

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW122019\
 Data File : VW014471.D
 Acq On : 20 Dec 2019 11:41
 Operator : SY/VA
 Sample : VIBLK20
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VIBLK20

Quant Time: Dec 21 04:37:07 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM120519S.M
 Quant Title : VOC Analysis
 QLast Update : Sat Dec 21 04:34:48 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	869138	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	781652	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.55	152	335161	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	228490	17.36	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	69.44%
7) Chloroethane-d5	2.88	69	200844	20.52	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	82.08%
10) 1,1-Dichloroethene-d2	4.01	63	350107	15.06	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	60.24%
20) 2-Butanone-d5	7.07	46	223454	65.15	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	130.30%
24) Chloroform-d	7.64	84	511169	23.10	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	92.40%
26) 1,2-Dichloroethane-d4	8.40	65	371	0.03	ug/L	0.10
Spiked Amount	25.000	Range	70 - 130	Recovery	=	0.12%#
29) Benzene-d6	8.27	84	1019561	22.26	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	89.04%
33) 1,2-Dichloropropane-d6	9.27	67	332800	23.61	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	94.44%
37) Toluene-d8	10.32	98	881882	21.29	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	85.16%
38) trans-1,3-Dichloropropene-	10.58	79	128777	21.78	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	87.12%
39) 2-Hexanone-d5	10.92	63	162505	57.99	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	115.98%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	305938	26.64	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	106.56%
61) 1,2-Dichlorobenzene-d4	13.85	152	299235	23.36	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	93.44%

Target Compounds

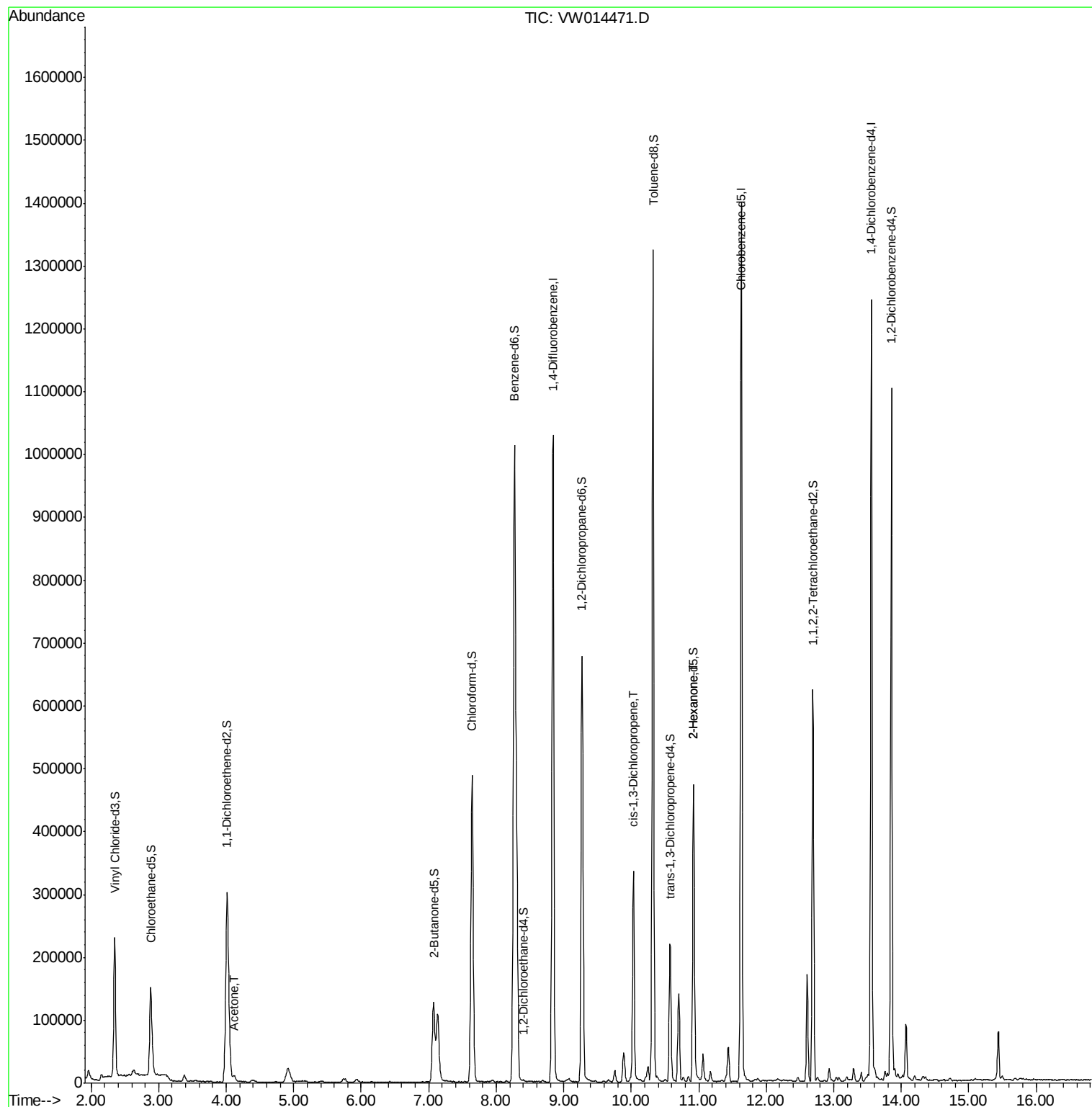
					Ovalue
13) Acetone	4.12	43	13865	4.193 ug/L	98
42) cis-1,3-Dichloropropene	10.03	75	8263	0.434 ug/L #	59
49) 2-Hexanone	10.92	43	19326	3.238 ug/L #	67

