

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW103119\
 Data File : VW013870.D
 Acq On : 31 Oct 2019 20:49
 Operator : SY/VA
 Sample : K5596-16
 Misc : 4.97G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 GAQB7

Quant Time: Nov 01 05:27:23 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM103119S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Nov 01 02:10:29 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	245060	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	236167	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	112407	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	75226	20.16	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	80.64%
7) Chloroethane-d5	2.89	69	59033	20.23	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	80.92%
10) 1,1-Dichloroethene-d2	4.03	63	114864	15.39	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	61.56%
20) 2-Butanone-d5	7.07	46	80252	61.21	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	122.42%
24) Chloroform-d	7.65	84	167403	22.32	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	89.28%
26) 1,2-Dichloroethane-d4	8.31	65	100753	24.70	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	98.80%
29) Benzene-d6	8.27	84	348715	22.79	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	91.16%
33) 1,2-Dichloropropane-d6	9.27	67	110532	24.10	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	96.40%
37) Toluene-d8	10.32	98	309408	21.15	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	84.60%
38) trans-1,3-Dichloropropene-	10.58	79	44458	21.19	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	84.76%
39) 2-Hexanone-d5	10.92	63	67077	63.55	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	127.10%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	118778	28.49	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	113.96%
61) 1,2-Dichlorobenzene-d4	13.85	152	100859	23.30	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	93.20%

Target Compounds

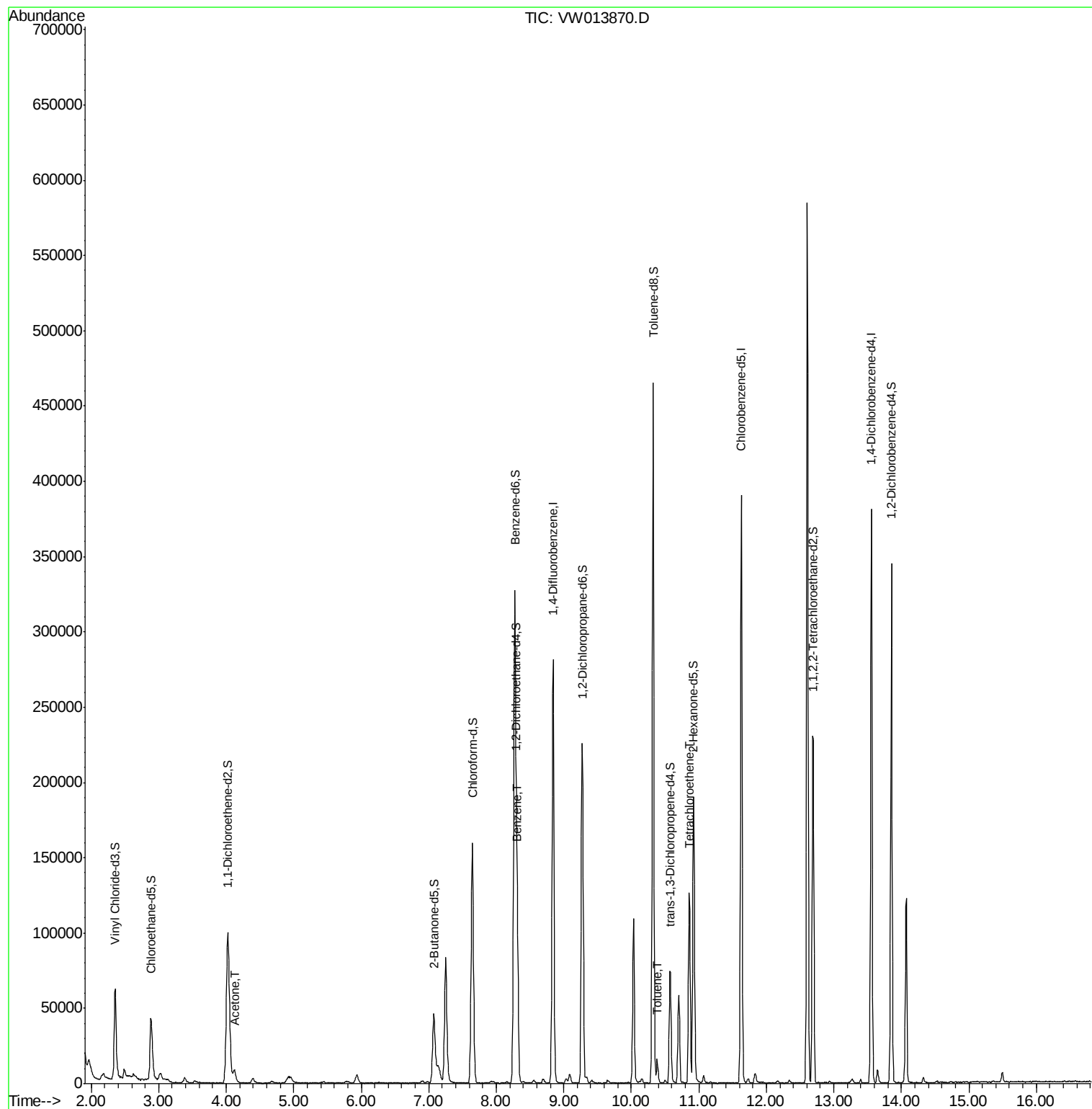
					Qvalue
13) Acetone	4.13	43	14992	12.217 ug/L	98
34) Benzene	8.32	78	11350	0.693 ug/L	100
44) Toluene	10.38	91	11811	0.668 ug/L	87
47) Tetrachloroethene	10.86	164	31628	8.148 ug/L	99

