

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW072120\
 Data File : VW015896.D
 Acq On : 21 Jul 2020 18:55
 Operator : SY/VA
 Sample : VIBLK
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VIBLK

Quant Time: Jul 22 06:28:23 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM072020S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Jul 22 06:22:59 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	408918	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	380499	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	172639	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	126326	21.89	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	87.56%
7) Chloroethane-d5	2.90	69	109923	23.46	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	93.84%
10) 1,1-Dichloroethene-d2	4.01	63	198014	16.97	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	67.88%
20) 2-Butanone-d5	7.08	46	80871	53.36	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	106.72%
24) Chloroform-d	7.65	84	269226	23.44	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	93.76%
26) 1,2-Dichloroethane-d4	8.31	65	157751	25.02	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	100.08%
29) Benzene-d6	8.28	84	541114	23.36	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	93.44%
33) 1,2-Dichloropropane-d6	9.27	67	164837	23.74	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	94.96%
37) Toluene-d8	10.33	98	483709	23.06	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	92.24%
38) trans-1,3-Dichloropropene-	10.58	79	64150	21.68	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	86.72%
39) 2-Hexanone-d5	10.93	63	60521	52.35	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	104.70%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	133244	24.97	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	99.88%
61) 1,2-Dichlorobenzene-d4	13.85	152	165843	24.64	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	98.56%

Target Compounds

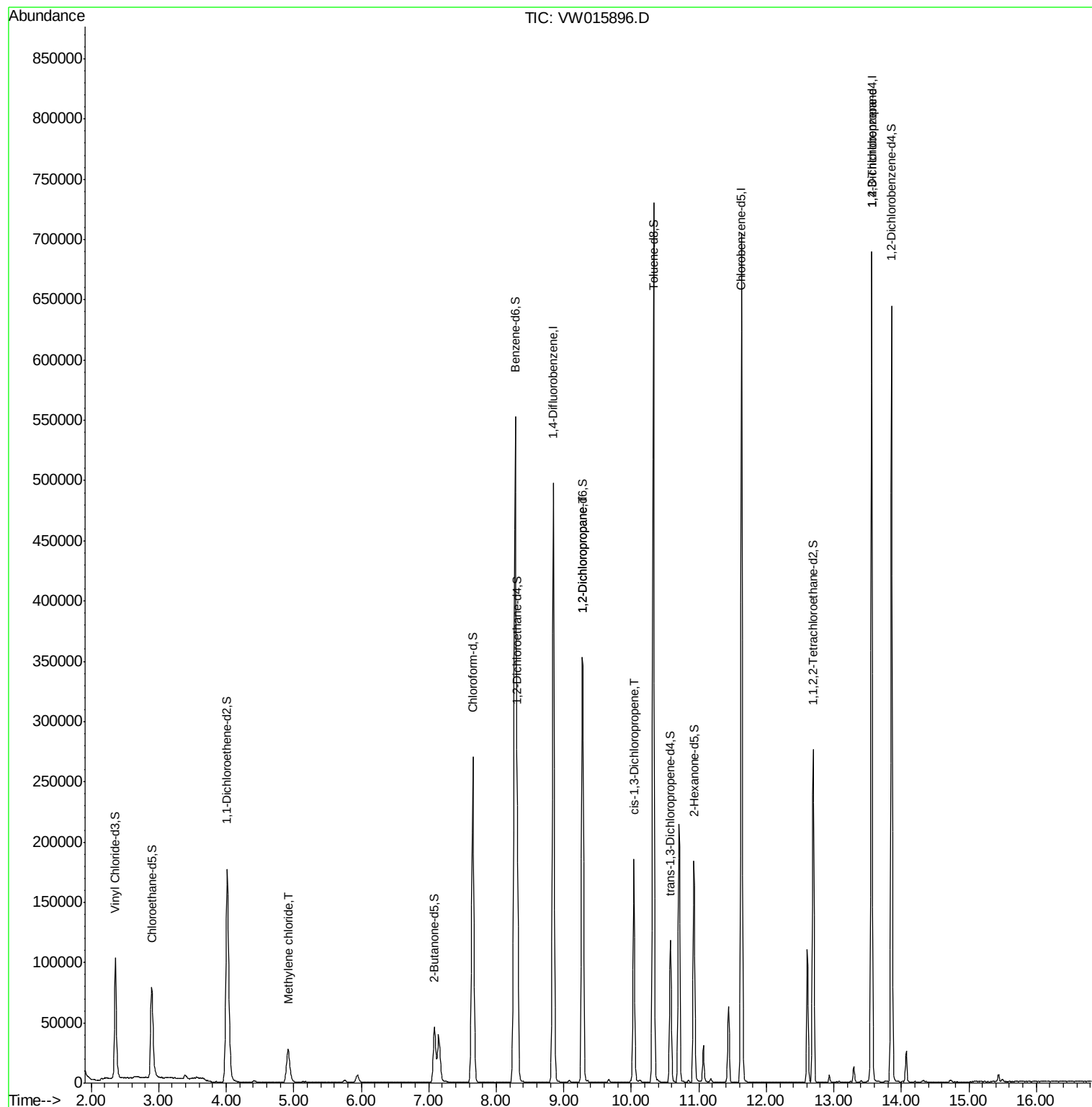
					Ovalue
16) Methylene chloride	4.92	84	22377	3.340 ug/L	92
40) 1,2-Dichloropropane	9.27	63	18912	3.303 ug/L #	87
42) cis-1,3-Dichloropropene	10.04	75	4540	0.521 ug/L #	69
59) 1,2,3-Trichloropropane	13.56	75	21687	5.987 ug/L	91

