

Data File : VW016851.D
Acq On : 08 Oct 2020 13:27
Operator : SY/VA
Sample : VIBLK
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VIBLK

Quant Time: Oct 09 08:09:45 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM100720S.M
Quant Title : VOC Analysis
QLast Update : Thu Oct 08 11:39:44 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	532041	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	489147	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	234749	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	126570	24.12	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	96.48%
7) Chloroethane-d5	2.90	69	104952	23.84	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	95.36%
10) 1,1-Dichloroethene-d2	4.03	63	189360	16.99	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	67.96%
20) 2-Butanone-d5	7.09	46	51775	43.55	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	87.10%
24) Chloroform-d	7.65	84	266813	23.77	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	95.08%
26) 1,2-Dichloroethane-d4	8.43	65	37	0.01	ug/L	0.12
Spiked Amount	25.000	Range	70 - 130	Recovery	=	0.04%#
29) Benzene-d6	8.27	84	540751	24.34	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	97.36%
33) 1,2-Dichloropropane-d6	9.27	67	148355	24.85	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	99.40%
37) Toluene-d8	10.33	98	505584	24.12	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	96.48%
38) trans-1,3-Dichloropropene-	10.58	79	57023	21.66	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	86.64%
39) 2-Hexanone-d5	10.93	63	42450	45.98	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	91.96%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	111159	23.05	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	92.20%
61) 1,2-Dichlorobenzene-d4	13.86	152	182769	24.55	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	98.20%

Target Compounds

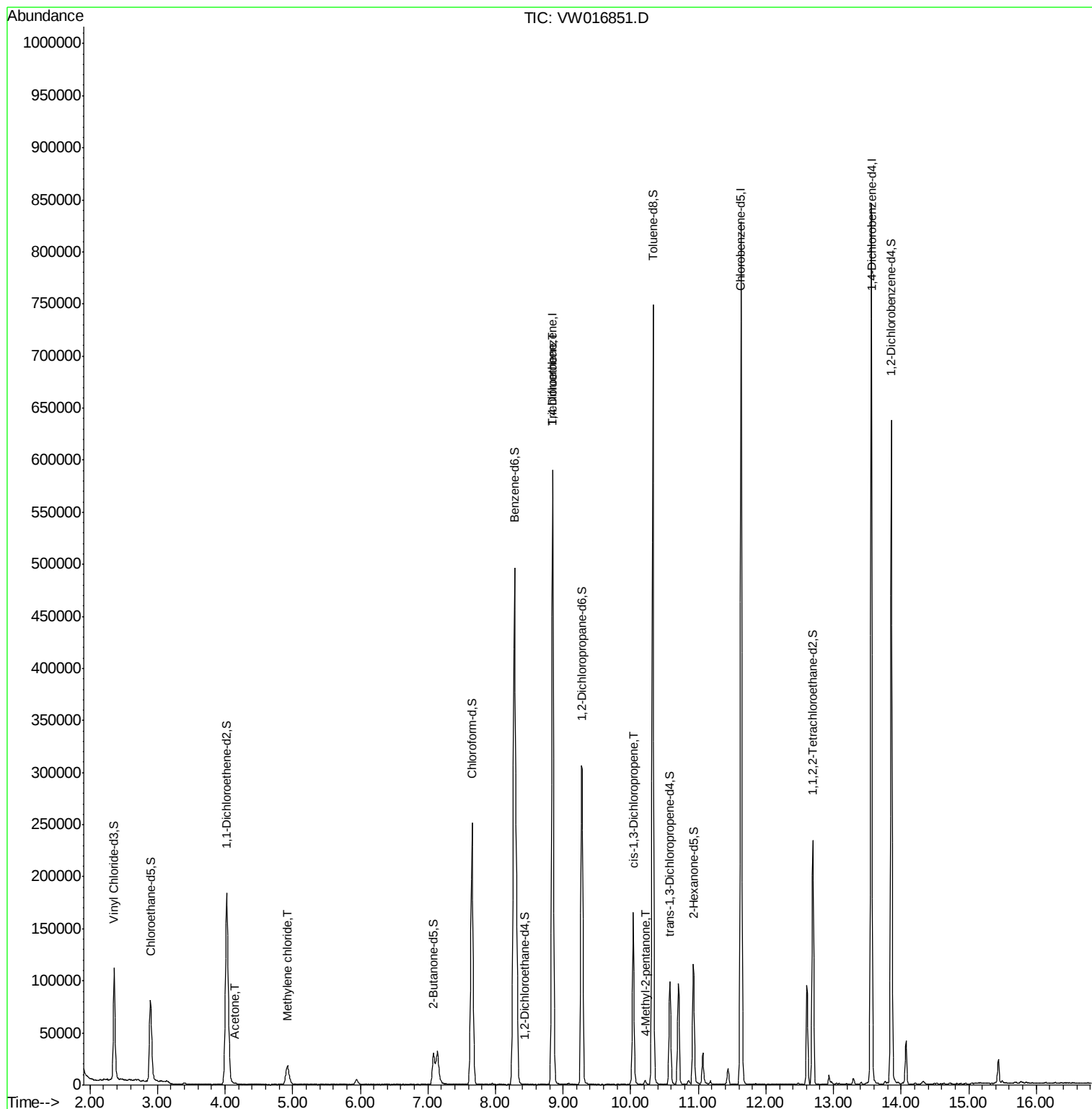
					Qvalue
13) Acetone	4.15	43	495	0.550 ug/L	86
16) Methylene chloride	4.92	84	16824	2.291 ug/L	91
35) Trichloroethene	8.85	95	15847	2.133 ug/L #	2
42) cis-1,3-Dichloropropene	10.04	75	4300	0.454 ug/L #	65
43) 4-Methyl-2-pentanone	10.21	43	2547	0.852 ug/L	97

