

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW110920\
 Data File : VW017118.D
 Acq On : 09 Nov 2020 16:19
 Operator : SY/VA
 Sample : L4673-01
 Misc : 6.15G/10ML/MSVOA W/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 GB0S2

Quant Time: Nov 10 08:21:15 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM110420S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Nov 10 07:51:56 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	552427	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	512918	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	239937	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	149130	21.43	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	85.72%
7) Chloroethane-d5	2.90	69	124360	23.19	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	92.76%
10) 1,1-Dichloroethene-d2	4.03	63	207964	16.71	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	66.84%
20) 2-Butanone-d5	7.09	46	58018	37.29	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	74.58%
24) Chloroform-d	7.65	84	293984	22.80	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	91.20%
26) 1,2-Dichloroethane-d4	8.31	65	146704	22.88	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	91.52%
29) Benzene-d6	8.28	84	599375	22.95	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	91.80%
33) 1,2-Dichloropropane-d6	9.28	67	167020	23.12	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	92.48%
37) Toluene-d8	10.33	98	572187	23.23	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	92.92%
38) trans-1,3-Dichloropropene-	10.58	79	70515	21.65	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	86.60%
39) 2-Hexanone-d5	10.93	63	50175	39.80	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	79.60%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	133615	21.23	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	84.92%
61) 1,2-Dichlorobenzene-d4	13.86	152	202697	23.98	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	95.92%

Target Compounds

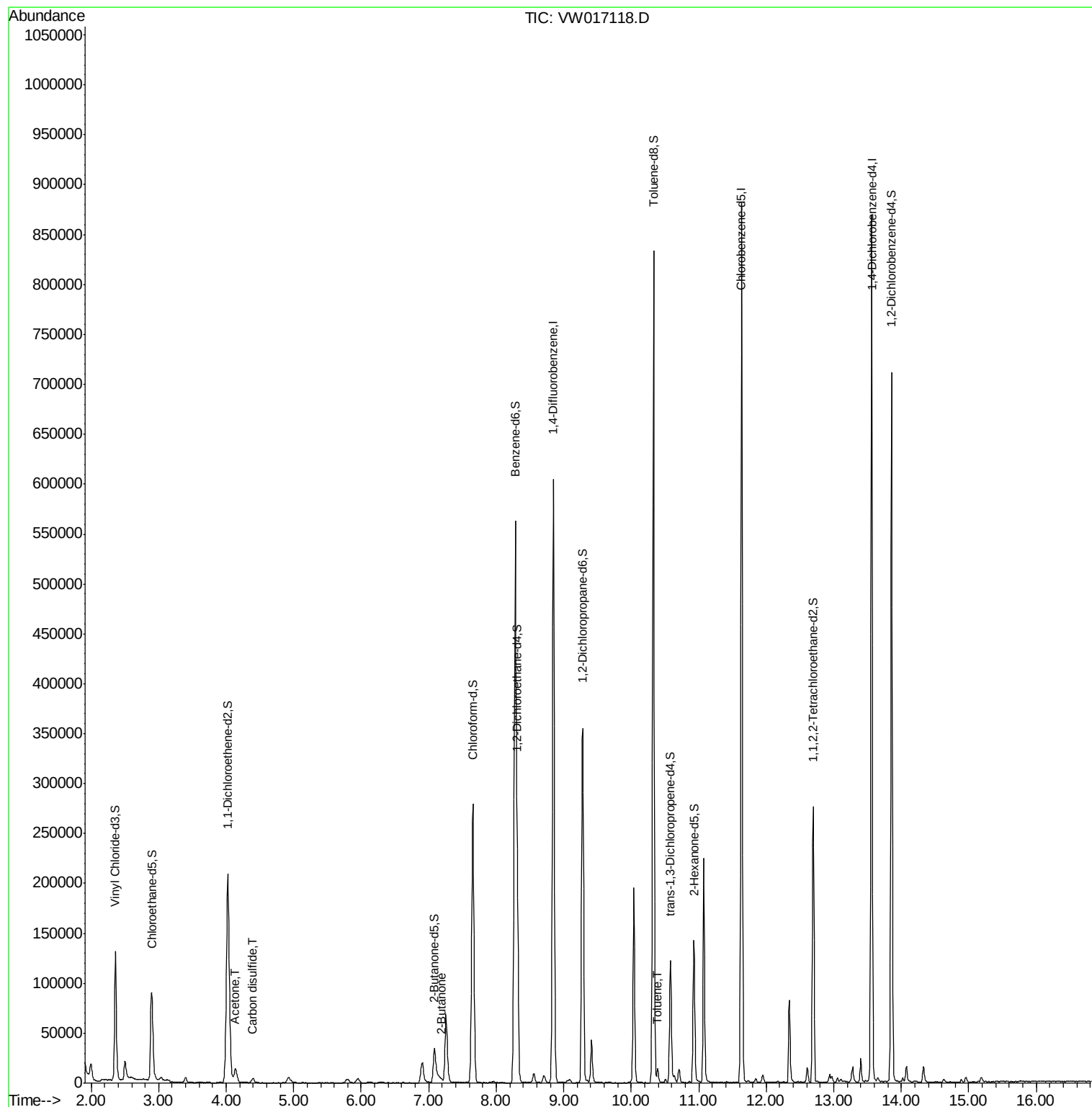
					Ovalue
13) Acetone	4.14	43	25179	24.167 ug/L	99
14) Carbon disulfide	4.39	76	9457	0.507 ug/L #	93
21) 2-Butanone	7.19	43	3440	2.056 ug/L	90
44) Toluene	10.39	91	10254	0.346 ug/L	96

