

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW103119\
 Data File : VW013857.D
 Acq On : 31 Oct 2019 15:07
 Operator : SY/VA
 Sample : K5596-20
 Misc : 4.80G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Nov 01 02:13:21 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	318993	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	311948	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	163125	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	91868	18.92	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	75.68%
7) Chloroethane-d5	2.89	69	77306	20.35	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	81.40%
10) 1,1-Dichloroethene-d2	4.01	63	143586	14.78	ug/L	-0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	59.12%
20) 2-Butanone-d5	7.07	46	65373	38.30	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	76.60%
24) Chloroform-d	7.65	84	214013	21.92	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	87.68%
26) 1,2-Dichloroethane-d4	8.39	65	164	0.03	ug/L	0.09
Spiked Amount	25.000	Range	70 - 130	Recovery	=	0.12%#
29) Benzene-d6	8.27	84	447542	22.14	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	88.56%
33) 1,2-Dichloropropane-d6	9.27	67	139950	23.10	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	92.40%
37) Toluene-d8	10.32	98	409806	21.20	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	84.80%
38) trans-1,3-Dichloropropene-	10.57	79	51537	18.60	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	74.40%
39) 2-Hexanone-d5	10.92	63	53954	38.70	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	77.40%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	112215	20.38	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	81.52%
61) 1,2-Dichlorobenzene-d4	13.85	152	145885	23.22	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	92.88%

Target Compounds

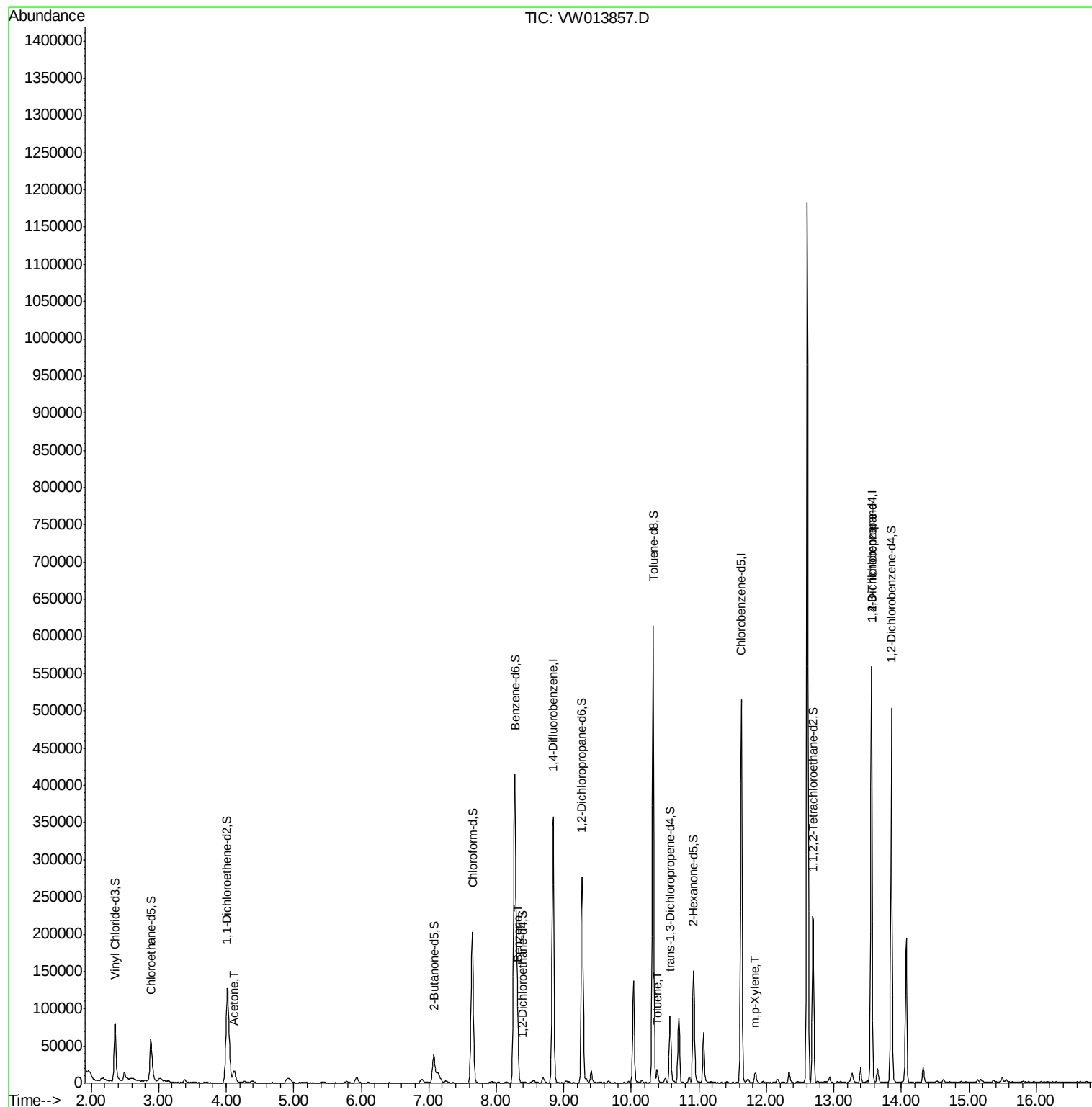
					Ovalue
13) Acetone	4.12	43	28670	17.949 ug/L	71
34) Benzene	8.32	78	7586	0.351 ug/L	100
44) Toluene	10.39	91	13056	0.559 ug/L	96
54) m,p-Xylene	11.83	106	3367	0.334 ug/L	65
59) 1,2,3-Trichloropropane	13.55	75	17268	4.190 ug/L	98

