

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW111720\
 Data File : VW017273.D
 Acq On : 17 Nov 2020 10:06
 Operator : SY/VA
 Sample : VW1117SBL01
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VBLK03

Quant Time: Nov 18 02:15:16 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM110420S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Nov 18 02:13:37 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	374842	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	341270	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	166247	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	86209	18.26	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	73.04%
7) Chloroethane-d5	2.90	69	80585	22.15	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	88.60%
10) 1,1-Dichloroethene-d2	4.03	63	136004	16.10	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	64.40%
20) 2-Butanone-d5	7.08	46	46436	43.98	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	87.96%
24) Chloroform-d	7.65	84	216628	24.76	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	99.04%
26) 1,2-Dichloroethane-d4	8.31	65	109889	25.26	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	101.04%
29) Benzene-d6	8.28	84	408213	23.49	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	93.96%
33) 1,2-Dichloropropane-d6	9.27	67	112881	23.48	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	93.92%
37) Toluene-d8	10.33	98	387250	23.63	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	94.52%
38) trans-1,3-Dichloropropene-	10.58	79	47553	21.94	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	87.76%
39) 2-Hexanone-d5	10.93	63	37501	44.70	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	89.40%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	96364	23.01	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	92.04%
61) 1,2-Dichlorobenzene-d4	13.85	152	151889	25.93	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	103.72%

Target Compounds

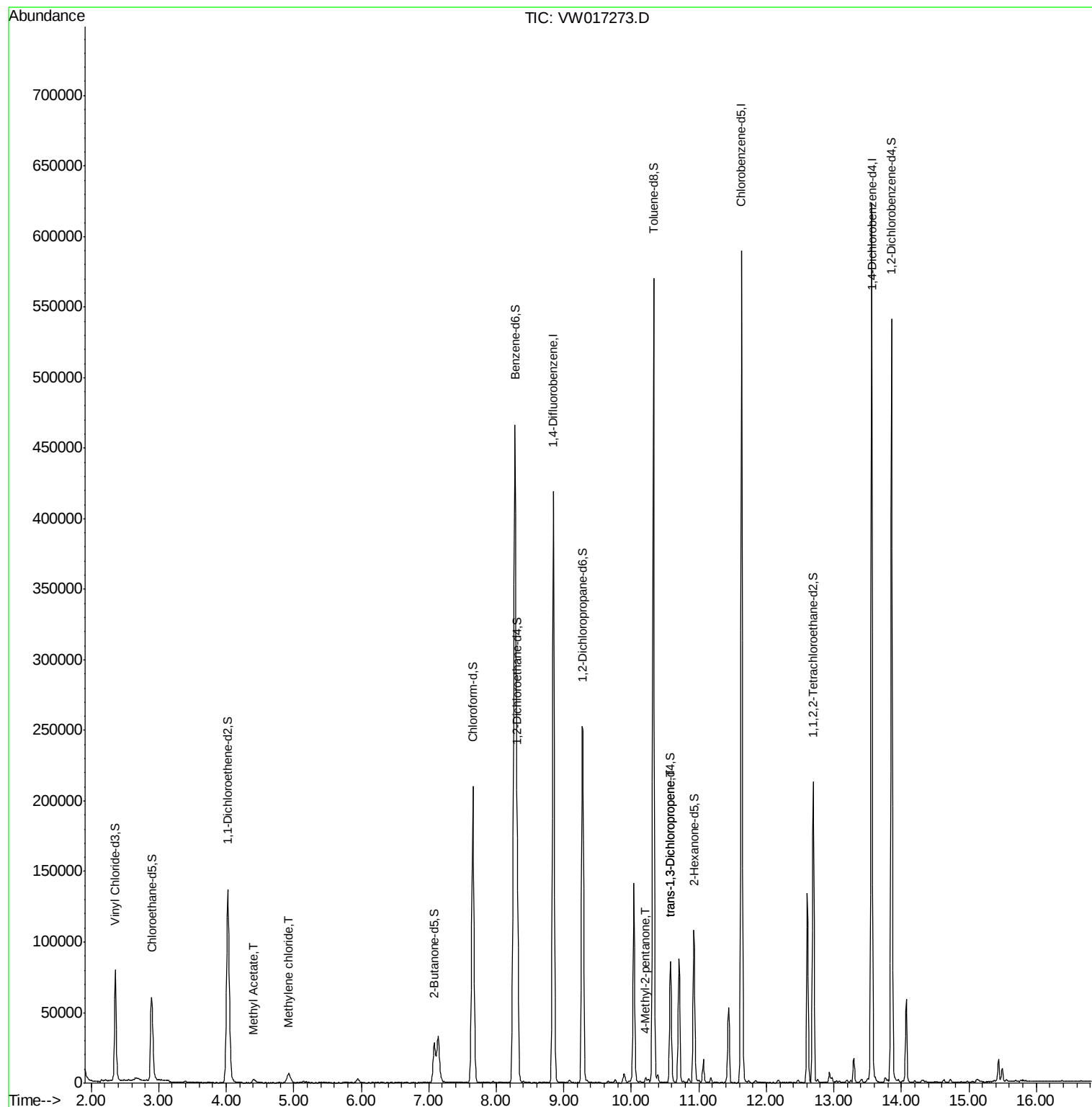
				Ovalue
15) Methyl Acetate	4.40	43	700	0.399 ug/L # 48
16) Methylene chloride	4.93	84	5735	1.135 ug/L 92
43) 4-Methyl-2-pentanone	10.21	43	2283	0.883 ug/L # 89
45) trans-1,3-Dichloropropene	10.58	75	2832	0.497 ug/L # 79

