

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW073020\
 Data File : VW016001.D
 Acq On : 30 Jul 2020 10:59
 Operator : SY/VA
 Sample : VIBLK
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jul 31 06:36:13 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM072020S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jul 31 06:34:21 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	433143	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	392163	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	174344	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	103405	16.92	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	67.68%
7) Chloroethane-d5	2.90	69	99550	20.05	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	80.20%
10) 1,1-Dichloroethene-d2	4.01	63	182936	14.80	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	59.20%
20) 2-Butanone-d5	7.09	46	70620	43.99	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	87.98%
24) Chloroform-d	7.65	84	266157	21.88	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	87.52%
26) 1,2-Dichloroethane-d4	8.31	65	142122	21.28	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	85.12%
29) Benzene-d6	8.27	84	535336	22.43	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	89.72%
33) 1,2-Dichloropropane-d6	9.27	67	165464	23.12	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	92.48%
37) Toluene-d8	10.33	98	465929	21.55	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	86.20%
38) trans-1,3-Dichloropropene-	10.58	79	59770	19.60	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	78.40%
39) 2-Hexanone-d5	10.93	63	51247	43.01	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	86.02%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	124584	22.65	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	90.60%
61) 1,2-Dichlorobenzene-d4	13.86	152	152852	22.48	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	89.92%

Target Compounds

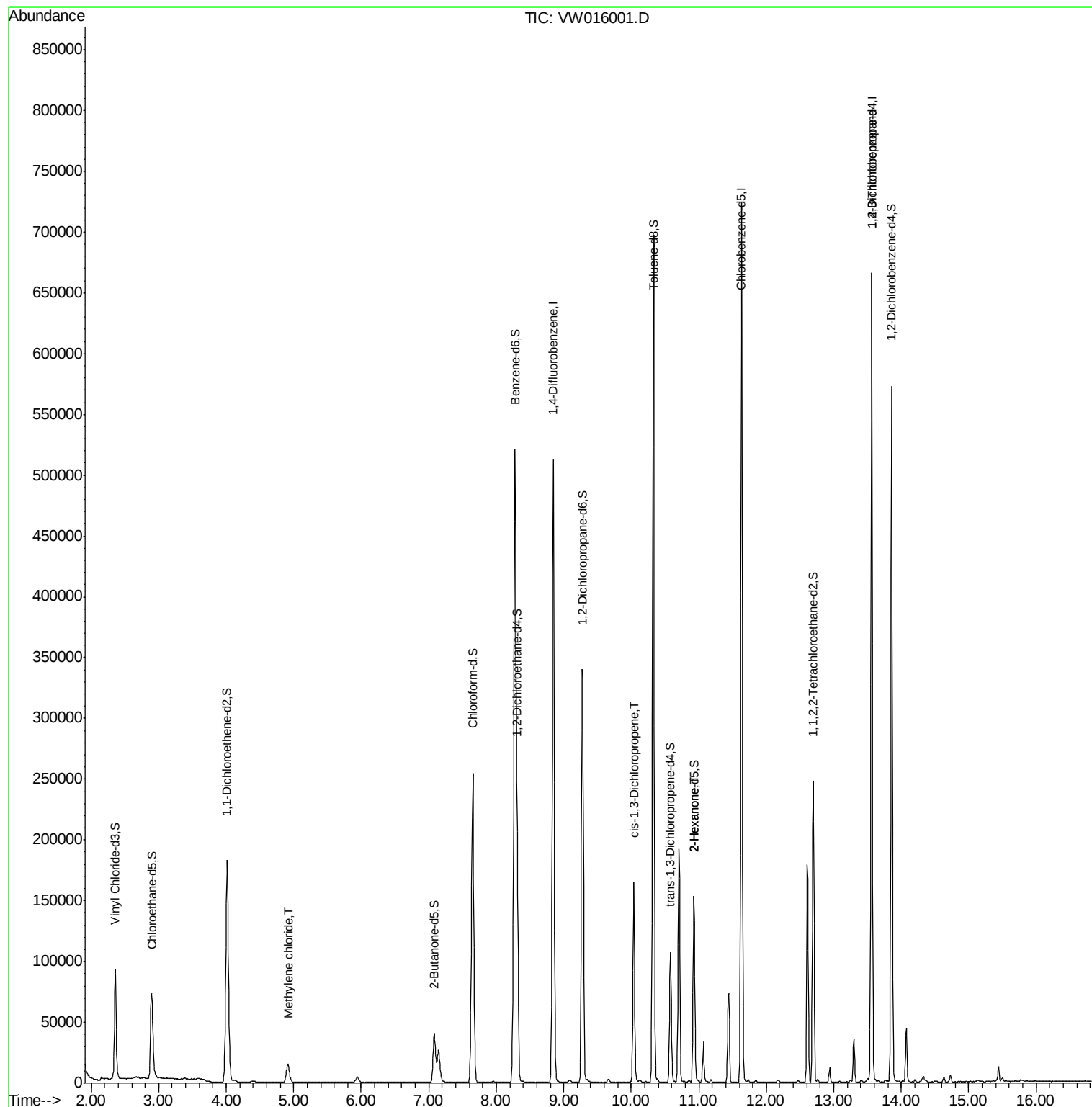
					Ovalue
16) Methylene chloride	4.92	84	12149	1.712 ug/L	90
42) cis-1,3-Dichloropropene	10.04	75	4233	0.471 ug/L #	59
49) 2-Hexanone	10.93	43	6488	2.655 ug/L #	65
59) 1,2,3-Trichloropropane	13.56	75	21362	5.722 ug/L	92

