

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW092820\
 Data File : VW016661.D
 Acq On : 28 Sep 2020 11:50
 Operator : SY/VA
 Sample : L4108-09
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VHBLK02

Quant Time: Sep 29 05:28:07 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM091520S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Sep 29 05:26:53 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	647859	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	563295	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	274167	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.37	65	101887	16.25	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	65.00%
7) Chloroethane-d5	2.90	69	94954	18.55	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	74.20%
10) 1,1-Dichloroethene-d2	4.03	63	168330	12.01	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	48.04%
20) 2-Butanone-d5	7.09	46	69464	40.63	ug/L	0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	=	81.26%
24) Chloroform-d	7.66	84	299707	22.11	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	88.44%
26) 1,2-Dichloroethane-d4	8.31	65	156111	22.44	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	89.76%
29) Benzene-d6	8.28	84	534957	21.18	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	84.72%
33) 1,2-Dichloropropane-d6	9.28	67	158151	23.10	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	92.40%
37) Toluene-d8	10.33	98	487177	19.60	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	78.40%
38) trans-1,3-Dichloropropene-	10.58	79	73220	21.22	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	84.88%
39) 2-Hexanone-d5	10.93	63	57519	46.19	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	92.38%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	135652	23.29	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	93.16%
61) 1,2-Dichlorobenzene-d4	13.86	152	206794	23.61	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	94.44%

Target Compounds

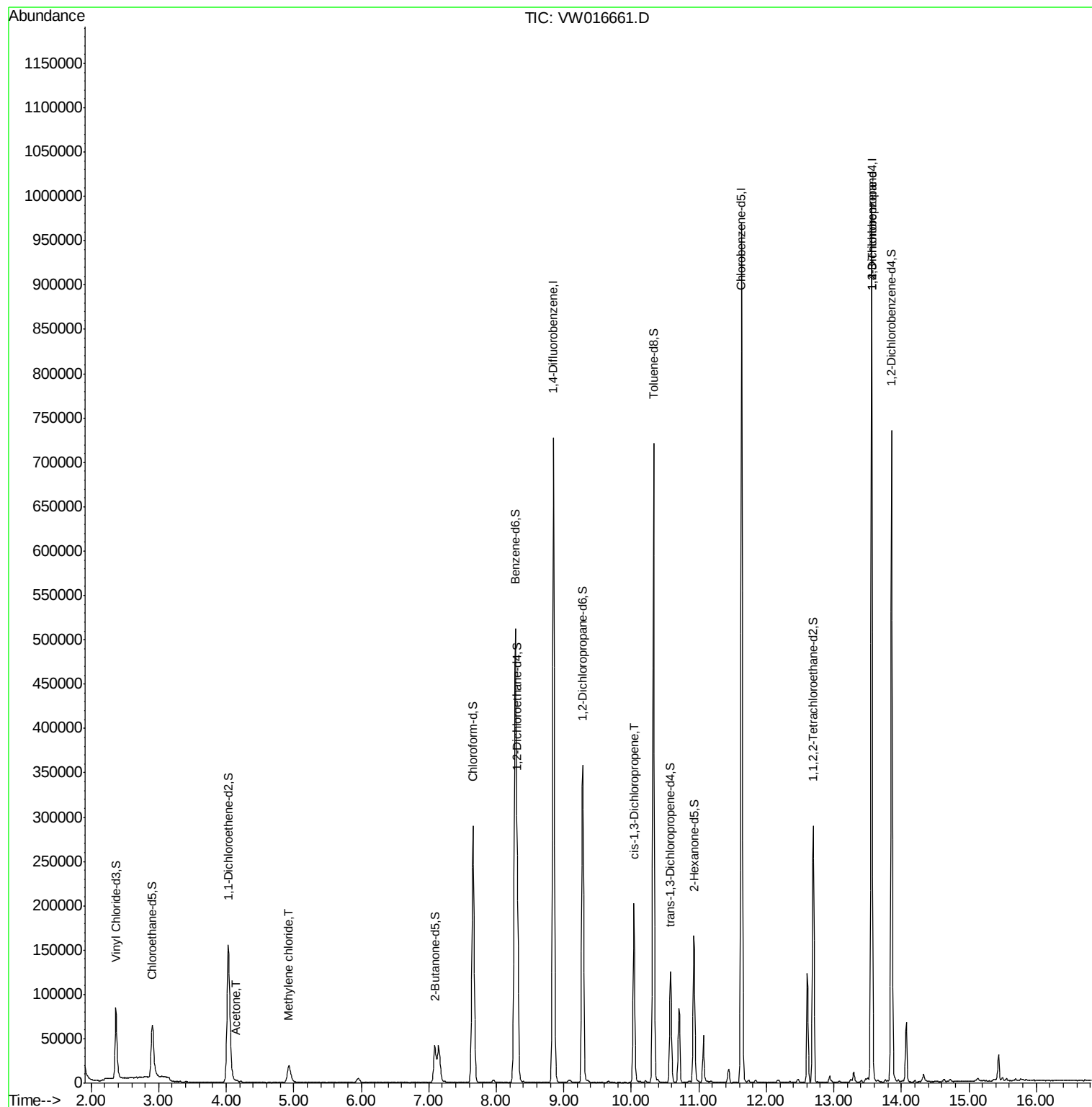
					Ovalue
13) Acetone	4.15	43	3158	2.358 ug/L	92
16) Methylene chloride	4.93	84	17965	1.798 ug/L	92
42) cis-1,3-Dichloropropene	10.04	75	5681	0.474 ug/L #	72
59) 1,2,3-Trichloropropane	13.56	75	28792	5.843 ug/L	91

