

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW120219\
 Data File : VW014203.D
 Acq On : 02 Dec 2019 15:01
 Operator : SY/VA
 Sample : K6089-14RE
 Misc : 2.99G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 C0BR2RE

Quant Time: Dec 02 16:50:14 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM111119S.M
 Quant Title : VOC Analysis
 QLast Update : Mon Dec 02 16:00:46 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	94806	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	38214	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	4598	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	35500	23.47	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	93.88%
7) Chloroethane-d5	2.89	69	41822	34.10	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	136.40%
10) 1,1-Dichloroethene-d2	4.01	63	52184	16.81	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	67.24%
20) 2-Butanone-d5	7.08	46	63888	145.39	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	290.78%#
24) Chloroform-d	7.65	84	119162	40.88	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	163.52%#
26) 1,2-Dichloroethane-d4	8.31	65	56680	38.67	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	154.68%#
29) Benzene-d6	8.27	84	199670	73.64	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	294.56%#
33) 1,2-Dichloropropane-d6	9.27	67	72412	91.17	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	364.68%#
37) Toluene-d8	10.32	98	86364	33.59	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	134.36%#
38) trans-1,3-Dichloropropene-	10.57	79	7528	22.13	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	88.52%
39) 2-Hexanone-d5	10.93	63	22955	152.41	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	304.82%#
48) 1,1,2,2-Tetrachloroethane-	12.69	84	48801	81.37	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	325.48%#
61) 1,2-Dichlorobenzene-d4	13.86	152	6015	32.56	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	130.24%#

Target Compounds

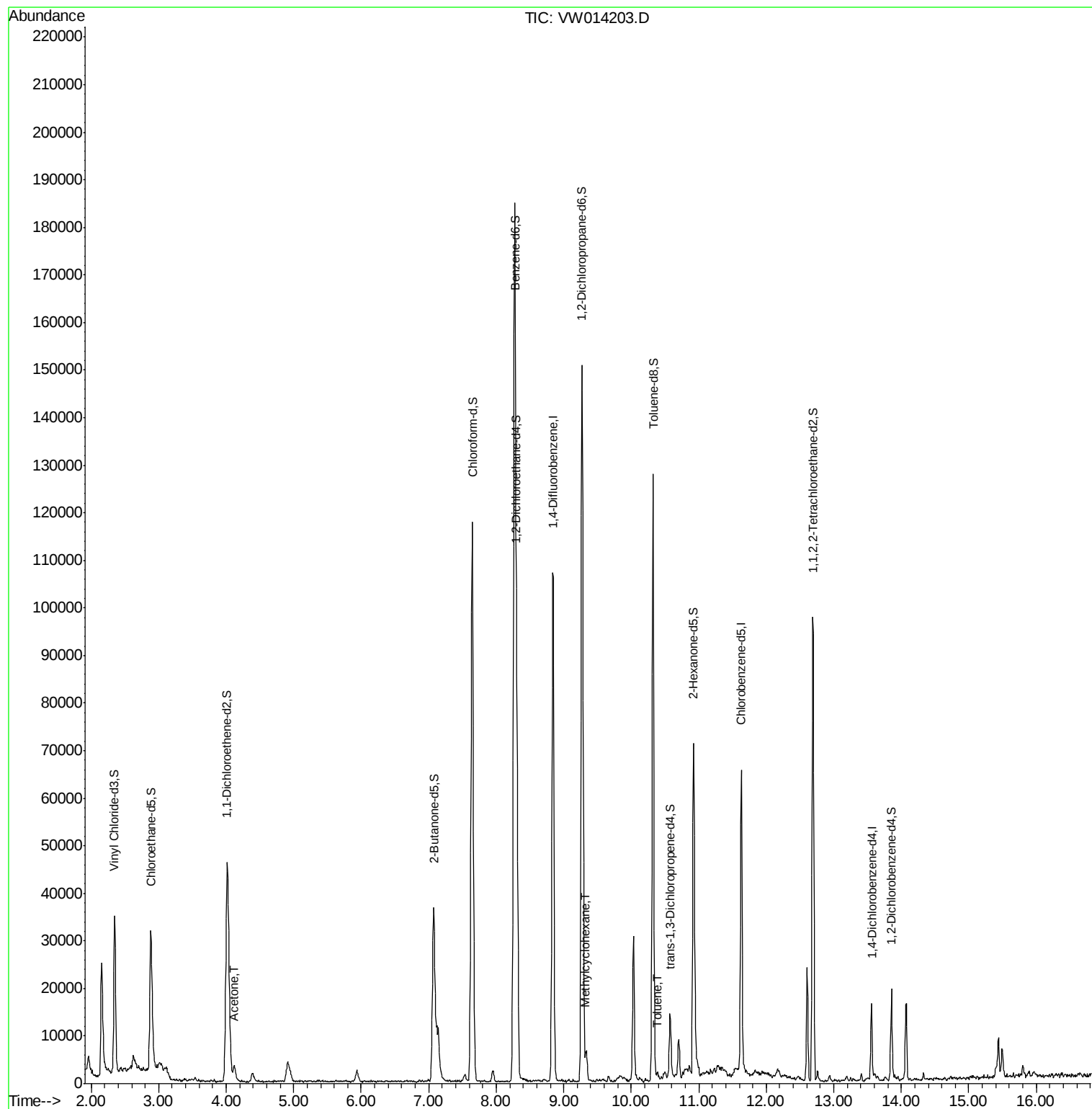
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Acetone	4.12	43	5442	12.170	ug/L	85
36) Methvlcvclohexane	9.32	83	2105	1.570	ug/L #	86
44) Toluene	10.38	91	1282	0.419	ug/L	92