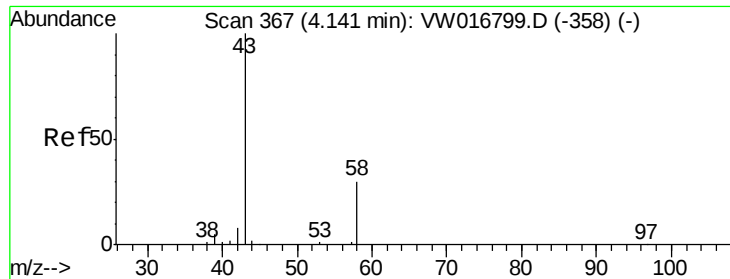
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 0.550 ug/L

RT: 4.15 min Scan# 368

Delta R.T. 0.02 min

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Instrument :

MSVOA_W

ClientSampled :

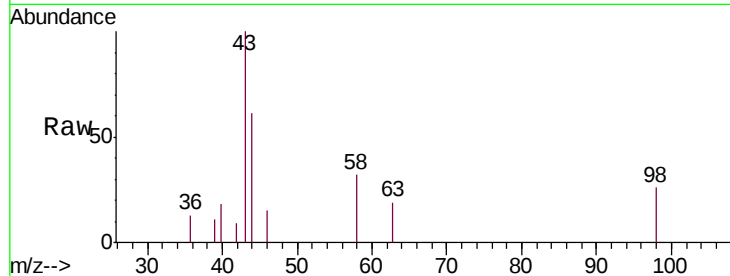
VIBLK

Tgt Ion: 43 Resp: 495

Ion Ratio Lower Upper

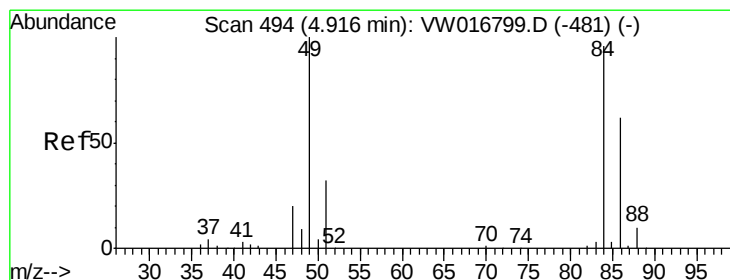
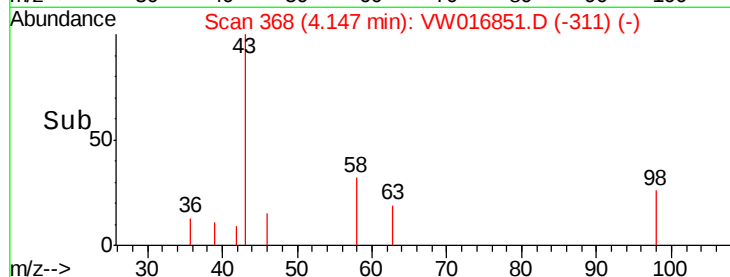
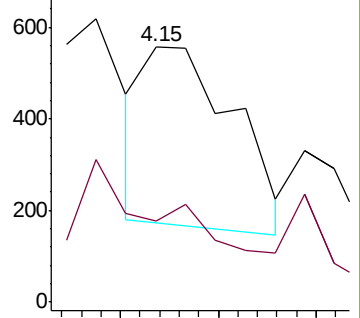
43 100

