

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW113020\
 Data File : VW017511.D
 Acq On : 30 Nov 2020 11:20
 Operator : SY/VA
 Sample : L4861-13
 Misc : 5.04G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VHBLK02

Quant Time: Nov 30 12:34:28 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM112420S.M
 Quant Title : VOC Analysis
 QLast Update : Mon Nov 30 12:31:54 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	447947	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	401327	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	206908	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	140385	23.82	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	95.28%
7) Chloroethane-d5	2.89	69	109846	22.09	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	88.36%
10) 1,1-Dichloroethene-d2	4.03	63	237055	18.07	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	72.28%
20) 2-Butanone-d5	7.09	46	56540	45.50	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	91.00%
24) Chloroform-d	7.65	84	307137	24.13	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	96.52%
26) 1,2-Dichloroethane-d4	8.31	65	153533	24.59	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	98.36%
29) Benzene-d6	8.27	84	613164	24.85	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	99.40%
33) 1,2-Dichloropropane-d6	9.27	67	171348	25.09	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	100.36%
37) Toluene-d8	10.32	98	568216	25.28	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	101.12%
38) trans-1,3-Dichloropropene-	10.58	79	74059	24.27	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	97.08%
39) 2-Hexanone-d5	10.93	63	38423	45.46	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	90.92%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	115778	23.56	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	94.24%
61) 1,2-Dichlorobenzene-d4	13.85	152	202334	26.41	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	105.64%

Target Compounds

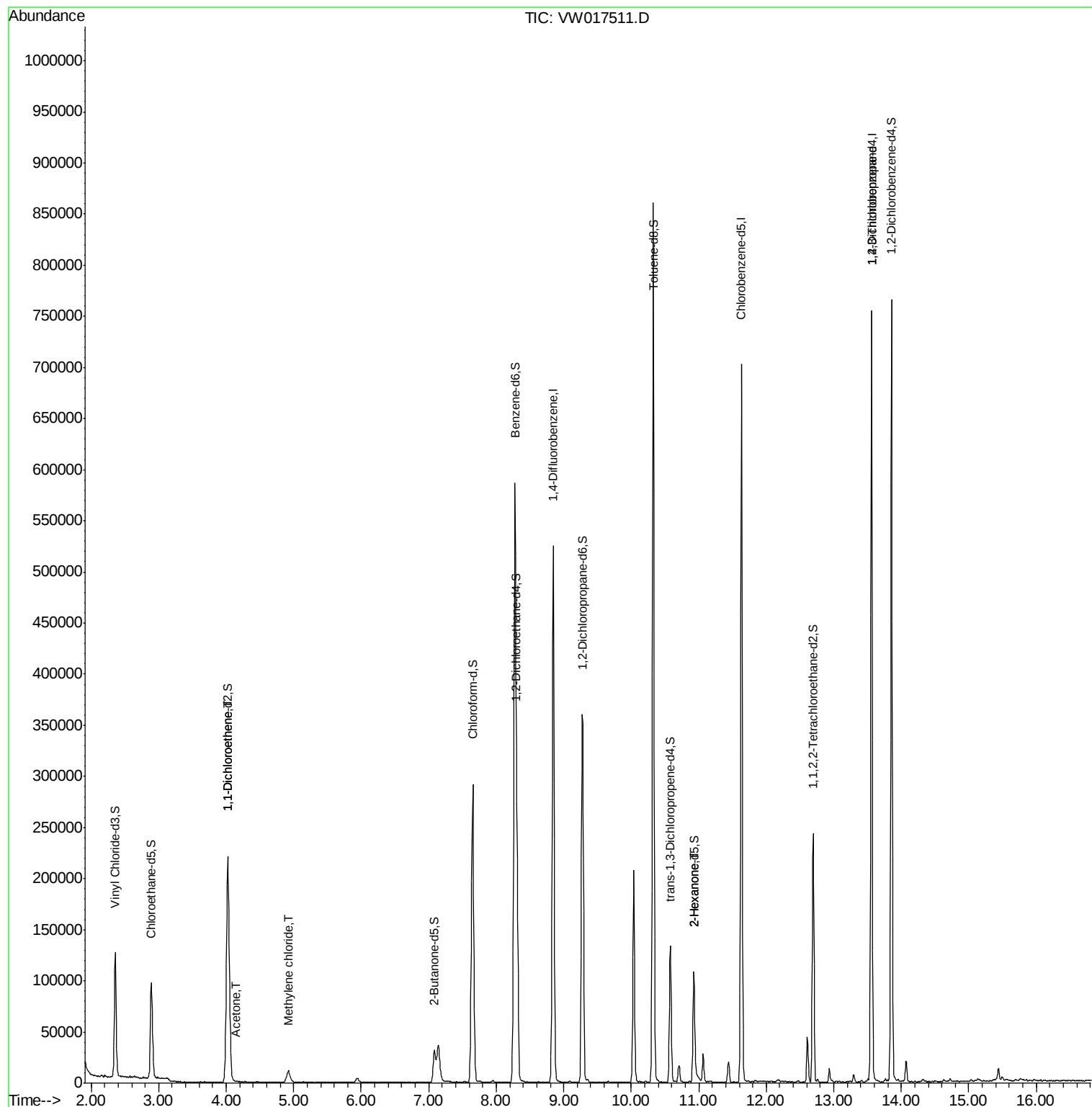
					Qvalue
12) 1,1-Dichloroethene	4.03	96	2094	0.337 ug/L #	1
13) Acetone	4.14	43	589	0.493 ug/L	92
16) Methylene chloride	4.92	84	9428	1.402 ug/L	93
49) 2-Hexanone	10.93	43	4888	2.654 ug/L #	56
59) 1,2,3-Trichloropropane	13.55	75	23048	6.834 ug/L	97