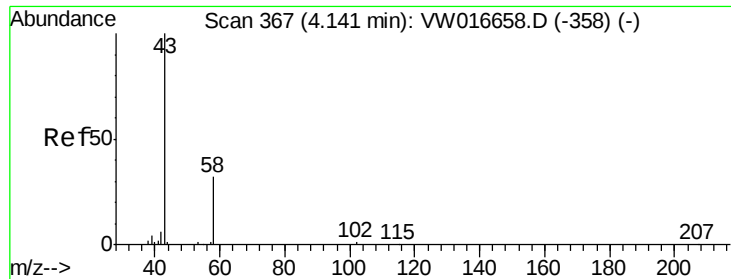
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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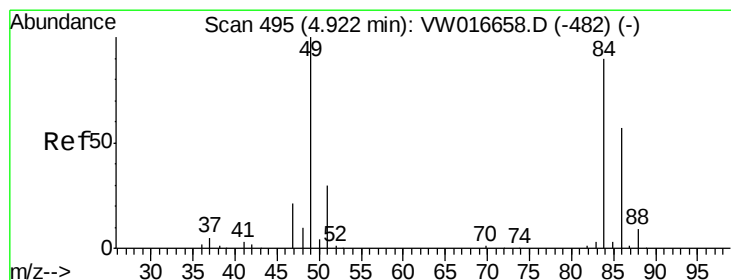
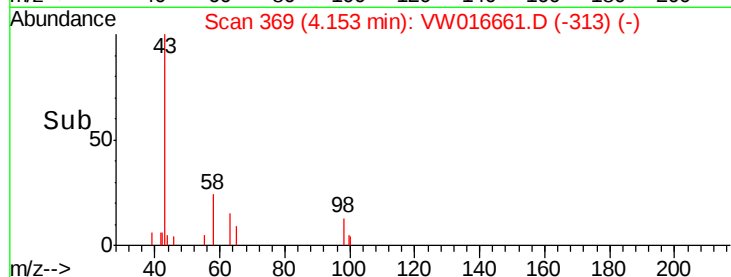
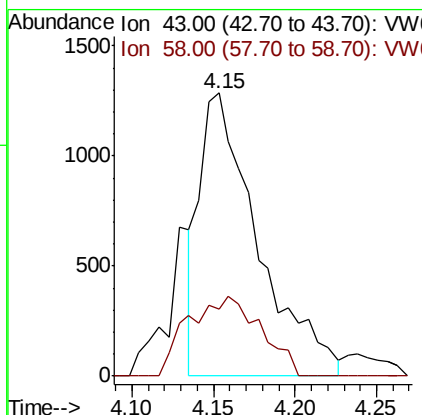
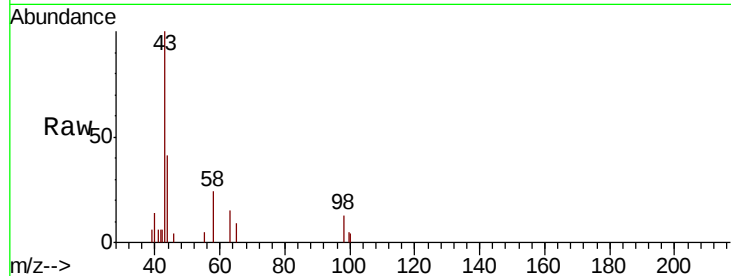




