

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW060520\
 Data File : VW015543.D
 Acq On : 05 Jun 2020 15:59
 Operator : SY/VA
 Sample : VIBLK
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VIBLK

Quant Time: Jun 06 04:10:41 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM052620S.M
 Quant Title : VOC Analysis
 QLast Update : Sat Jun 06 04:08:46 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	336400	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	307524	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	142704	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	87523	28.39	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	113.56%
7) Chloroethane-d5	2.90	69	89338	29.14	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	116.56%
10) 1,1-Dichloroethene-d2	4.02	63	144473	19.23	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	76.92%
20) 2-Butanone-d5	7.09	46	51115	50.79	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	101.58%
24) Chloroform-d	7.65	84	204143	26.24	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	104.96%
26) 1,2-Dichloroethane-d4	8.31	65	118208	27.31	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	109.24%
29) Benzene-d6	8.28	84	407283	27.01	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	108.04%
33) 1,2-Dichloropropane-d6	9.28	67	120960	26.39	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	105.56%
37) Toluene-d8	10.33	98	386528	26.36	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	105.44%
38) trans-1,3-Dichloropropene-	10.58	79	49769	23.47	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	93.88%
39) 2-Hexanone-d5	10.93	63	41487	52.29	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	104.58%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	87880	25.47	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	101.88%
61) 1,2-Dichlorobenzene-d4	13.86	152	126166	26.38	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	105.52%

Target Compounds

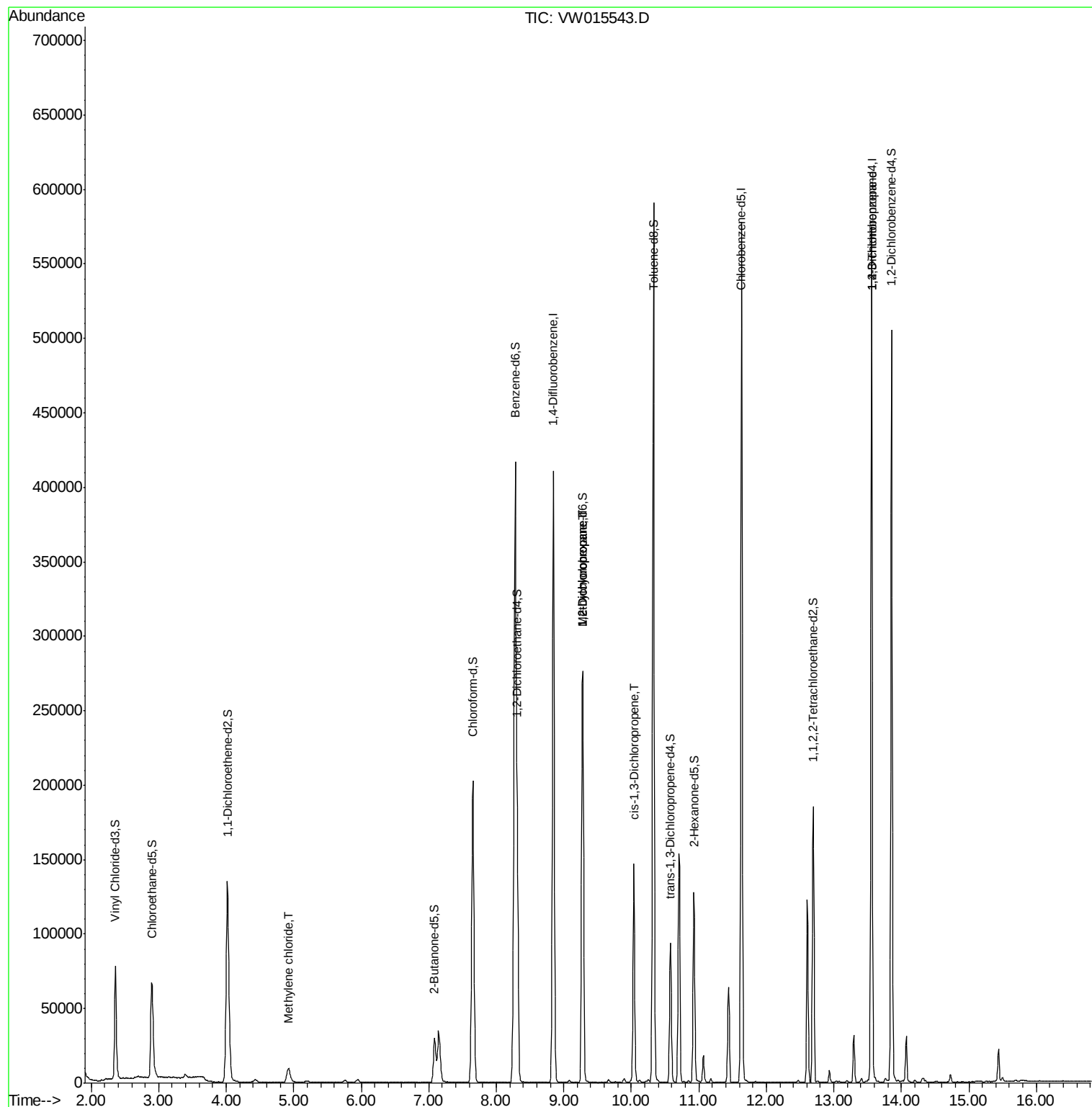
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
16) Methylene chloride	4.92	84	7639	1.850	ug/L	86
36) Methylcyclohexane	9.28	83	30291	3.677	ug/L #	18
40) 1,2-Dichloropropane	9.28	63	14827	3.501	ug/L #	85
42) cis-1,3-Dichloropropene	10.04	75	3744	0.552	ug/L #	71
59) 1,2,3-Trichloropropane	13.56	75	17449	6.709	ug/L	89