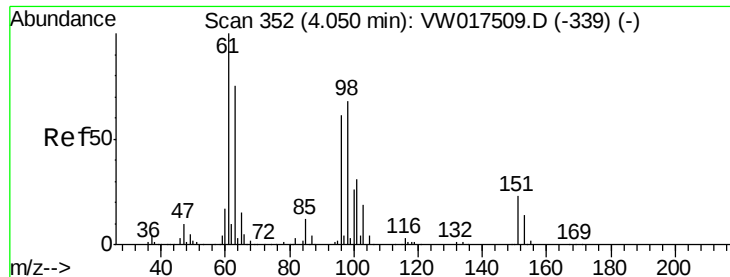
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM112420S.M
Quant Title : VOC Analysis
QLast Update : Mon Nov 30 12:31:54 2020
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 0.337 ug/L

RT: 4.03 min Scan# 348

Delta R.T. -0.02 min

Lab File: VW017511.D

Acq: 30 Nov 2020 11:20

Instrument :

MSVOA_W

ClientSampleId :

VHBLK02

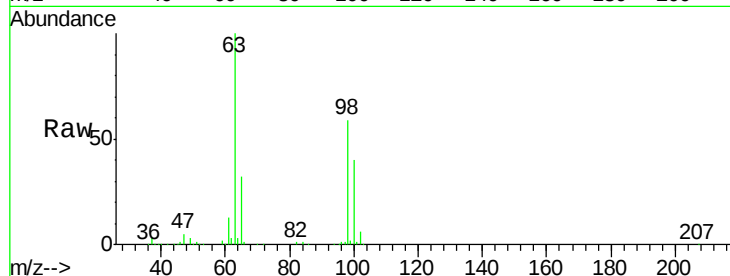
Tgt Ion: 96 Resp: 2094

Ion Ratio Lower Upper

96 100

61 1480.3 112.5 208.9#

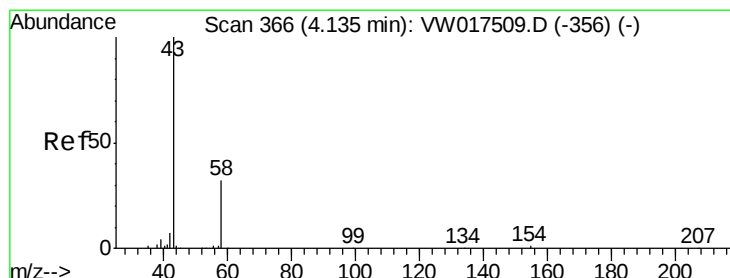
