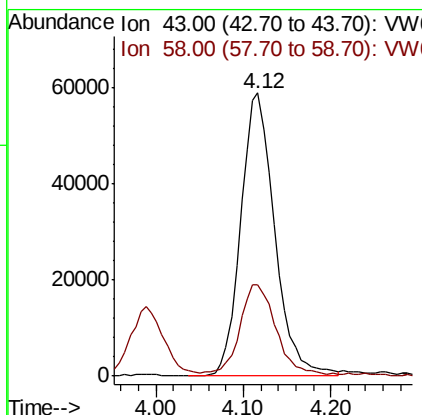
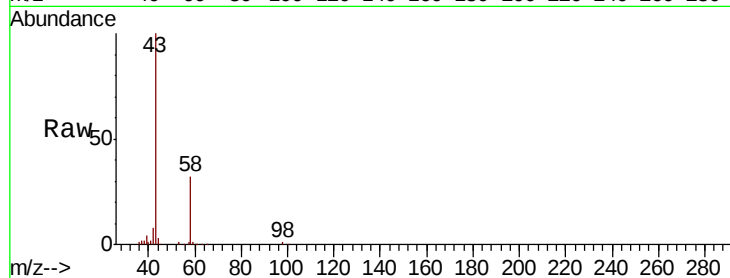




#13
Acetone
Concen: 102.205 ug/L
RT: 4.12 min Scan# 363
Delta R.T. 0.01 min
Lab File: VW014046.D
Acq: 15 Nov 2019 17:32

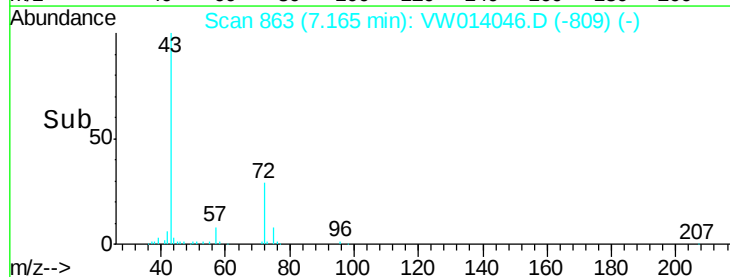
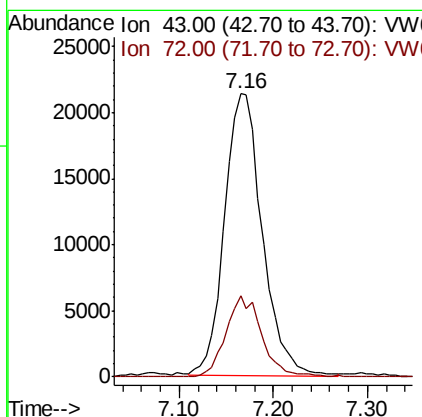
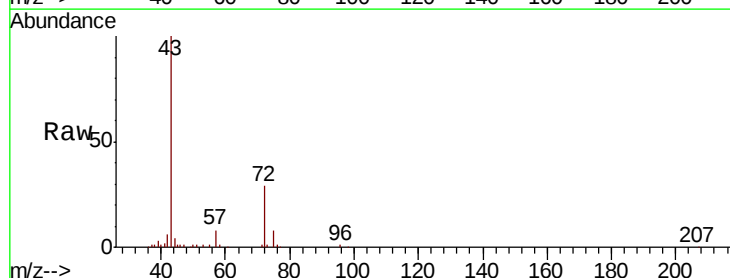
Instrument :
MSVOA_W
ClientSampleId :
GAQF4

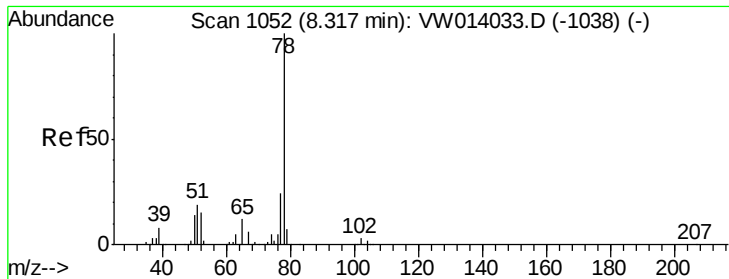
Tot Ion: 43 Resp: 158542
Ion Ratio Lower Upper
43 100
58 34.9 0.0 65.4