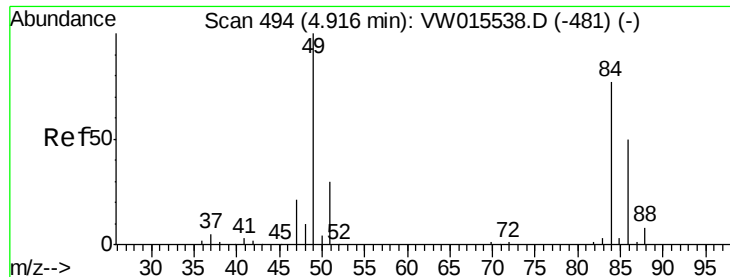
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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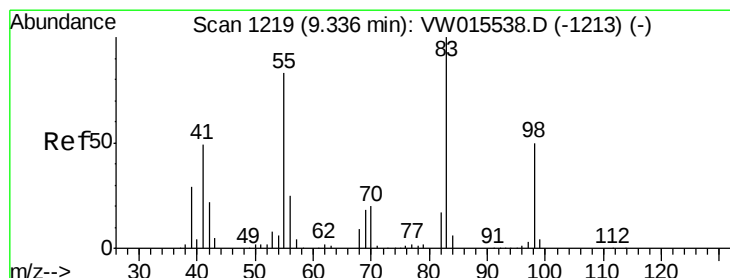
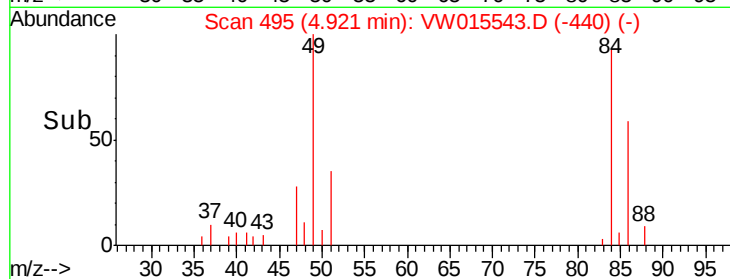
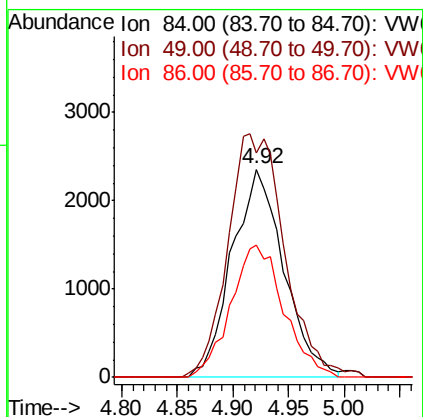
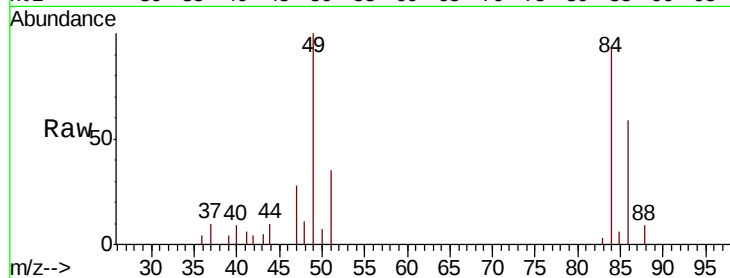




#16
Methvlene chloride
Concen: 1.850 ug/L
RT: 4.92 min Scan# 495
Delta R.T. 0.01 min
Lab File: VW015543.D
Acq: 05 Jun 2020 15:59