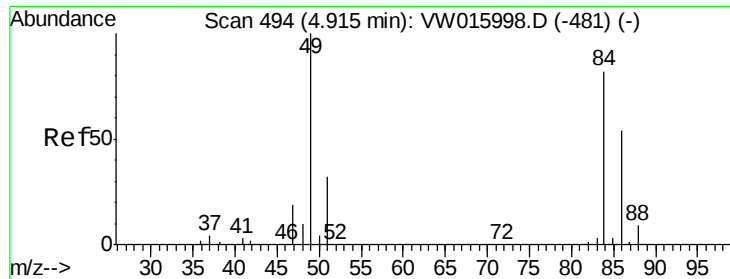
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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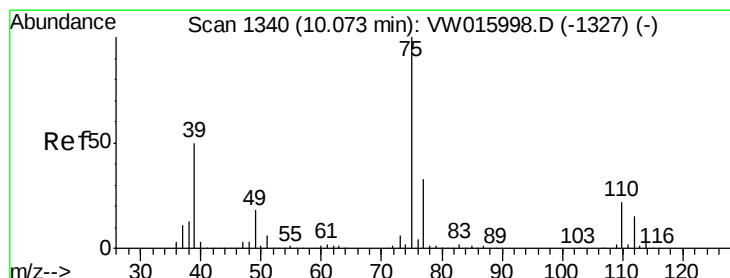
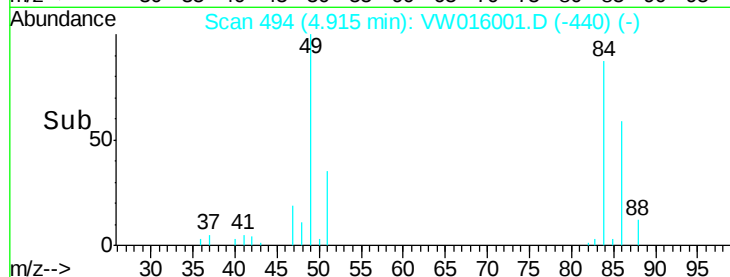
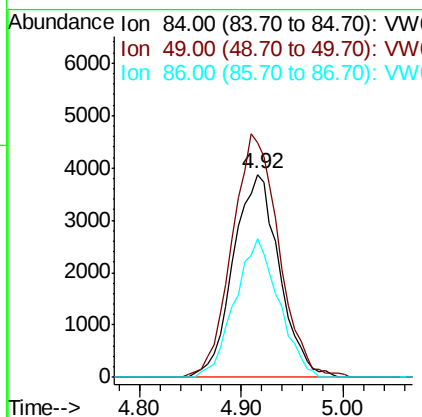
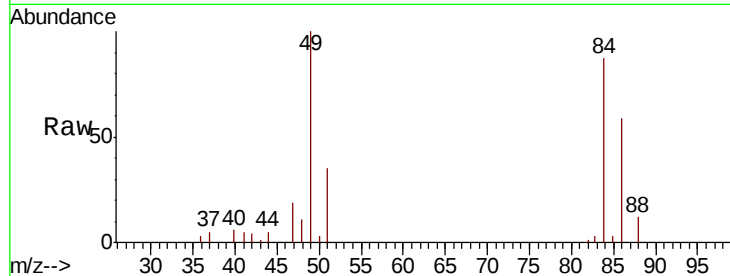