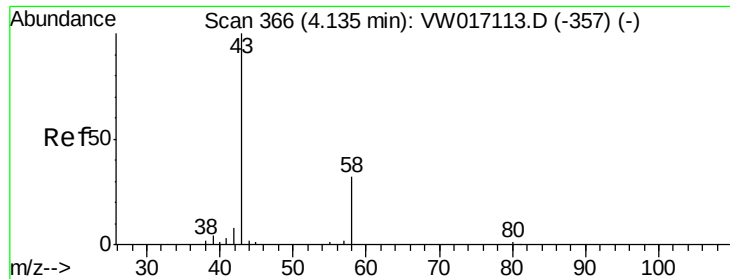
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 24.167 ug/L

RT: 4.14 min Scan# 367

Delta R.T. 0.01 min

Lab File: VW017118.D

Acq: 09 Nov 2020 16:19

Instrument :

MSVOA_W

ClientSampled :

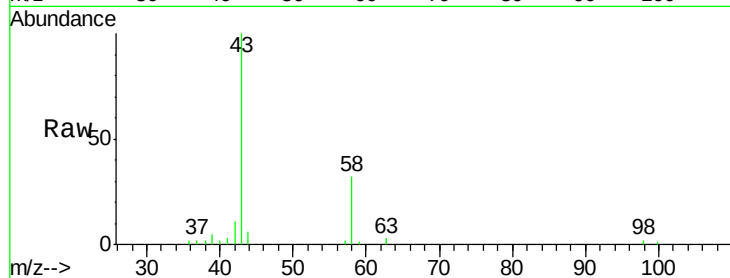
GB0S2

Tot Ion: 43 Resp: 25179

Ion Ratio Lower Upper

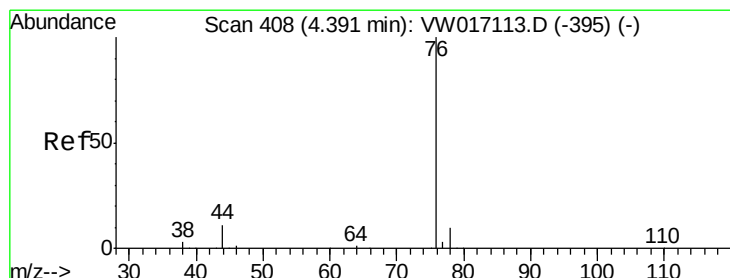
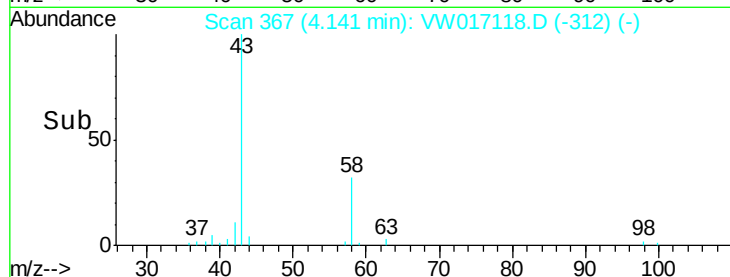