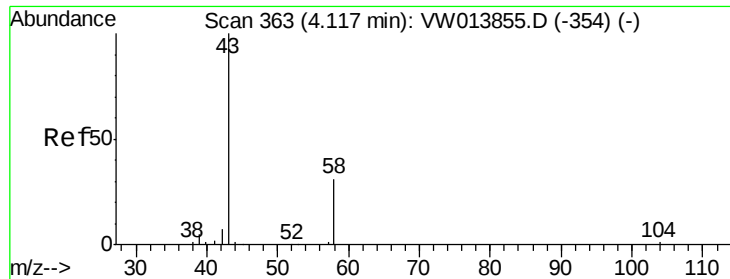
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Nov 01 02:10:29 2019
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#13

Acetone

Concen: 12.217 ug/L

RT: 4.13 min Scan# 365

Delta R.T. 0.01 min

Lab File: VW013870.D

Acq: 31 Oct 2019 20:49

Instrument :

MSVOA_W

ClientSampled :

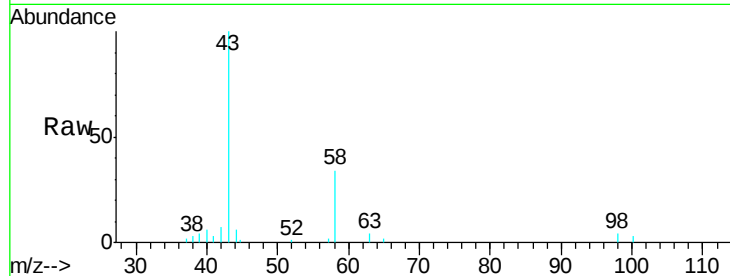
GAQB7

Tgt Ion: 43 Resp: 14992

Ion Ratio Lower Upper

