

Data File : VW014094.D
Acq On : 22 Nov 2019 14:47
Operator : SY/VA
Sample : K5989-04
Misc : 5.87G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C0BH9

Quant Time: Nov 22 23:04:13 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM111119S.M
Quant Title : VOC Analysis
QLast Update : Fri Nov 22 23:01:18 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	310739	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	249192	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	89819	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	96943	19.55	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	78.20%
7) Chloroethane-d5	2.89	69	92106	22.92	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	91.68%
10) 1,1-Dichloroethene-d2	4.02	63	159648	15.69	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	62.76%
20) 2-Butanone-d5	7.08	46	65213	45.28	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	90.56%
24) Chloroform-d	7.65	84	244546	25.59	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	102.36%
26) 1,2-Dichloroethane-d4	8.31	65	123474	25.70	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	102.80%
29) Benzene-d6	8.27	84	504827	28.55	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	114.20%
33) 1,2-Dichloropropane-d6	9.27	67	155550	30.03	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	120.12%#
37) Toluene-d8	10.32	98	424355	25.31	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	101.24%
38) trans-1,3-Dichloropropene-	10.57	79	47976	21.63	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	86.52%
39) 2-Hexanone-d5	10.92	63	45721	46.55	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	93.10%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	101593	25.98	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	103.92%
61) 1,2-Dichlorobenzene-d4	13.85	152	96051	26.62	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	106.48%

Target Compounds

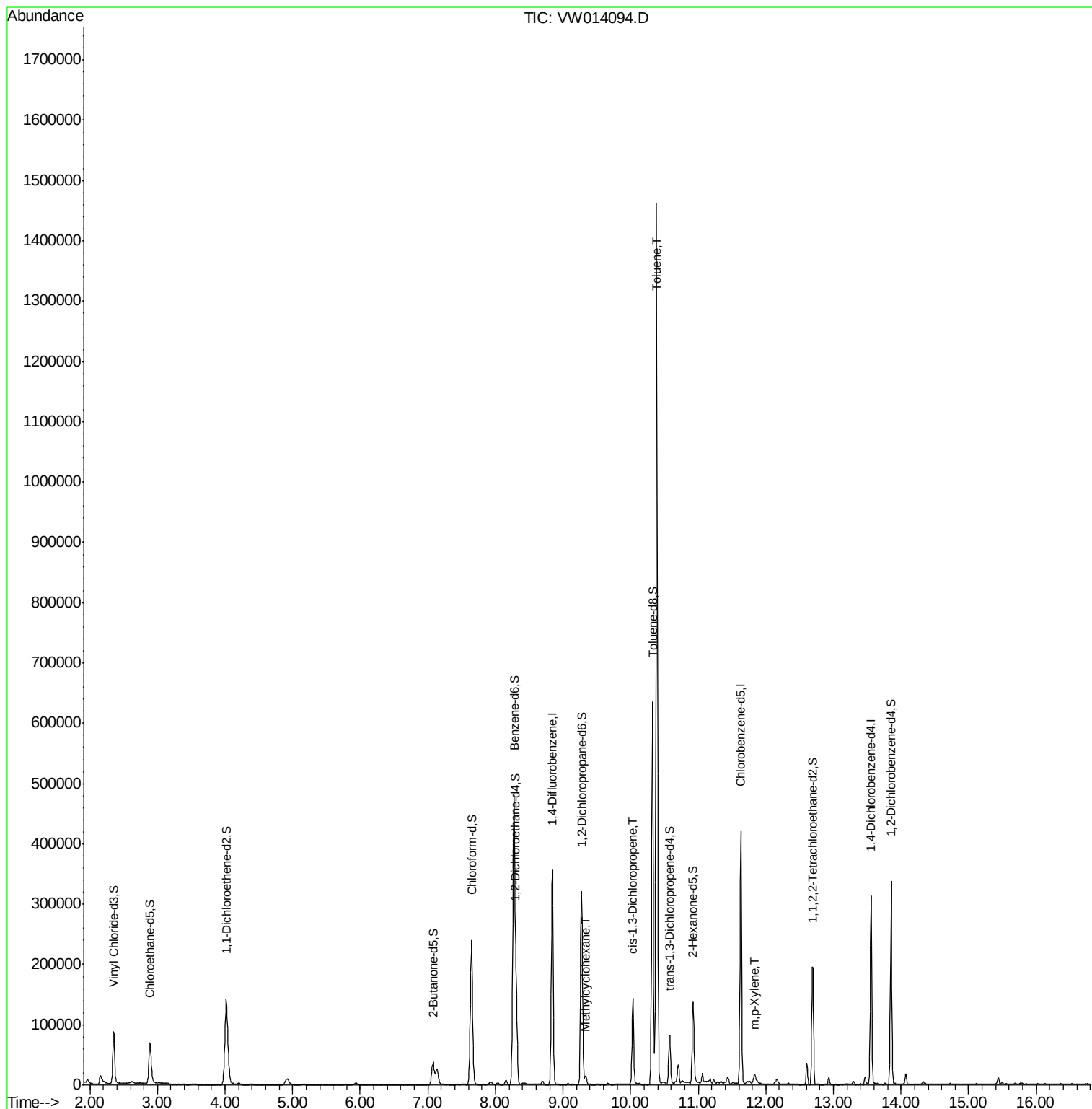
					Qvalue
36) Methylcyclohexane	9.34	83	4966	0.568 ug/L #	82
42) cis-1,3-Dichloropropene	10.03	75	2948	0.425 ug/L #	42
44) Toluene	10.38	91	1099959	55.195 ug/L	98
54) m,p-Xylene	11.83	106	4537	0.534 ug/L	91