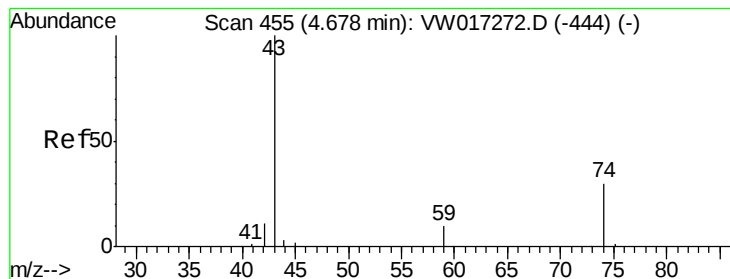
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Wed Nov 18 02:13:37 2020
Response via : Initial Calibration





#15

Methyl Acetate

Concen: 0.399 ug/L

RT: 4.40 min Scan# 410

Delta R.T. -0.27 min

Lab File: VW017273.D

Acq: 17 Nov 2020 10:06

Instrument :

MSVOA_W

ClientSampleId :

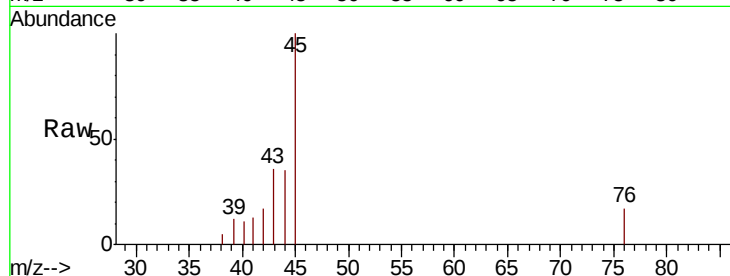
VBLK03

Tot Ion: 43 Resp: 700

Ion Ratio Lower Upper

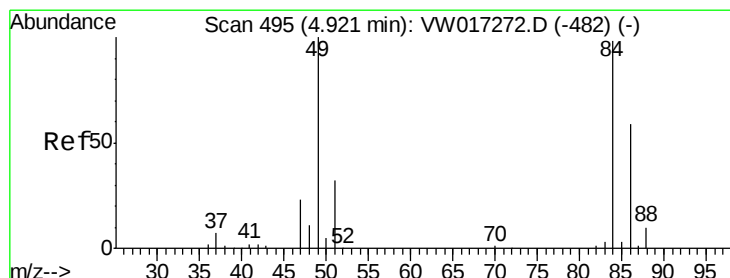
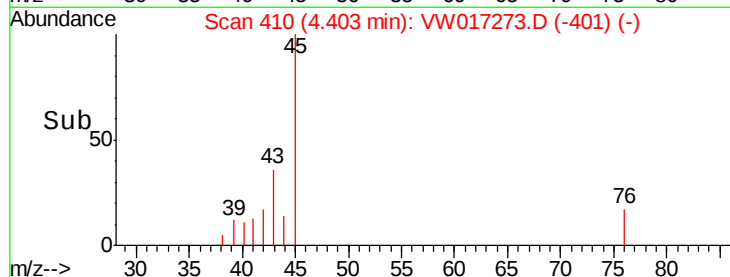