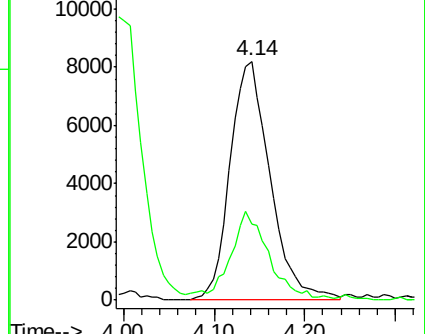
43 100

58 34.0 0.0 69.2



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#14

Carbon disulfide

Concen: 0.507 ug/L

RT: 4.39 min Scan# 408

Delta R.T. 0.00 min

Lab File: VW017118.D

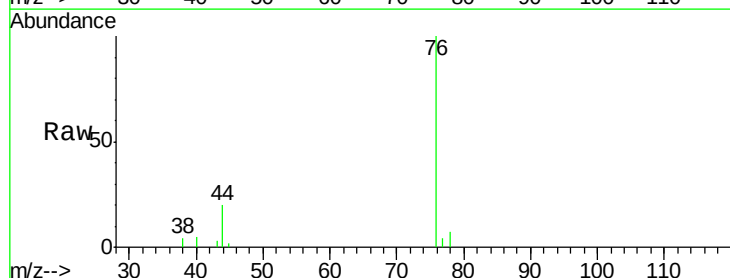
Acq: 09 Nov 2020 16:19

Tgt Ion: 76 Resp: 9457

Ion Ratio Lower Upper

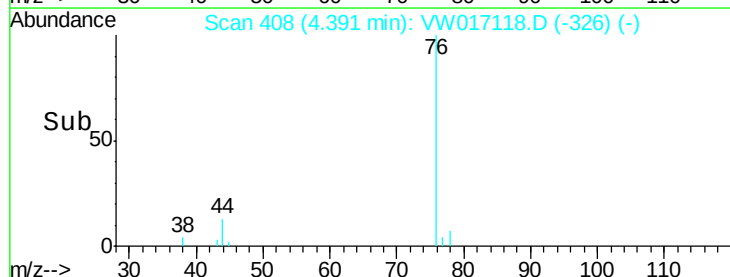
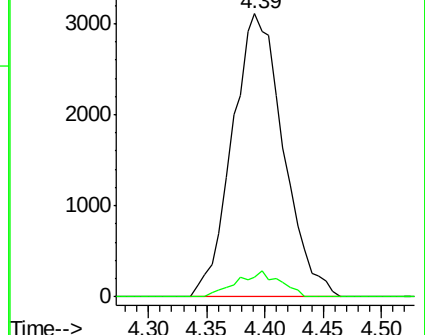
76 100