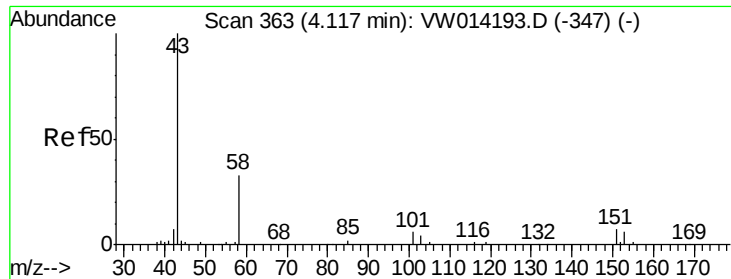
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 12.170 ug/L

RT: 4.12 min Scan# 364

Delta R.T. 0.01 min

Lab File: VW014203.D

Acq: 02 Dec 2019 15:01

Instrument :

MSVOA_W

ClientSampleId :

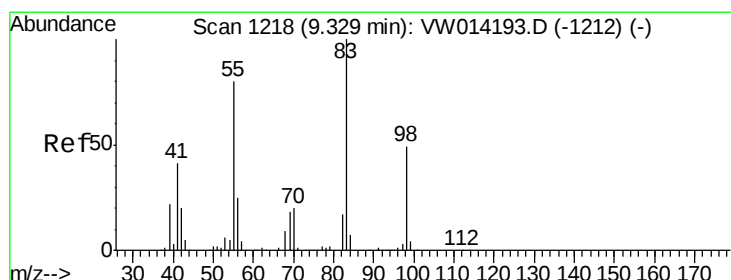
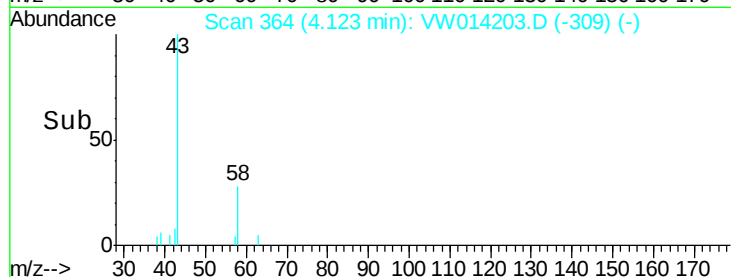
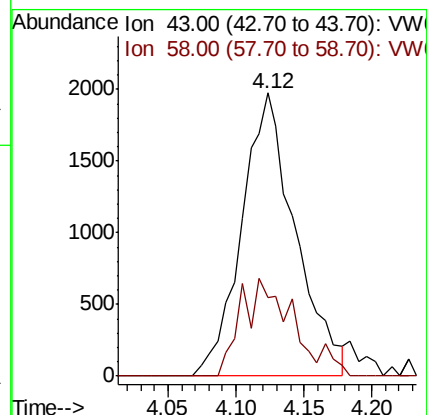
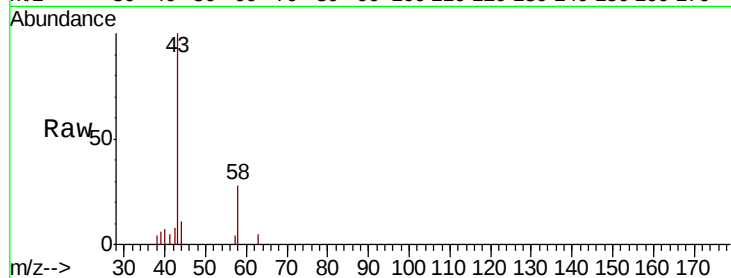
C0BR2RE