#13
Acetone
Concen: 2.358 ug/L
RT: 4.15 min Scan# 369
Delta R.T. 0.01 min
Lab File: VW016661.D
Acq: 28 Sep 2020 11:50

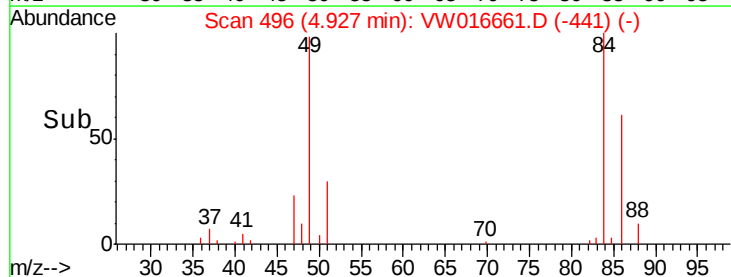
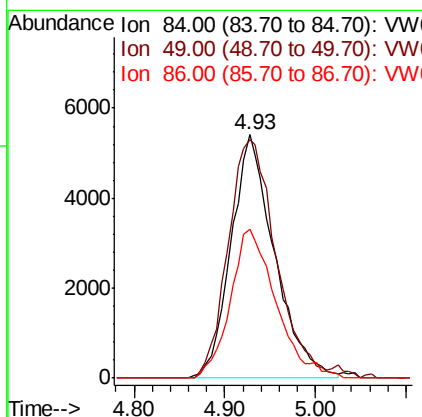
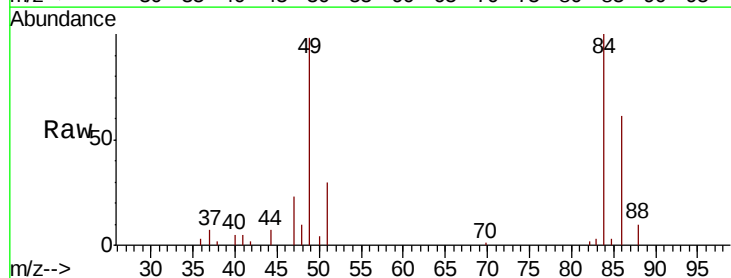
Instrument :
MSVOA_W
ClientSampled :
VHBLK02

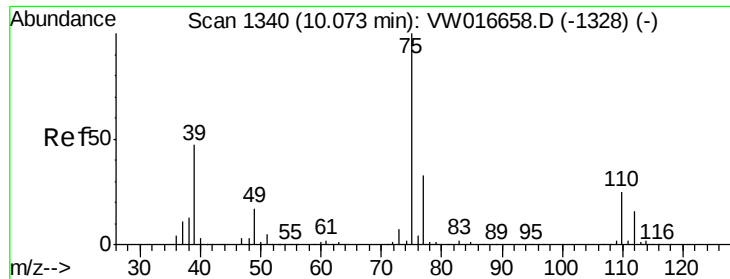
Tot Ion: 43 Resp: 3158
Ion Ratio Lower Upper
43 100
58 25.6 0.0 60.2



#16
Methylene chloride
Concen: 1.798 ug/L
RT: 4.93 min Scan# 496
Delta R.T. 0.01 min
Lab File: VW016661.D
Acq: 28 Sep 2020 11:50

Tgt Ion: 84 Resp: 17965
Ion Ratio Lower Upper
84 100
49 98.0 76.0 141.2
86 61.3 45.6 84.6