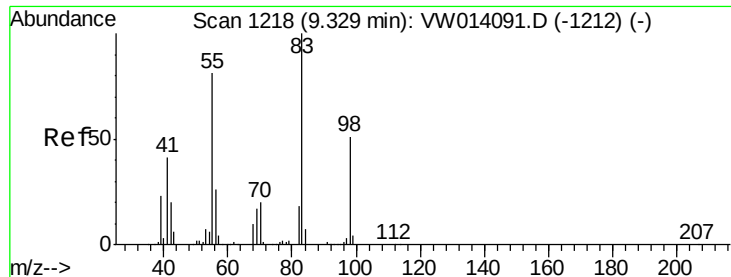
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : VW014094.D
Acq On : 22 Nov 2019 14:47
Operator : SY/VA
Sample : K5989-04
Misc : 5.87G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C0BH9

Quant Time: Nov 22 23:04:13 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM111119S.M
Quant Title : VOC Analysis
QLast Update : Fri Nov 22 23:01:18 2019
Response via : Initial Calibration

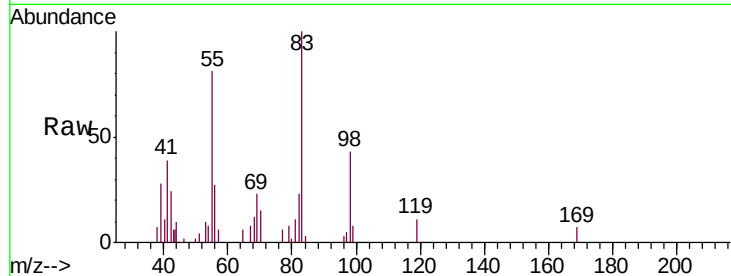




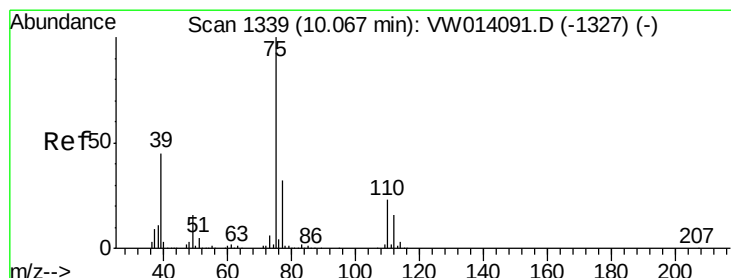
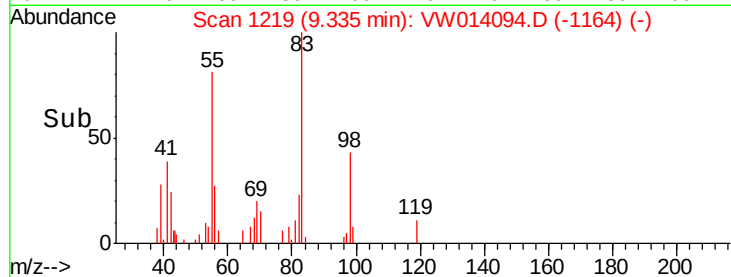
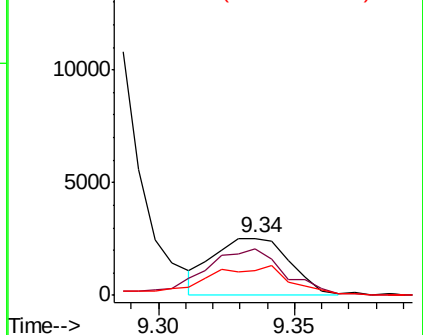
#36
Methylcyclohexane
Concen: 0.568 ug/L