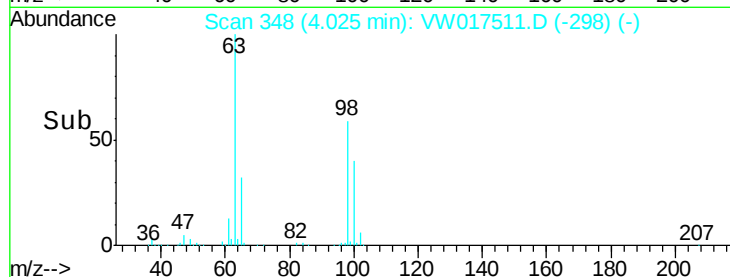
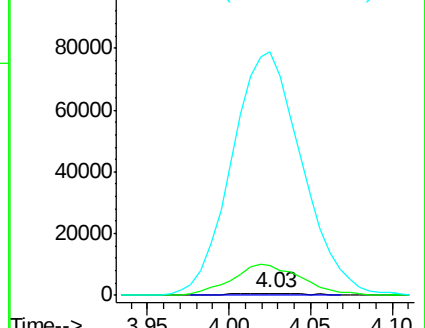
63 11837.8 83.1 154.3#



Abundance Ion 96.00 (95.70 to 96.70): VW

Ion 61.00 (60.70 to 61.70): VW

Ion 63.00 (62.70 to 63.70): VW



#13

Acetone

Concen: 0.493 ug/L

RT: 4.14 min Scan# 367

Delta R.T. 0.01 min

Lab File: VW017511.D

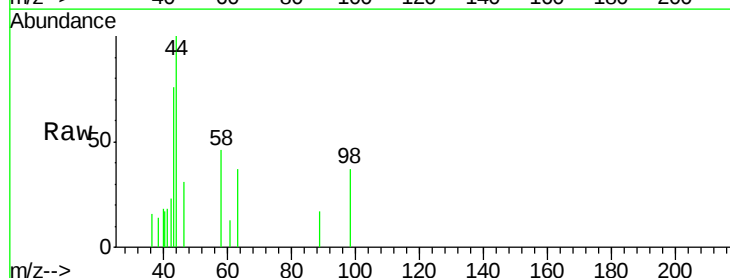
Acq: 30 Nov 2020 11:20

Tgt Ion: 43 Resp: 589

Ion Ratio Lower Upper

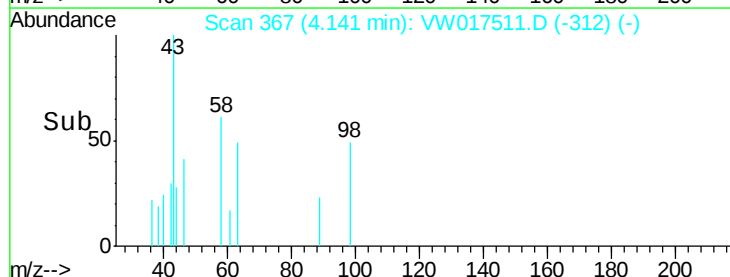
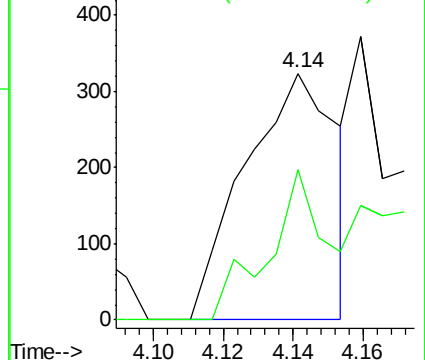
43 100