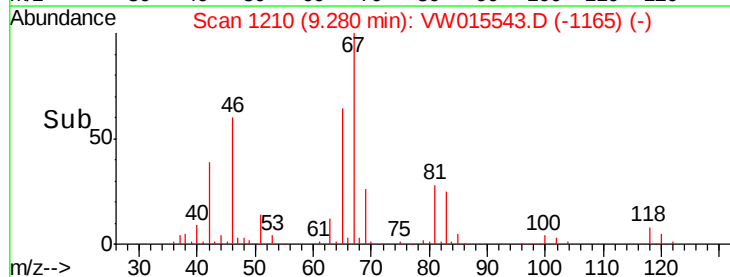
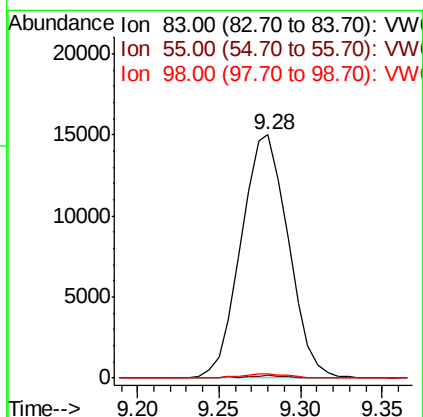
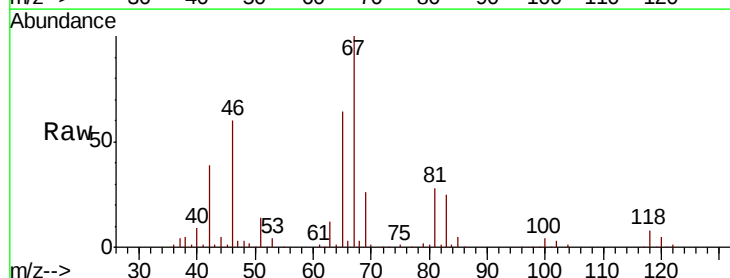
Instrument :
MSVOA_W
ClientSampleId :
VIBLK

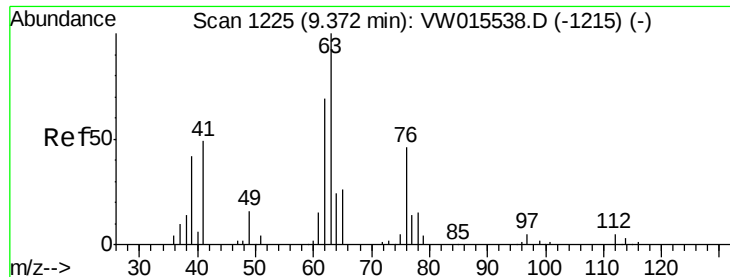
Tot Ion: 84 Resp: 7639
Ion Ratio Lower Upper
84 100
49 108.0 93.0 172.8
86 63.6 44.7 83.1



#36
Methylcyclohexane
Concen: 3.677 ug/L
RT: 9.28 min Scan# 1210
Delta R.T. -0.06 min
Lab File: VW015543.D
Acq: 05 Jun 2020 15:59

Tgt Ion: 83 Resp: 30291
Ion Ratio Lower Upper
83 100
55 0.6 62.8 94.2#
98 1.7 39.2 58.8#





#40

1,2-Dichloropropane

Concen: 3.501 ug/L

RT: 9.28 min Scan# 1210

Delta R.T. -0.09 min

Lab File: VW015543.D

Acq: 05 Jun 2020 15:59

Instrument :

MSVOA_W

ClientSampleId :