RT: 9.34 min Scan# 1219
Delta R.T. 0.01 min
Lab File: VW014094.D
Acq: 22 Nov 2019 14:47

Instrument :
MSVOA_W
ClientSampled :
C0BH9

Tgt Ion: 83 Resp: 4966
Ion Ratio Lower Upper
83 100
55 83.0 59.8 89.8
98 28.1 39.5 59.3#

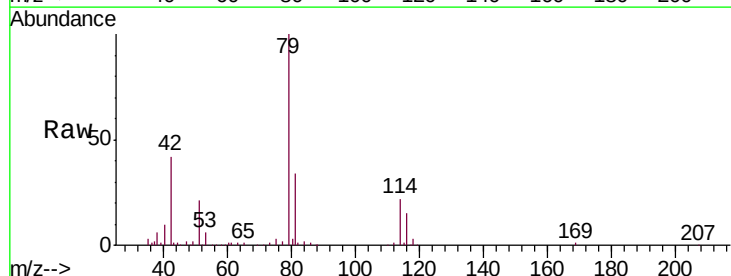


Abundance Ion 83.00 (82.70 to 83.70): VW
Ion 55.00 (54.70 to 55.70): VW
Ion 98.00 (97.70 to 98.70): VW

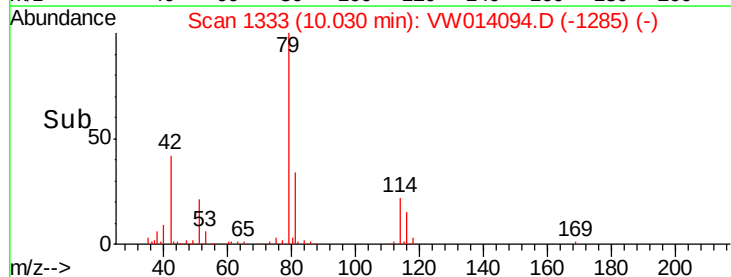
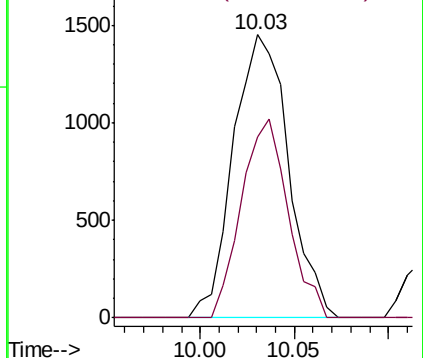


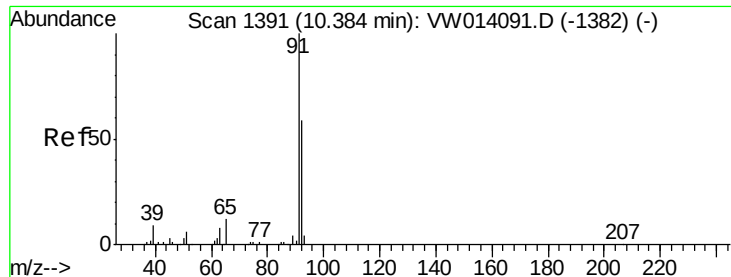
#42
cis-1,3-Dichloropropene
Concen: 0.425 ug/L
RT: 10.03 min Scan# 1333
Delta R.T. -0.04 min
Lab File: VW014094.D
Acq: 22 Nov 2019 14:47