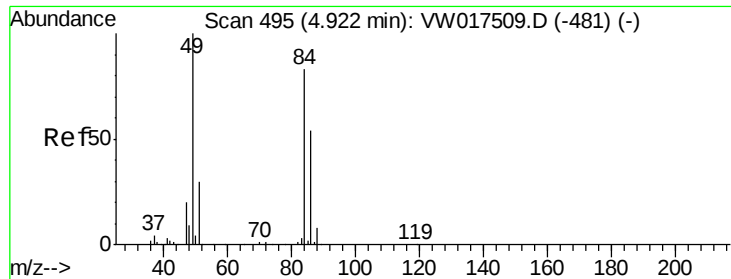
58 29.9 0.0 68.4



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

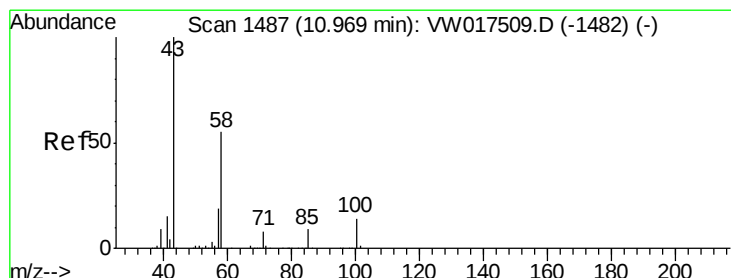
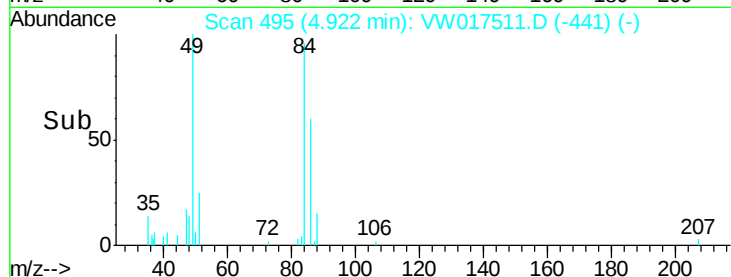
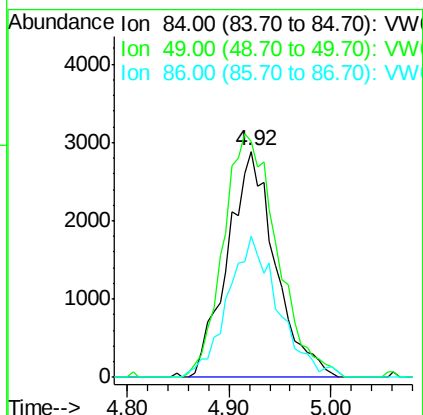
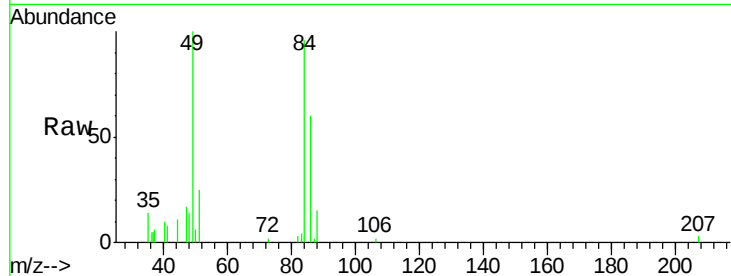




#16
Methylene chloride
Concen: 1.402 ug/L
RT: 4.92 min Scan# 495
Delta R.T. 0.00 min
Lab File: VW017511.D
Acq: 30 Nov 2020 11:20