#16
Methylene chloride
Concen: 1.712 ug/L
RT: 4.92 min Scan# 494
Delta R.T. 0.00 min
Lab File: VW016001.D
Acq: 30 Jul 2020 10:59

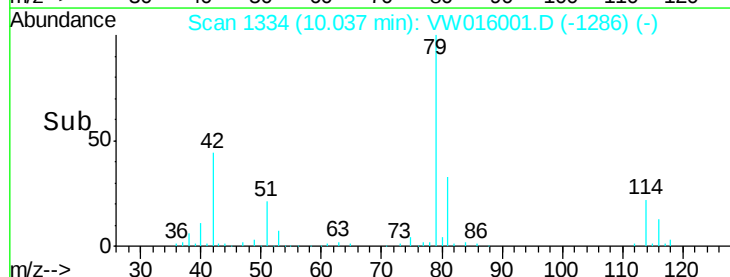
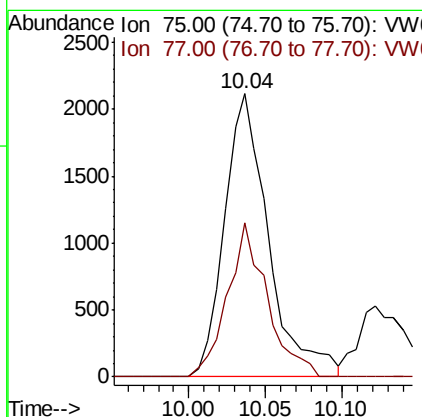
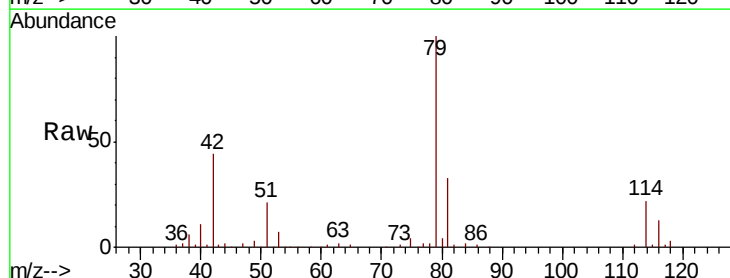
Instrument :
MSVOA_W
ClientSampleId :

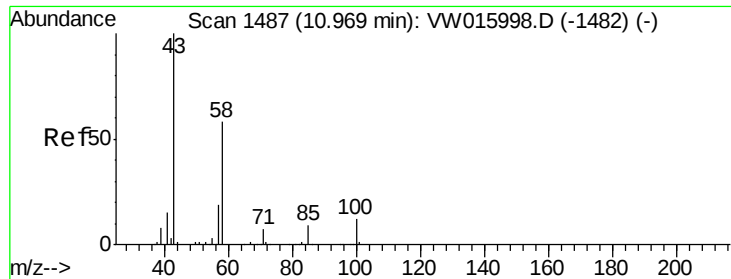
Tot Ion: 84 Resp: 12149
Ion Ratio Lower Upper
84 100
49 115.5 91.1 169.1
86 68.6 46.0 85.4



#42
cis-1,3-Dichloropropene
Concen: 0.471 ug/L
RT: 10.04 min Scan# 1334
Delta R.T. -0.04 min
Lab File: VW016001.D
Acq: 30 Jul 2020 10:59