#42

cis-1,3-Dichloropropene

Concen: 0.474 ug/L

RT: 10.04 min Scan# 1335

Delta R.T. -0.03 min

Lab File: VW016661.D

Acq: 28 Sep 2020 11:50

Instrument :

MSVOA_W

ClientSampleId :

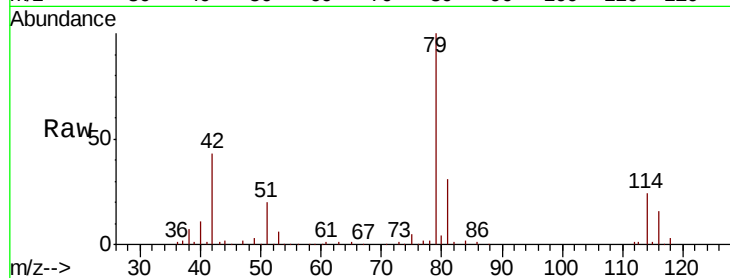
VHBLK02

Tot Ion: 75 Resp: 5681

Ion Ratio Lower Upper

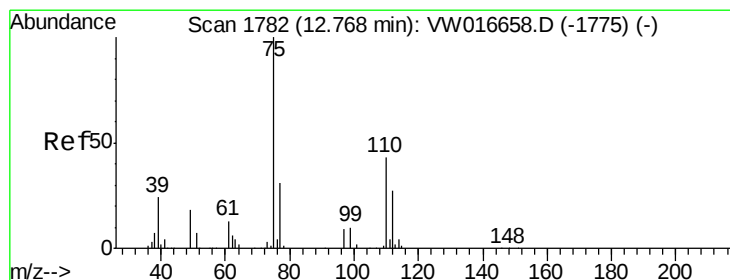
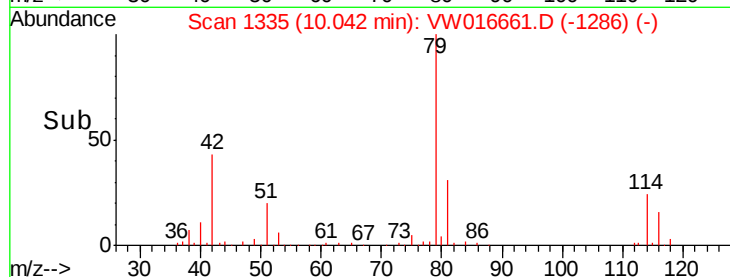
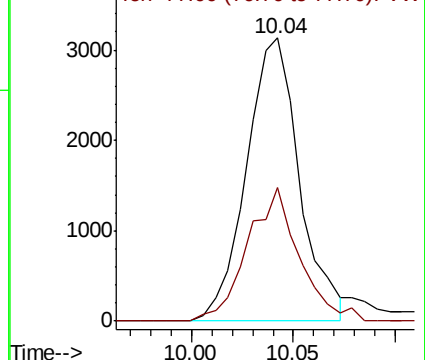
75 100

77 47.1 22.2 41.2#



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW



#59

1,2,3-Trichloropropane

Concen: 5.843 ug/L

RT: 13.56 min Scan# 1912

Delta R.T. 0.79 min

Lab File: VW016661.D

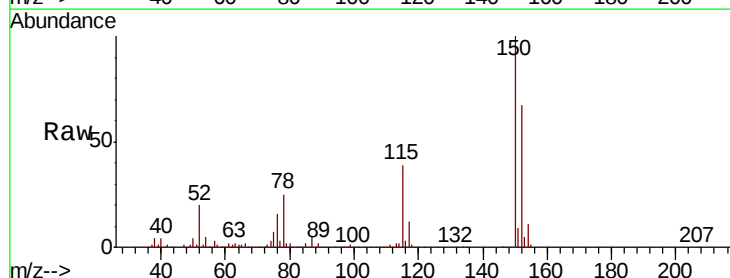
Acq: 28 Sep 2020 11:50

Tgt Ion: 75 Resp: 28792

Ion Ratio Lower Upper

75 100

77 38.0 26.2 39.4



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW