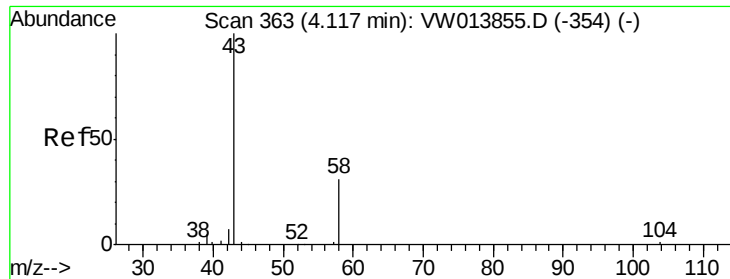
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 17.949 ug/L

RT: 4.12 min Scan# 363

Delta R.T. 0.00 min

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Acq: 31 Oct 2019 15:07

Instrument :

MSVOA_W

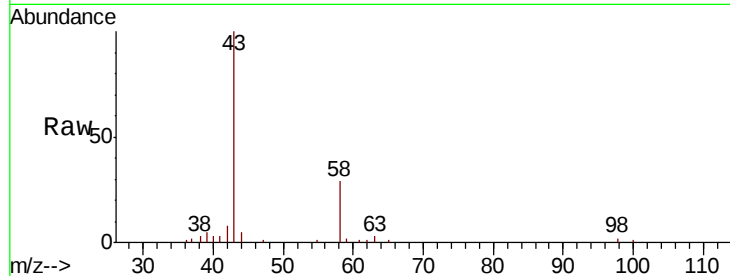
ClientSampled :

Tot Ion: 43 Resp: 28670

Ion Ratio Lower Upper

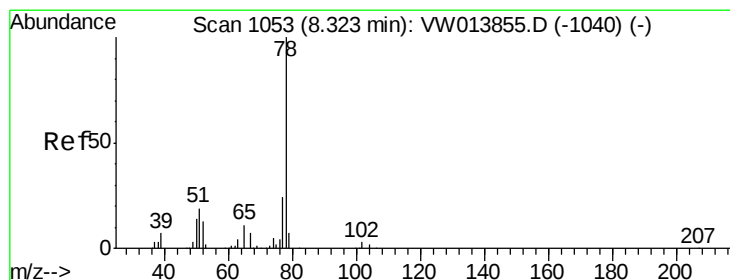
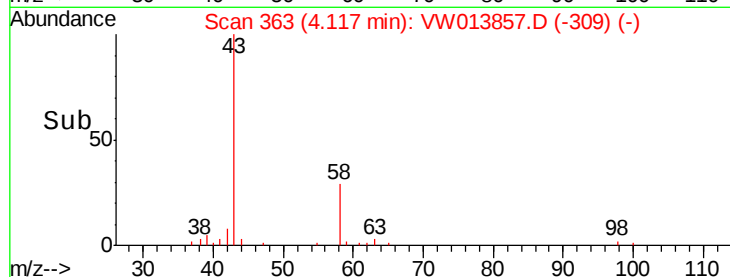
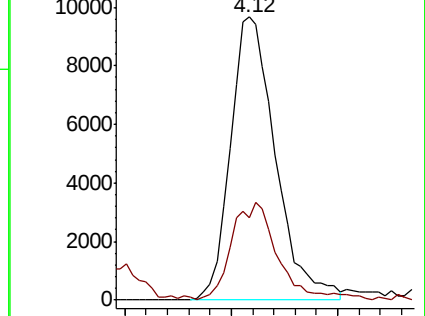
43 100

58 15.5 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: 0.351 ug/L

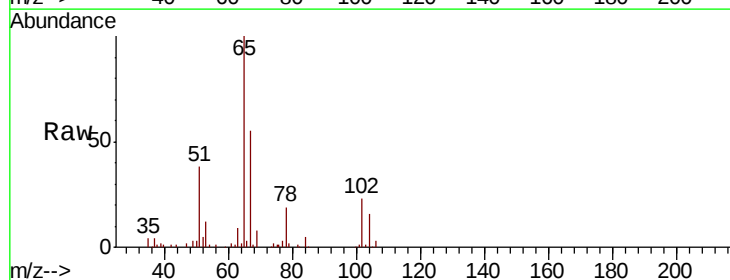
RT: 8.32 min Scan# 1053

Delta R.T. 0.00 min

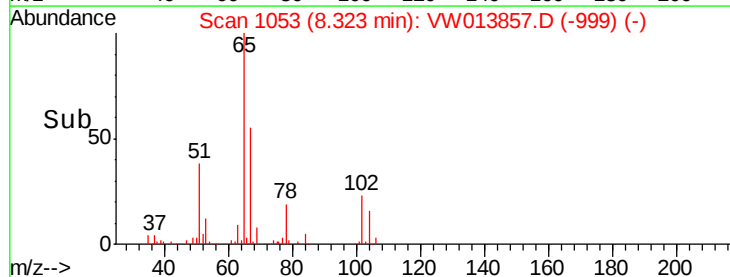
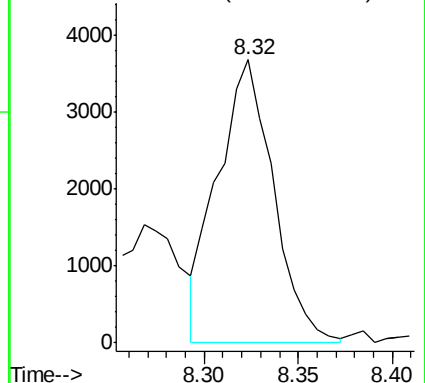
Lab File: VW013857.D

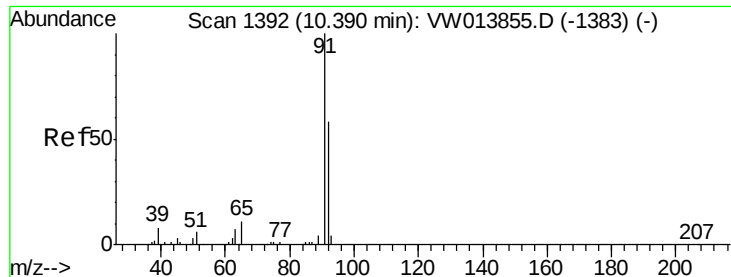
Acq: 31 Oct 2019 15:07

Tgt Ion: 78 Resp: 7586



Abundance Ion 78.00 (77.70 to 78.70): VW





#44

Toluene

Concen: 0.559 ug/L

RT: 10.39 min Scan# 1392

Delta R.T. 0.00 min

Lab File: VW013857.D

Acq: 31 Oct 2019 15:07

Instrument :

MSVOA_W

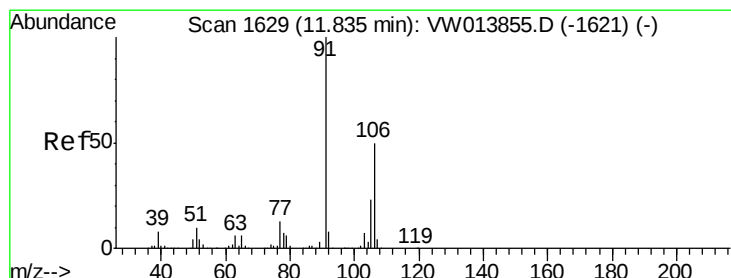
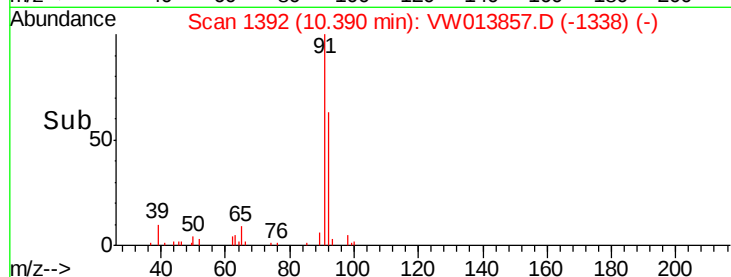
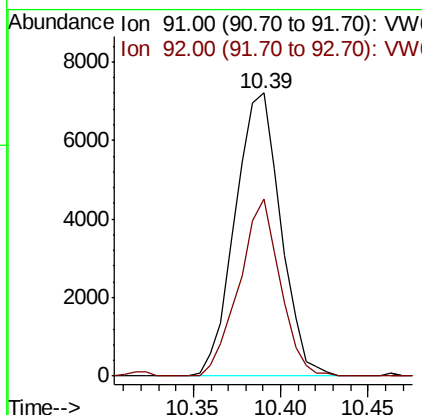
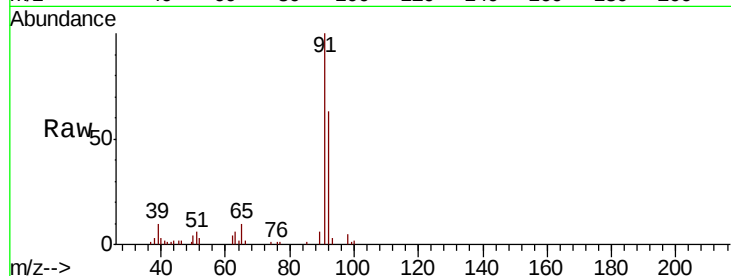
ClientSampled :