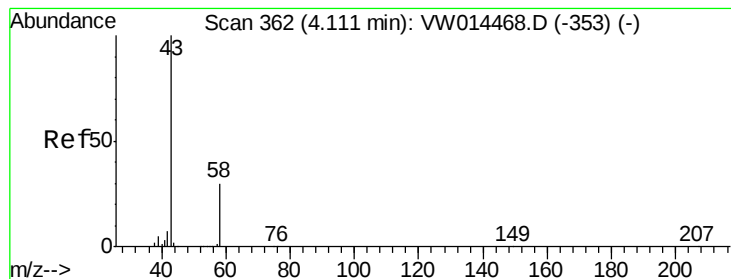
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 4.193 ug/L

RT: 4.12 min Scan# 364

Delta R.T. 0.01 min

Lab File: VW014471.D

Acq: 20 Dec 2019 11:41

Instrument :

MSVOA_W

ClientSampleId :

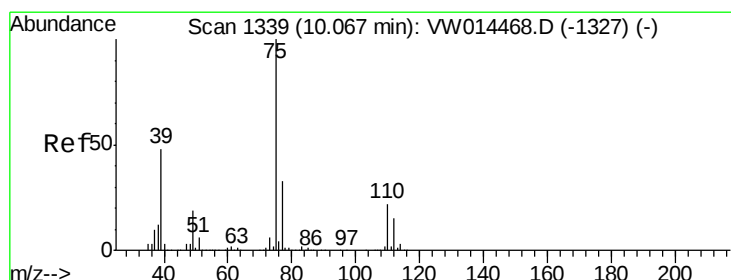
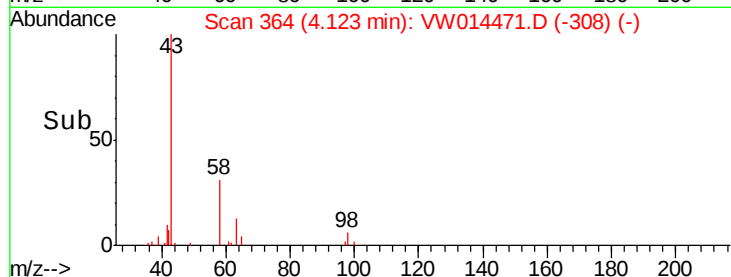
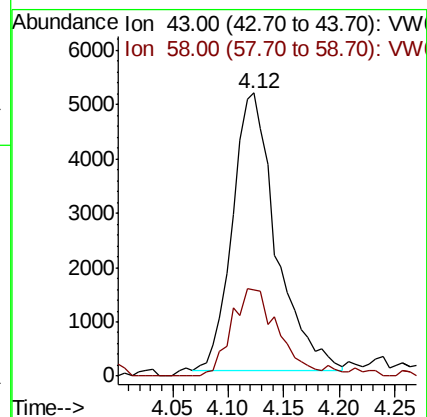
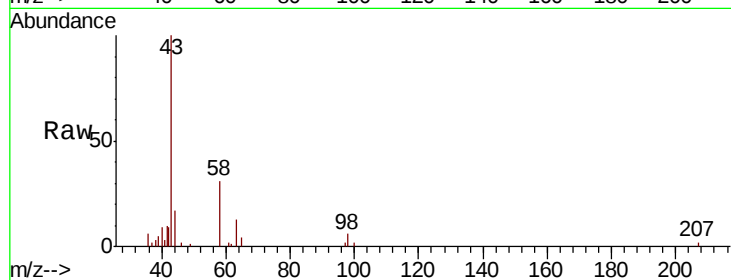
VIBLK20