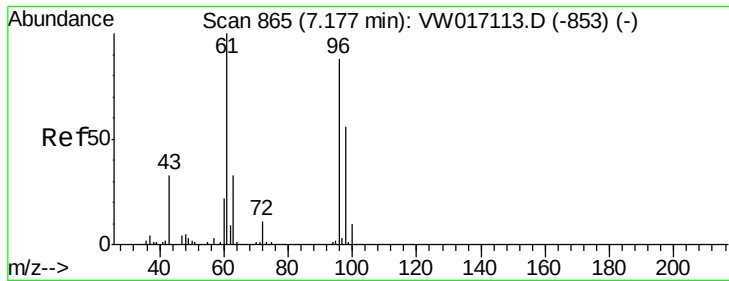
78 6.9 7.6 11.4#



Abundance Ion 76.00 (75.70 to 76.70): VW

Ion 78.00 (77.70 to 78.70): VW





#21

2-Butanone

Concen: 2.056 ug/L

RT: 7.19 min Scan# 867

Delta R.T. 0.01 min

Lab File: VW017118.D

Acq: 09 Nov 2020 16:19

Instrument :

MSVOA_W

ClientSampleId :

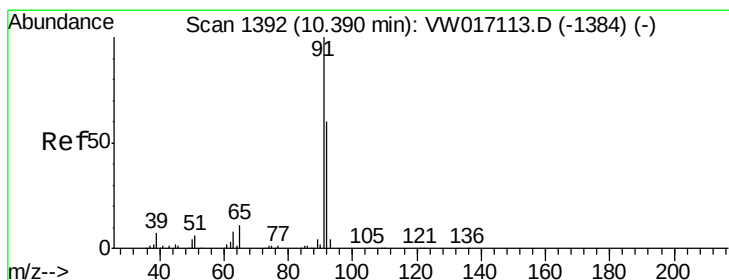
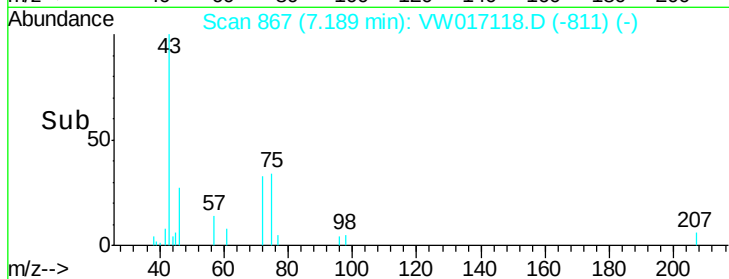
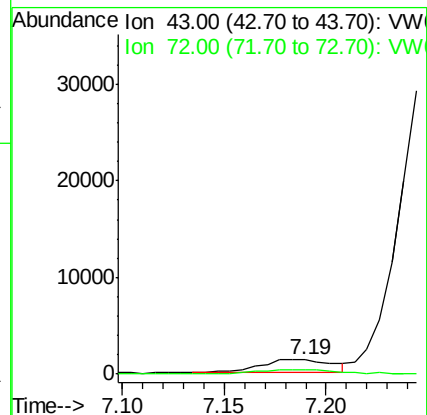
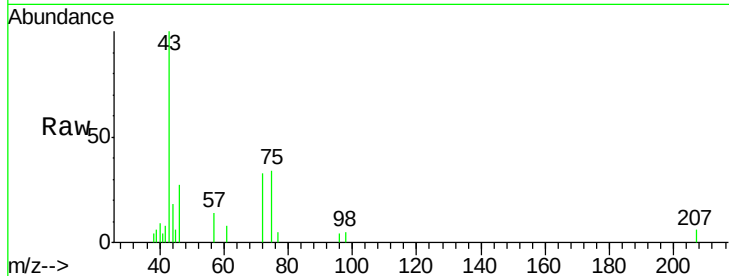
GB0S2

Tot Ion: 43 Resp: 3440

Ion Ratio Lower Upper

43 100

72 37.6 16.1 48.3



#44

Toluene

Concen: 0.346 ug/L

RT: 10.39 min Scan# 1392

Delta R.T. 0.00 min

Lab File: VW017118.D

Acq: 09 Nov 2020 16:19

Tgt Ion: 91 Resp: 10254

Ion Ratio Lower Upper

91 100

92 62.3 41.4 76.8