Tgt Ion: 75 Resp: 2948
Ion Ratio Lower Upper
75 100
77 63.9 22.1 41.1#



Abundance Ion 75.00 (74.70 to 75.70): VW
Ion 77.00 (76.70 to 77.70): VW





#44

Toluene

Concen: 55.195 ug/L

RT: 10.38 min Scan# 1391

Delta R.T. 0.00 min

Lab File: VW014094.D

Acq: 22 Nov 2019 14:47

Instrument :

MSVOA_W

ClientSampleId :

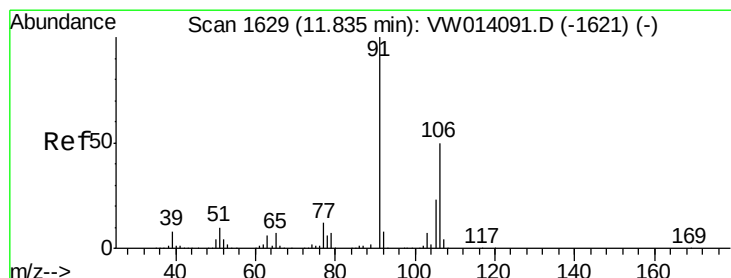
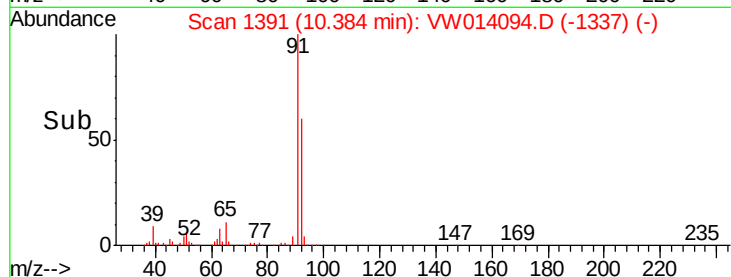
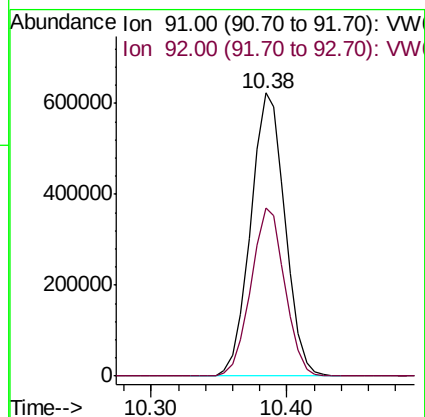
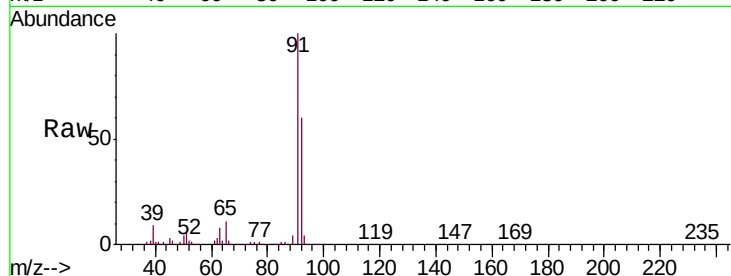
C0BH9

Tgt Ion: 91 Resp: 1099959

Ion Ratio Lower Upper

91 100

92 59.5 40.7 75.7



#54

m,p-Xylene

Concen: 0.534 ug/L

RT: 11.83 min Scan# 1628

Delta R.T. -0.01 min

Lab File: VW014094.D

Acq: 22 Nov 2019 14:47

Tgt Ion: 106 Resp: 4537

Ion Ratio Lower Upper

106 100

91 184.1 138.7 257.5