Tot Ion: 43 Resp: 5442

Ion Ratio Lower Upper

43 100

58 24.0 0.0 65.4



#36

Methylcyclohexane

Concen: 1.570 ug/L

RT: 9.32 min Scan# 1217

Delta R.T. -0.01 min

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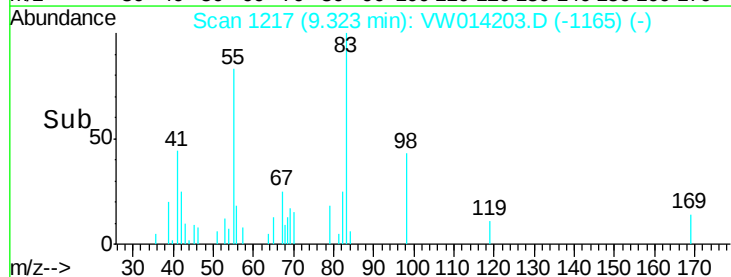
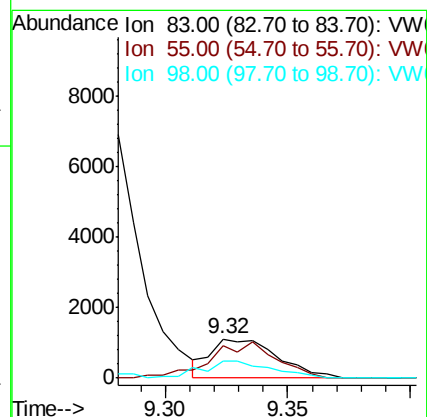
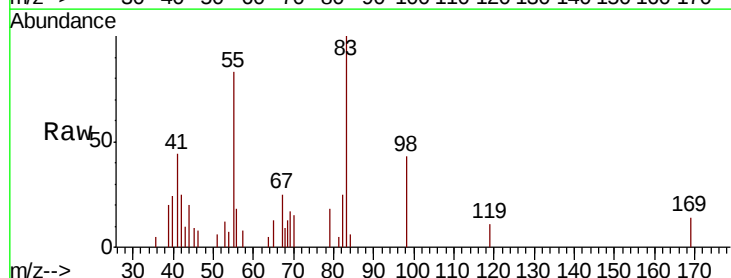
Tgt Ion: 83 Resp: 2105

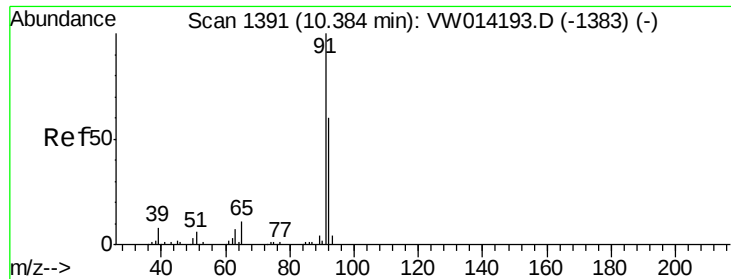
Ion Ratio Lower Upper

83 100

55 92.0 59.8 89.8#

98 46.2 39.5 59.3





#44

Toluene

Concen: 0.419 ug/L

RT: 10.38 min Scan# 1391

Delta R.T. 0.00 min

Lab File: VW014203.D

Acq: 02 Dec 2019 15:01

Instrument :

MSVOA_W

ClientSampleId :

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Tot Ion: 91 Resp: 1282

Ion Ratio Lower Upper

91 100

92 64.4 40.7 75.7