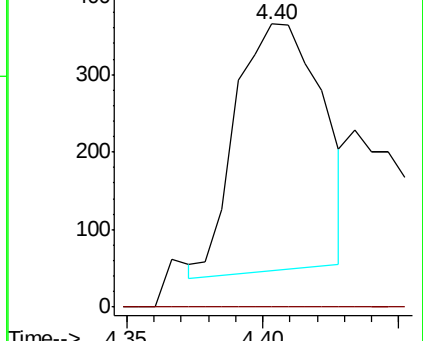
43 100

74 0.0 21.5 32.3#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 74.00 (73.70 to 74.70): VW



#16

Methylene chloride

Concen: 1.135 ug/L

RT: 4.93 min Scan# 496

Delta R.T. 0.01 min

Lab File: VW017273.D

Acq: 17 Nov 2020 10:06

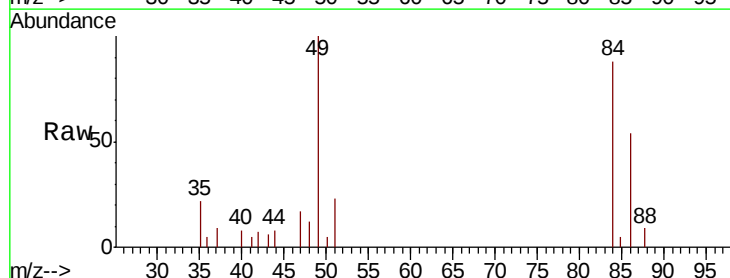
Tgt Ion: 84 Resp: 5735

Ion Ratio Lower Upper

84 100

49 113.0 72.3 134.3

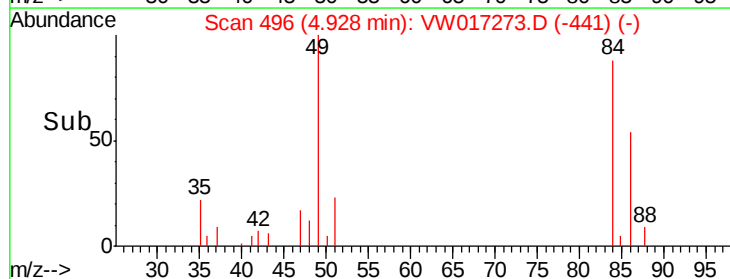
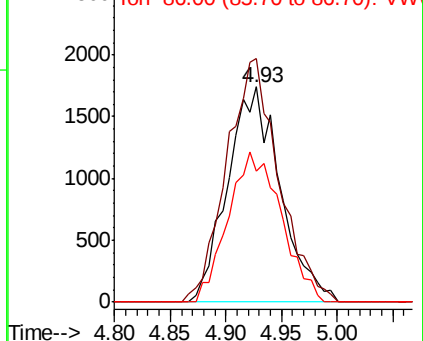
86 60.8 45.1 83.7