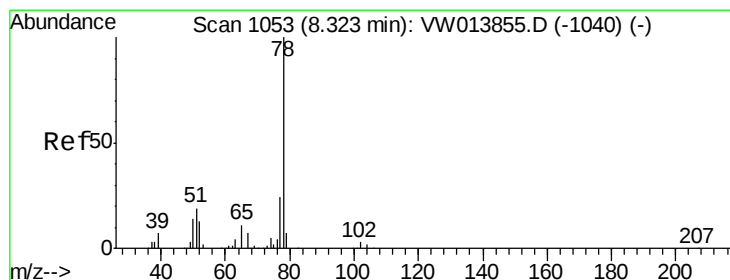
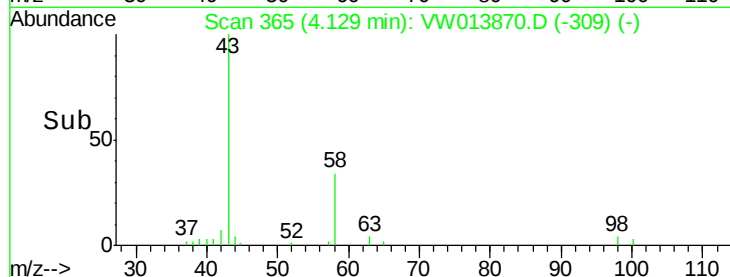
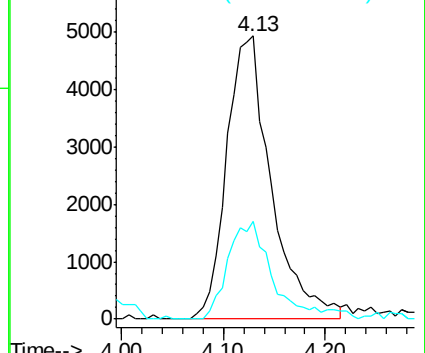
43 100

58 32.5 0.0 63.4



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#34

Benzene

Concen: 0.693 ug/L

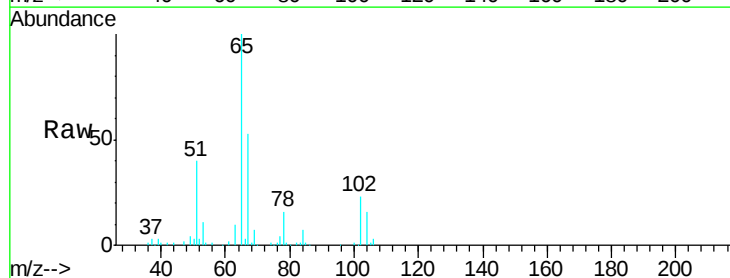
RT: 8.32 min Scan# 1052

Delta R.T. -0.01 min

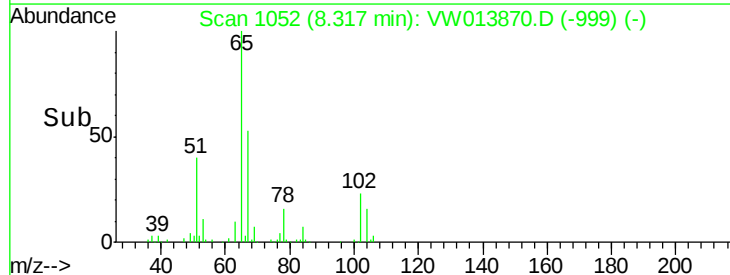
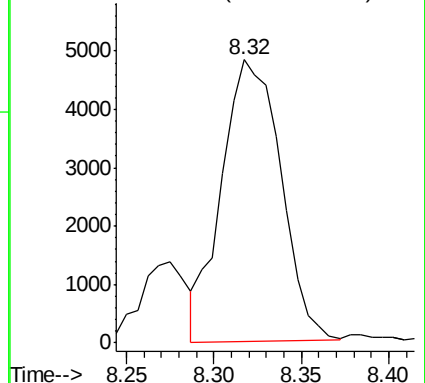
Lab File: VW013870.D