Tot Ion: 43 Resp: 13865

Ion Ratio Lower Upper

43 100

58 33.6 0.0 65.4



#42

cis-1,3-Dichloropropene

Concen: 0.434 ug/L

RT: 10.03 min Scan# 1333

Delta R.T. -0.04 min

Lab File: VW014471.D

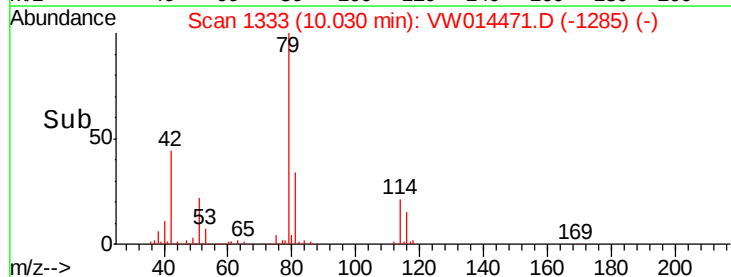
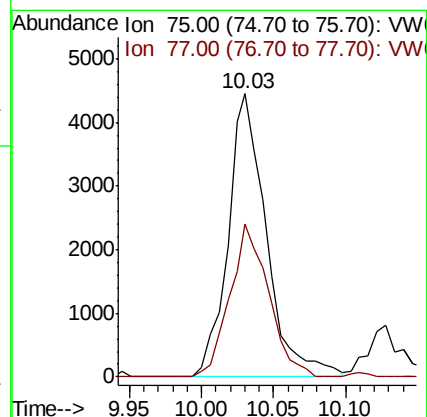
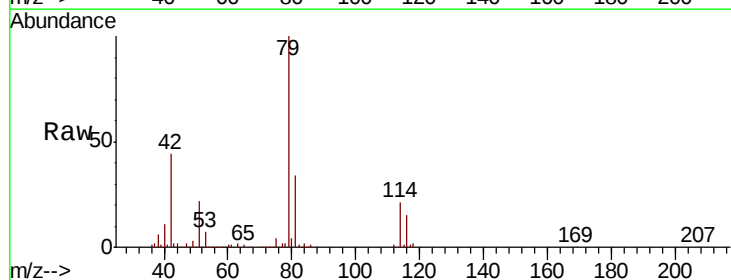
Acq: 20 Dec 2019 11:41

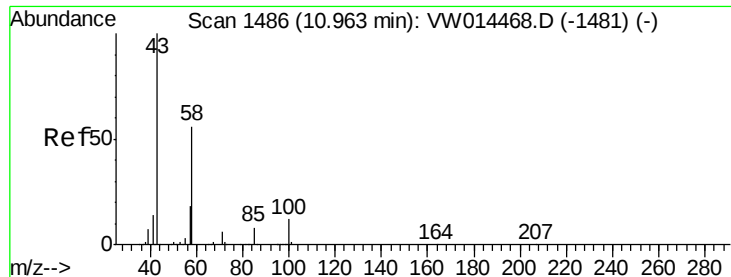
Tgt Ion: 75 Resp: 8263

Ion Ratio Lower Upper

75 100

77 54.2 22.1 41.1#





#49

2-Hexanone

Concen: 3.238 ug/L

RT: 10.92 min Scan# 1479

Delta R.T. -0.04 min

Lab File: VW014471.D

Acq: 20 Dec 2019 11:41

Instrument :

MSVOA_W

ClientSampleId :

VIBLK20

Tot Ion: 43 Resp: 19326

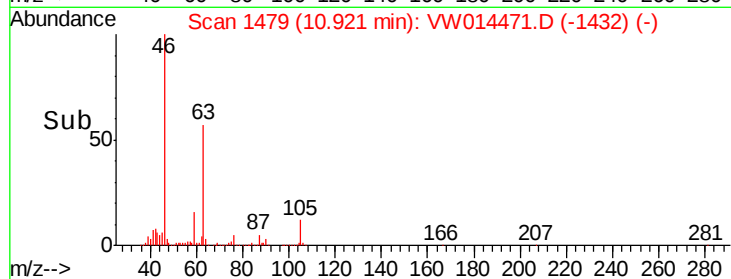
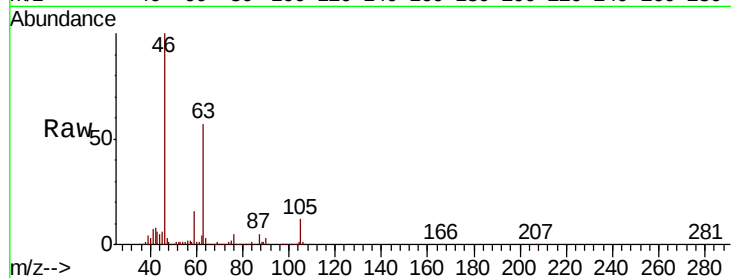
Ion Ratio Lower Upper

43 100

58 28.1 44.4 66.6#

57 32.9 16.5 24.7#

100 2.9 11.1 16.7#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

Ion 57.00 (56.70 to 57.70): VW

Ion 100.00 (99.70 to 100.70): VW