58 42.0 0.0 67.6



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#16

Methylene chloride

Concen: 2.291 ug/L

RT: 4.92 min Scan# 494

Delta R.T. -0.00 min

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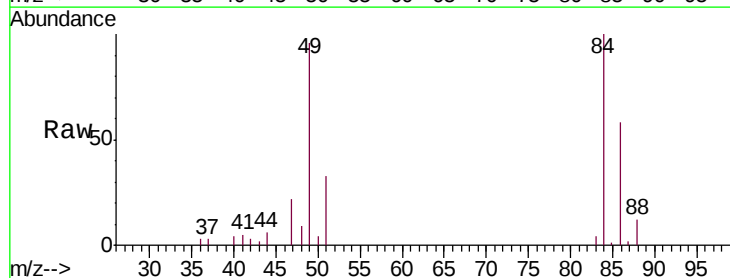
Tgt Ion: 84 Resp: 16824

Ion Ratio Lower Upper

84 100

49 96.3 73.1 135.8

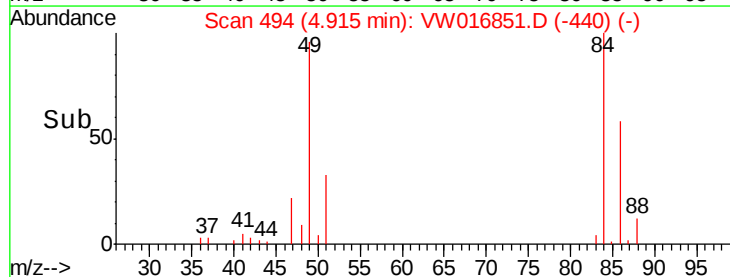
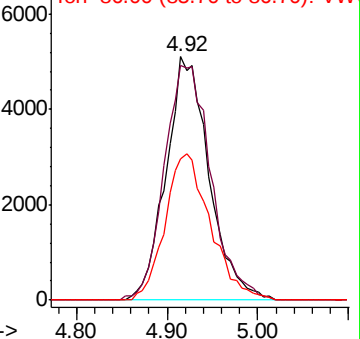
86 58.0 46.0 85.4

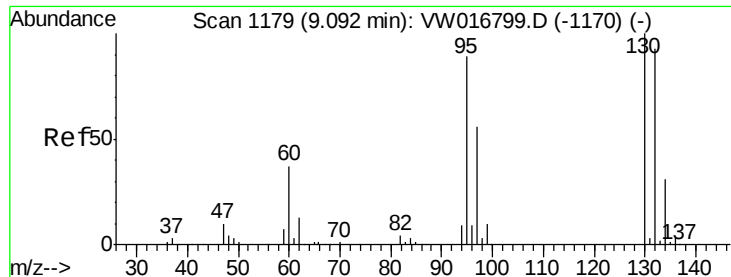


Abundance Ion 84.00 (83.70 to 84.70): VW

Ion 49.00 (48.70 to 49.70): VW

Ion 86.00 (85.70 to 86.70): VW





#35

Trichloroethene

Concen: 2.133 ug/L

RT: 8.85 min Scan# 1139

Delta R.T. -0.24 min

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MSVOA_W

ClientSampleId :

VIBLK

Tgt Ion: 95 Resp: 15847

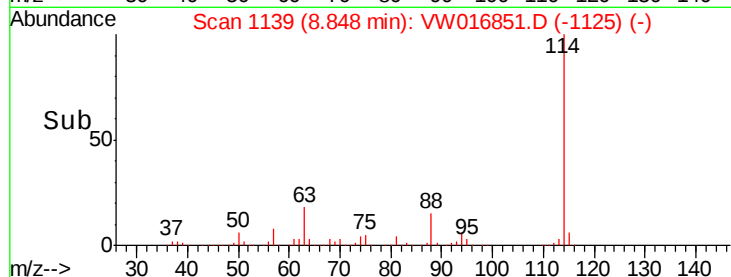
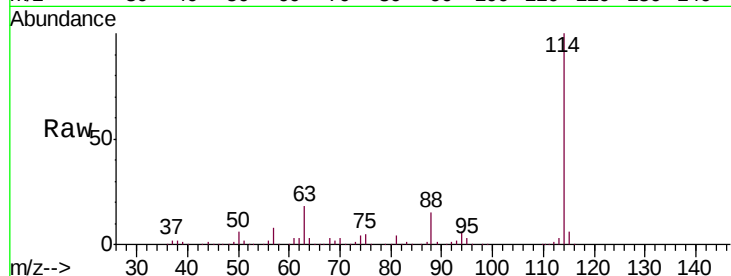
Ion Ratio Lower Upper