Tgt Ion: 75 Resp: 4233
Ion Ratio Lower Upper
75 100
77 54.6 22.2 41.2#





#49

2-Hexanone

Concen: 2.655 ug/L

RT: 10.93 min Scan# 1480

Delta R.T. -0.04 min

Lab File: VW016001.D

Acq: 30 Jul 2020 10:59

Instrument :

MSVOA_W

ClientSampled :

Tot Ion: 43 Resp: 6488

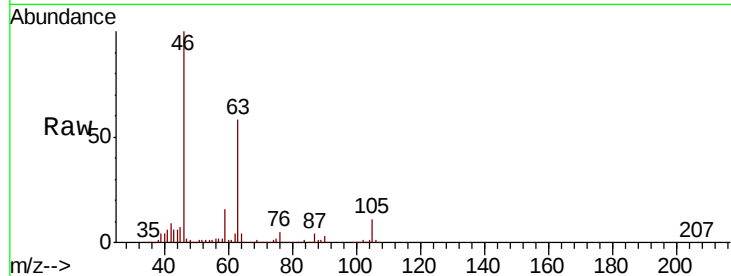
Ion Ratio Lower Upper

43 100

58 25.4 42.4 63.6#

57 31.4 15.6 23.4#

100 0.9 9.8 14.6#

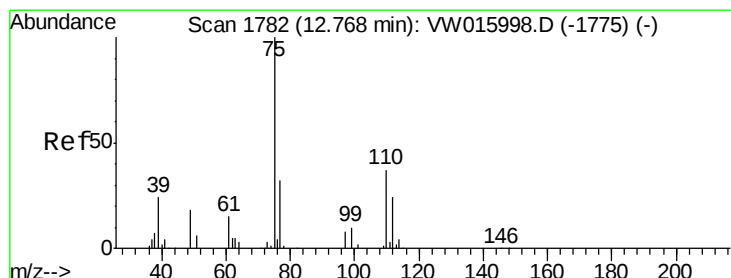
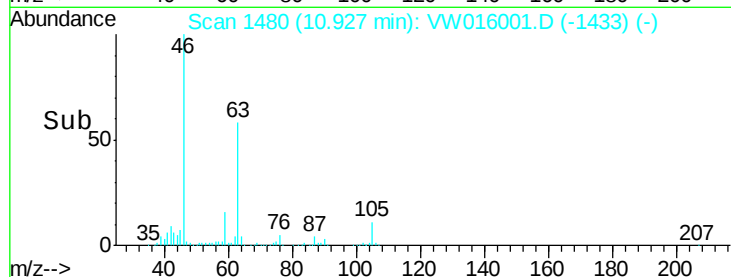
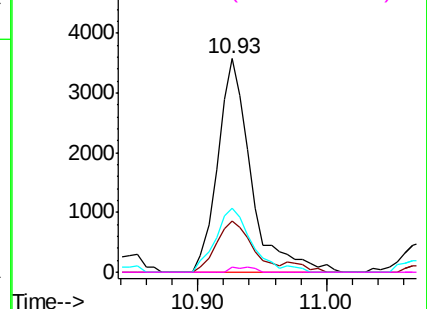


Abundance Ion 43.00 (42.70 to 43.70): VW

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



#59

1,2,3-Trichloropropane

Concen: 5.722 ug/L

RT: 13.56 min Scan# 1912

Delta R.T. 0.79 min

Lab File: VW016001.D

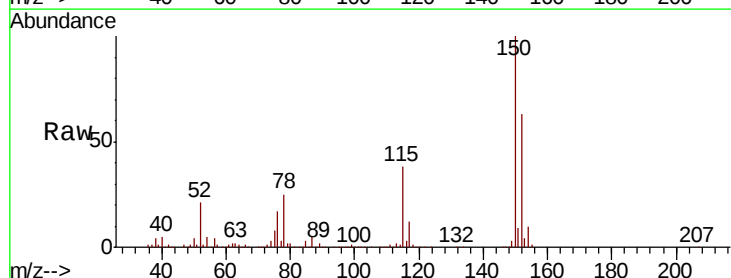
Acq: 30 Jul 2020 10:59

Tgt Ion: 75 Resp: 21362

Ion Ratio Lower Upper

75 100

77 36.8 26.0 39.0



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW