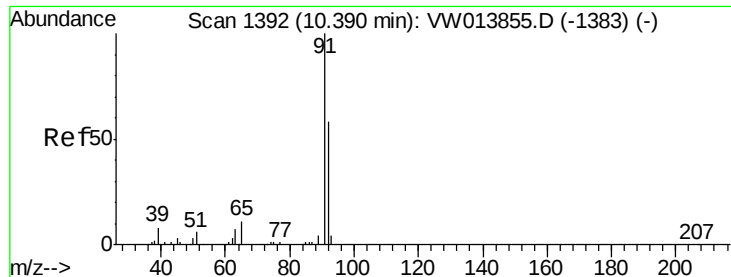
Acq: 31 Oct 2019 20:49

Tgt Ion: 78 Resp: 11350



Abundance Ion 78.00 (77.70 to 78.70): VW





#44

Toluene

Concen: 0.668 ug/L

RT: 10.38 min Scan# 1391

Delta R.T. -0.01 min

Lab File: VW013870.D

Acq: 31 Oct 2019 20:49

Instrument :

MSVOA_W

ClientSampleId :

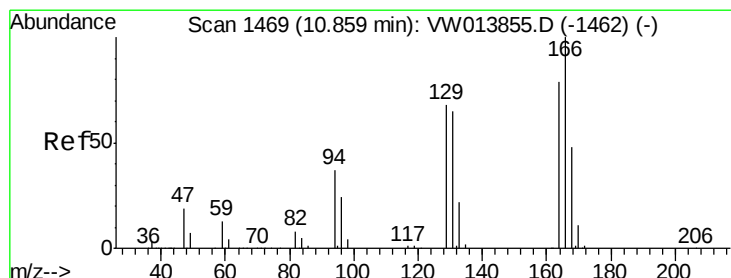
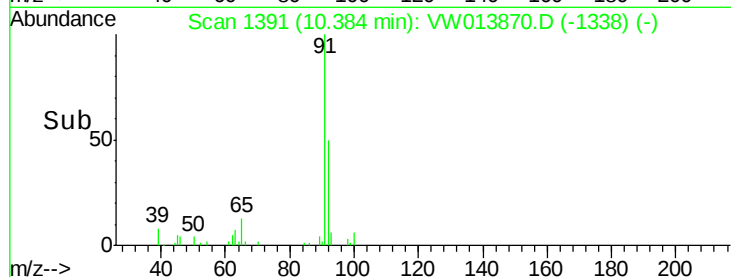
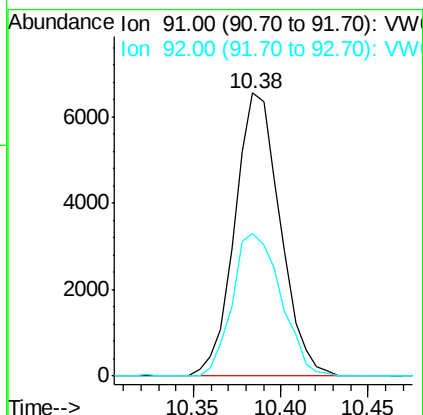
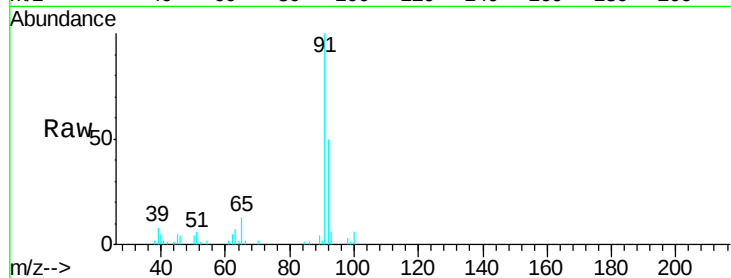
GAQB7

Tgt Ion: 91 Resp: 11811

Ion Ratio Lower Upper

91 100

92 50.5 42.0 78.0



#47

Tetrachloroethene

Concen: 8.148 ug/L

RT: 10.86 min Scan# 1469

Delta R.T. -0.00 min

Lab File: VW013870.D

Acq: 31 Oct 2019 20:49

Tgt Ion: 164 Resp: 31628

Ion Ratio Lower Upper

164 100

129 87.4 62.5 116.1

131 85.6 59.8 111.0

166 129.3 91.6 170.0