Tot Ion: 91 Resp: 13056

Ion Ratio Lower Upper

91 100

92 62.7 42.0 78.0



#54

m,p-Xylene

Concen: 0.334 ug/L

RT: 11.83 min Scan# 1628

Delta R.T. -0.01 min

Lab File: VW013857.D

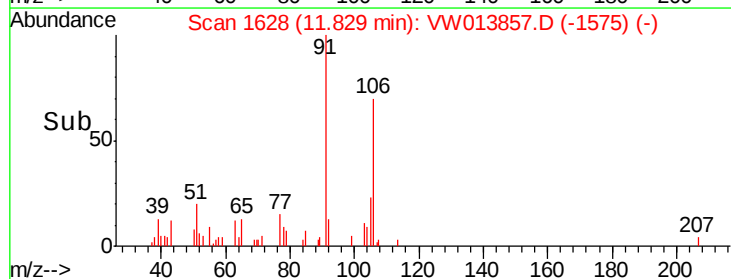
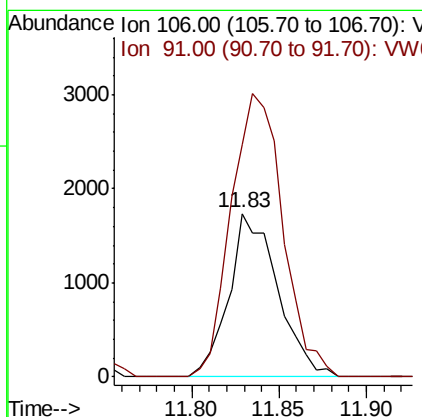
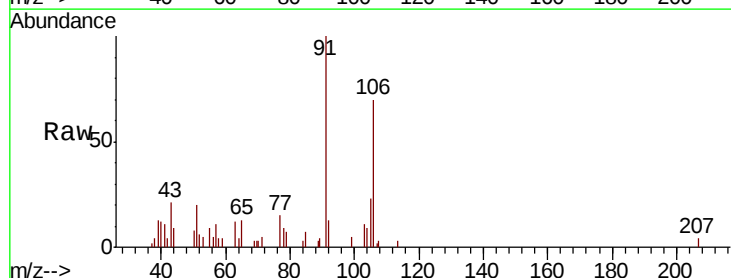
Acq: 31 Oct 2019 15:07

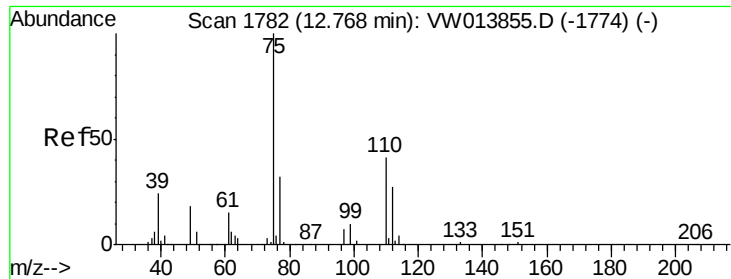
Tgt Ion: 106 Resp: 3367

Ion Ratio Lower Upper

106 100

91 142.5 136.6 253.8





#59

1,2,3-Trichloropropane

Concen: 4.190 ug/L

RT: 13.55 min Scan# 1911

Delta R.T. 0.79 min

Lab File: VW013857.D

Acq: 31 Oct 2019 15:07

Instrument :

MSVOA_W

ClientSampleId :

Tot Ion: 75 Resp: 17268

Ion Ratio Lower Upper

75 100

77 33.3 25.8 38.8