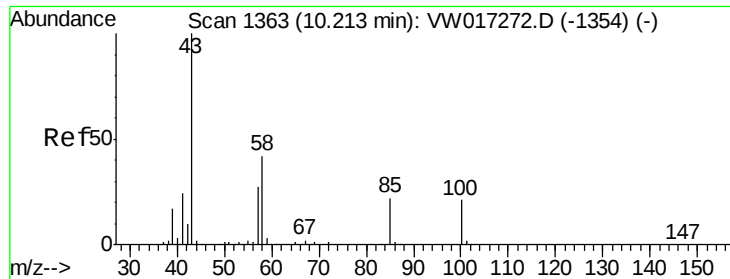


Abundance Ion 84.00 (83.70 to 84.70): VW

Ion 49.00 (48.70 to 49.70): VW

Ion 86.00 (85.70 to 86.70): VW

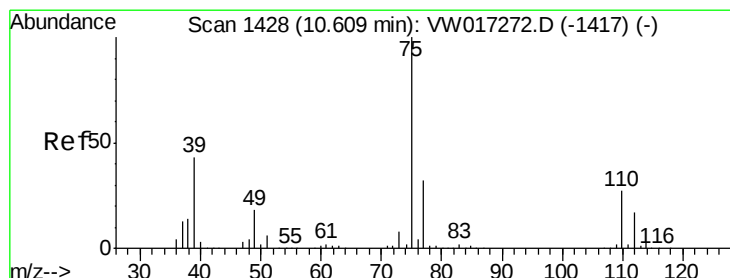
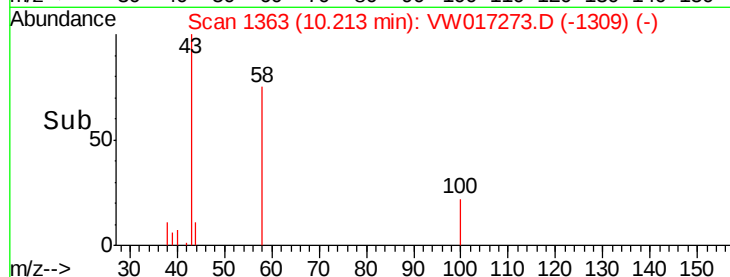
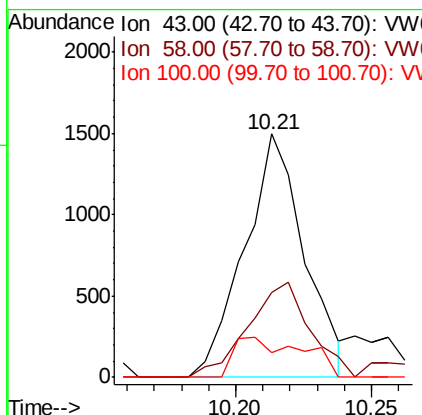
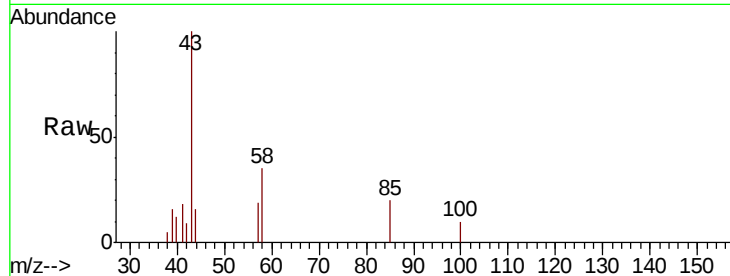




#43
4-Methyl-2-pentanone
Concen: 0.883 ug/L
RT: 10.21 min Scan# 1363
Delta R.T. 0.00 min
Lab File: VW017273.D
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Instrument :
MSVOA_W
ClientSampled :
VBLK03

Tot Ion: 43 Resp: 2283
Ion Ratio Lower Upper
43 100
58 40.4 35.0 52.6
100 10.2 16.6 24.8#



#45
trans-1,3-Dichloropropene
Concen: 0.497 ug/L
RT: 10.58 min Scan# 1423
Delta R.T. -0.03 min
Lab File: VW017273.D
Acq: 17 Nov 2020 10:06

Tgt Ion: 75 Resp: 2832
Ion Ratio Lower Upper
75 100
77 43.1 22.1 41.1#