95 100

97 0.0 44.7 83.1#

132 0.0 73.8 137.2#

130 0.3 77.1 143.3#

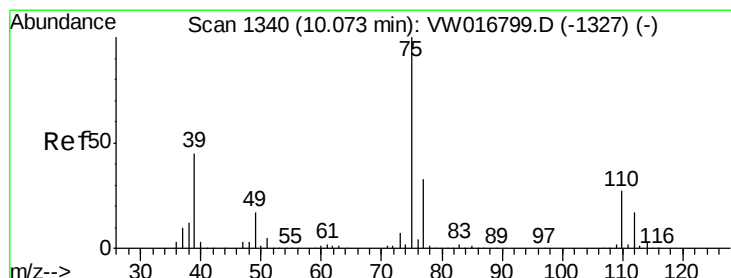
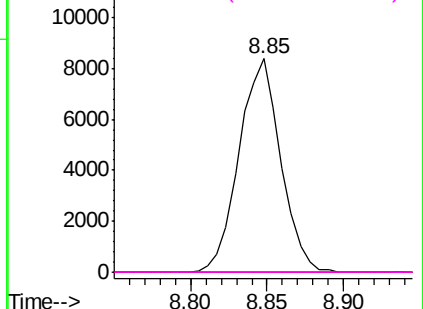


Abundance Ion 95.00 (94.70 to 95.70): VW

Ion 97.00 (96.70 to 97.70): VW

Ion 132.00 (131.70 to 132.70): VW

Ion 130.00 (129.70 to 130.70): VW



#42

cis-1,3-Dichloropropene

Concen: 0.454 ug/L

RT: 10.04 min Scan# 1335

Delta R.T. -0.03 min

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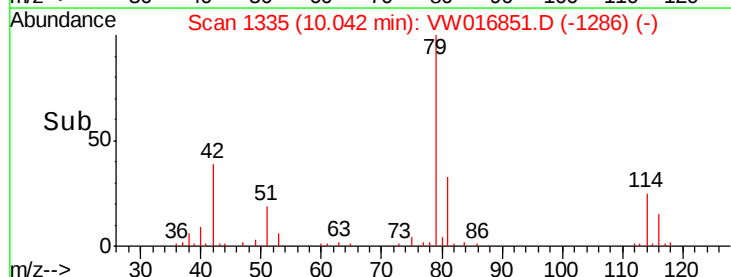
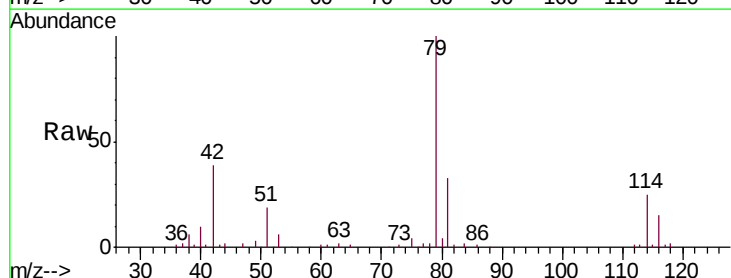
Acq: 08 Oct 2020 13:27

Tgt Ion: 75 Resp: 4300

Ion Ratio Lower Upper

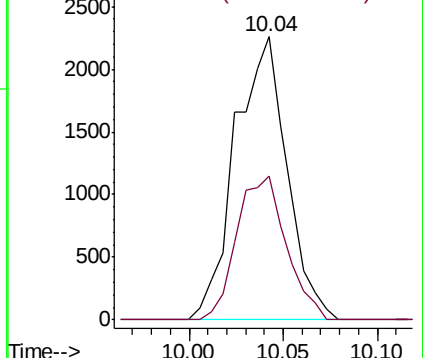
75 100

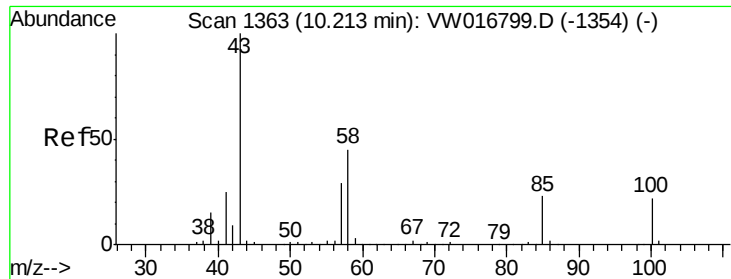
77 50.9 22.1 41.1#



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW





#43

4-Methyl-2-pentanone

Concen: 0.852 ug/L

RT: 10.21 min Scan# 1363

Delta R.T. -0.00 min

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Acq: 08 Oct 2020 13:27

Instrument :

MSVOA_W

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Tgt Ion: 43 Resp: 2547

Ion Ratio Lower Upper

43 100

58 40.9 34.7 52.1

100 21.6 16.9 25.3