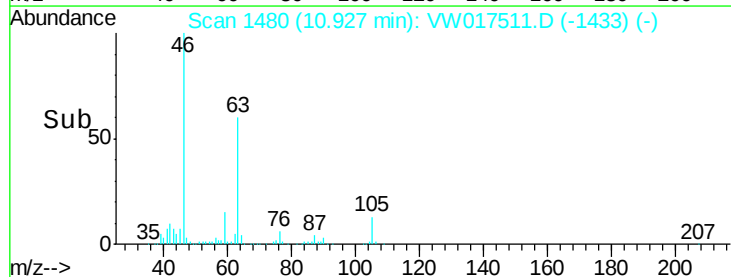
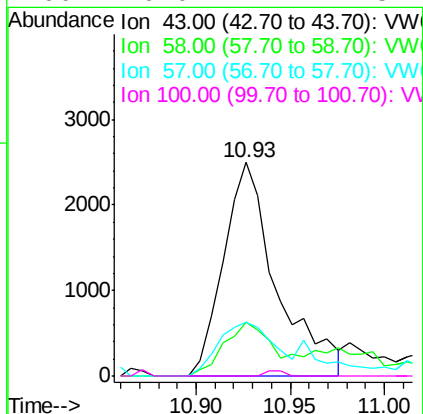
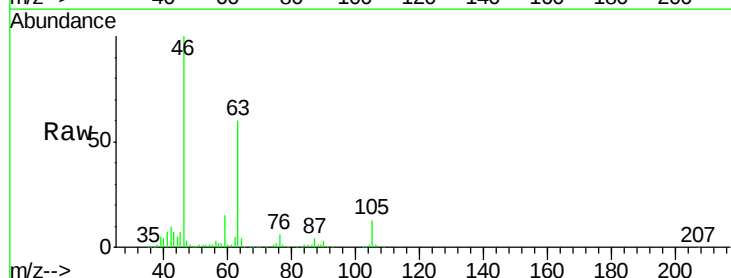
Instrument :
MSVOA_W
ClientSampled :
VHBLK02

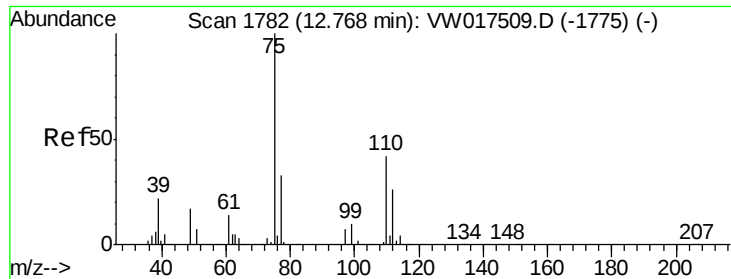
Tgt Ion: 84 Resp: 9428
Ion Ratio Lower Upper
84 100
49 104.3 81.2 150.8
86 62.7 44.5 82.7



#49
2-Hexanone
Concen: 2.654 ug/L
RT: 10.93 min Scan# 1480
Delta R.T. -0.04 min
Lab File: VW017511.D
Acq: 30 Nov 2020 11:20

Tgt Ion: 43 Resp: 4888
Ion Ratio Lower Upper
43 100
58 21.4 51.3 76.9#
57 26.2 15.0 22.6#
100 0.0 12.2 18.2#





#59

1,2,3-Trichloropropane

Concen: 6.834 ug/L

RT: 13.55 min Scan# 1911

Delta R.T. 0.79 min

Lab File: VW017511.D

Acq: 30 Nov 2020 11:20

Instrument :

MSVOA_W

ClientSampleId :

VHBLK02

Tgt Ion: 75 Resp: 23048

Ion Ratio Lower Upper

75 100

77 35.2 26.6 39.8