#21
2-Butanone
Concen: 29.612 ug/L
RT: 7.16 min Scan# 863
Delta R.T. -0.00 min
Lab File: VW014046.D
Acq: 15 Nov 2019 17:32

Tgt Ion: 43 Resp: 59015
Ion Ratio Lower Upper
43 100
72 27.1 14.1 42.2





#34

Benzene

Concen: 1.017 ug/L

RT: 8.32 min Scan# 1053

Delta R.T. 0.01 min

Lab File: VW014046.D

Acq: 15 Nov 2019 17:32

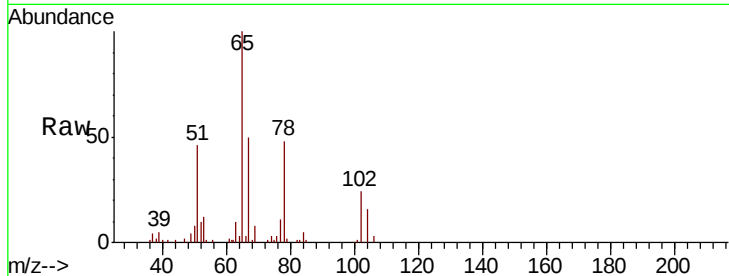
Instrument :

MSVOA_W

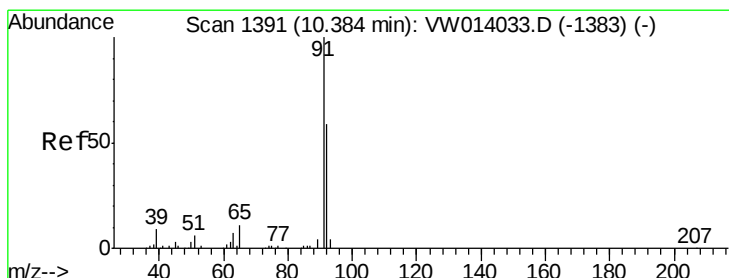
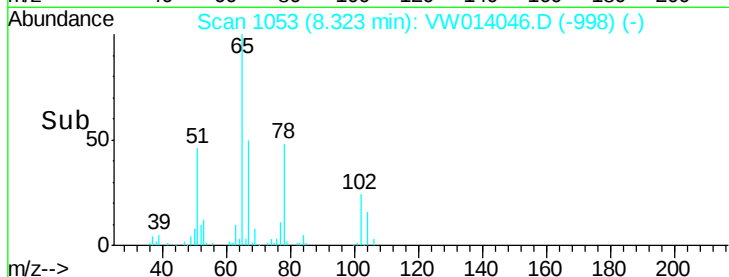
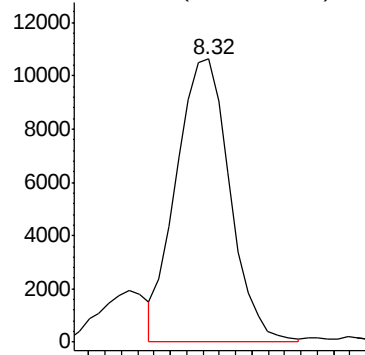
ClientSampled :

GAQF4

Tgt Ion: 78 Resp: 24268



Abundance Ion 78.00 (77.70 to 78.70): VW



#44

Toluene

Concen: 0.447 ug/L

RT: 10.39 min Scan# 1392

Delta R.T. 0.01 min

Lab File: VW014046.D

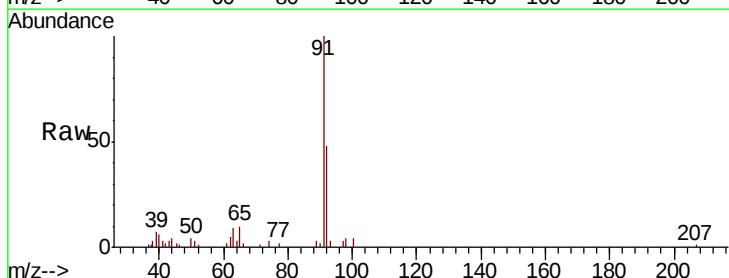
Acq: 15 Nov 2019 17:32

Tgt Ion: 91 Resp: 11614

Ion Ratio Lower Upper

91 100

92 48.2 40.7 75.7



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 92.00 (91.70 to 92.70): VW