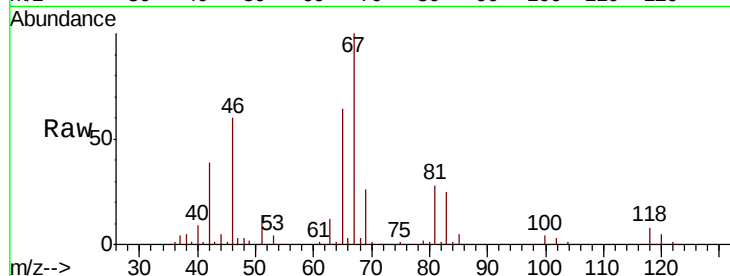
VIBLK

Tot Ion: 63 Resp: 14827

Ion Ratio Lower Upper

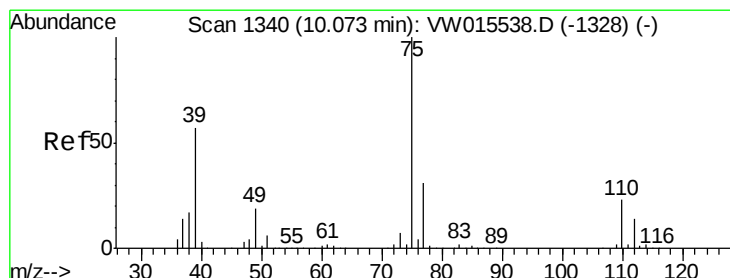
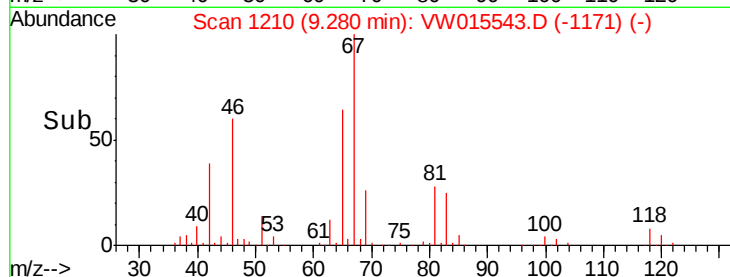
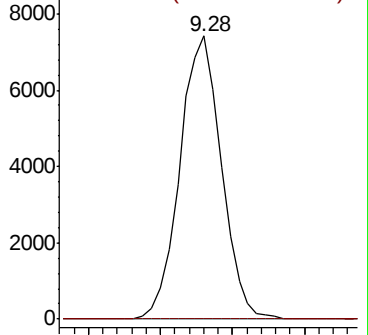
63 100

112 0.0 3.8 5.8#



Abundance Ion 63.00 (62.70 to 63.70): VW

Ion 112.00 (111.70 to 112.70): V



#42

cis-1,3-Dichloropropene

Concen: 0.552 ug/L

RT: 10.04 min Scan# 1334

Delta R.T. -0.04 min

Lab File: VW015543.D

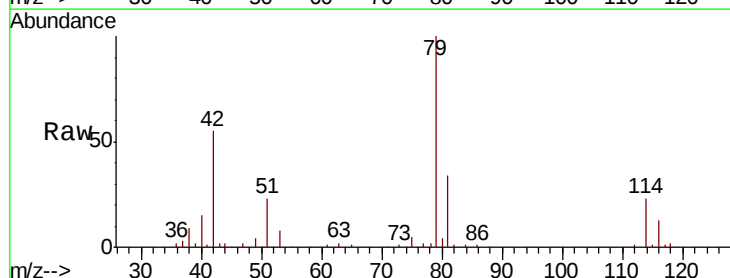
Acq: 05 Jun 2020 15:59

Tgt Ion: 75 Resp: 3744

Ion Ratio Lower Upper

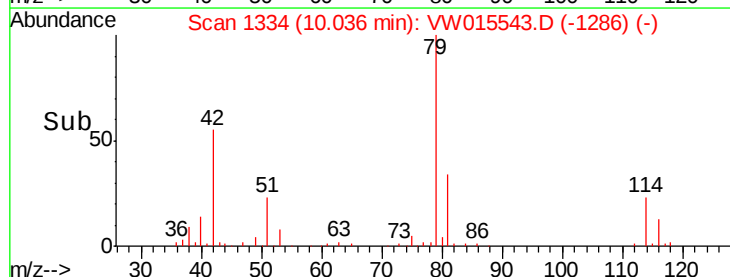
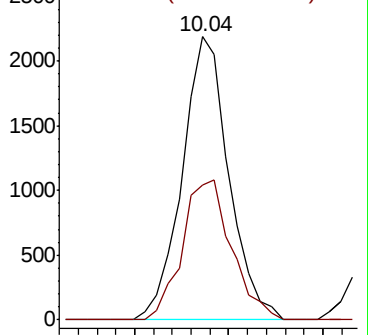
75 100

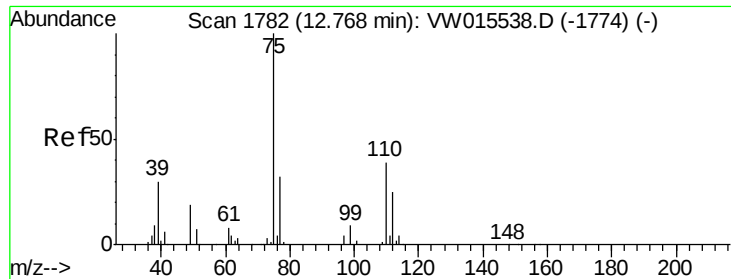
77 47.8 22.3 41.5#



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: 6.709 ug/L

RT: 13.56 min Scan# 1912

Delta R.T. 0.79 min

Lab File: VW015543.D

Acq: 05 Jun 2020 15:59

Instrument :

MSVOA_W

ClientSampleId :

VIBLK

Tot Ion: 75 Resp: 17449

Ion Ratio Lower Upper

75 100

77 38.6 25.9 38.9