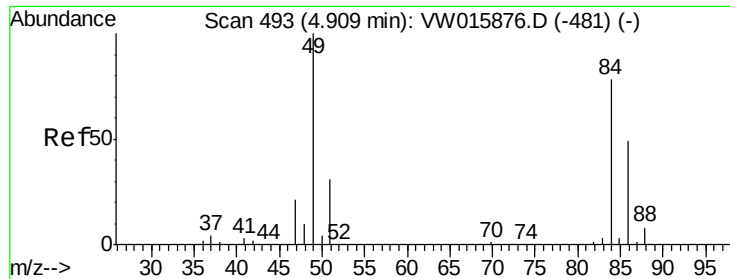
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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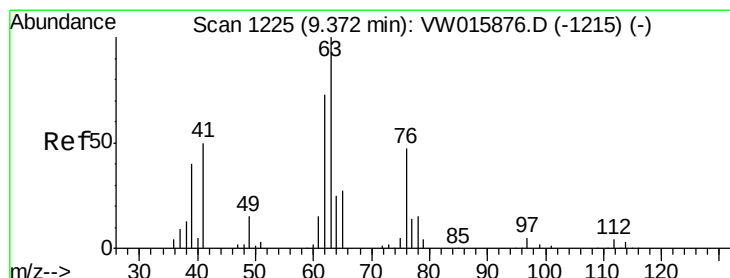
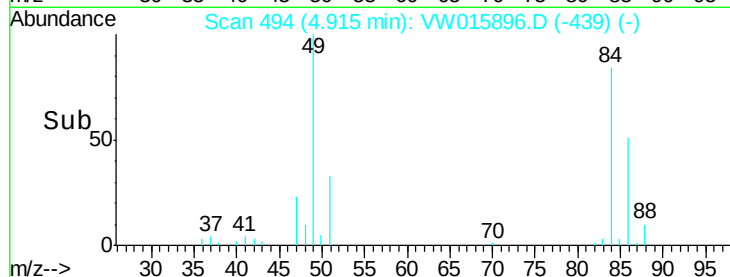
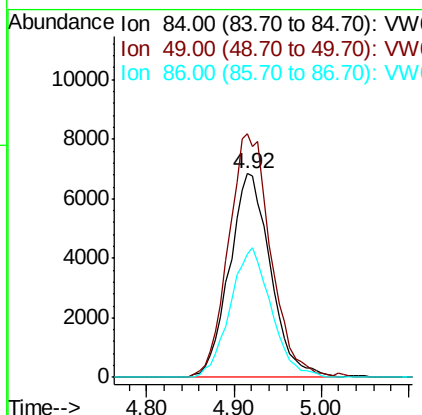
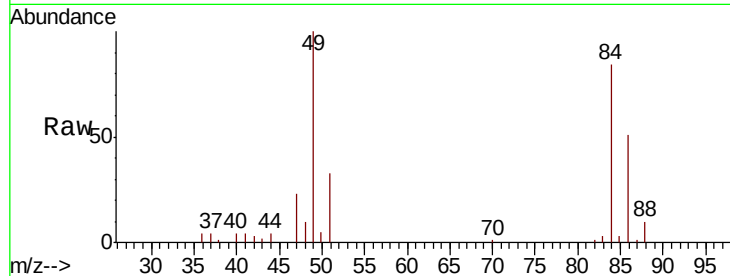




#16
Methylene chloride
Concen: 3.340 ug/L
RT: 4.92 min Scan# 494
Delta R.T. 0.01 min
Lab File: VW015896.D
Acq: 21 Jul 2020 18:55

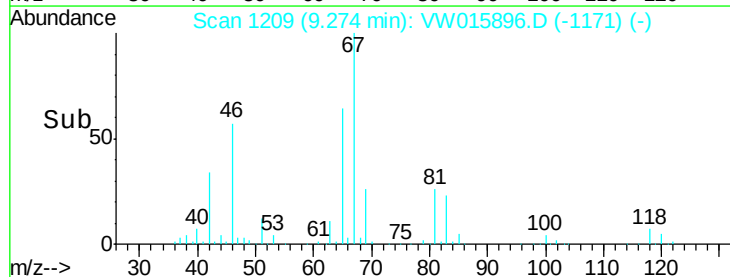
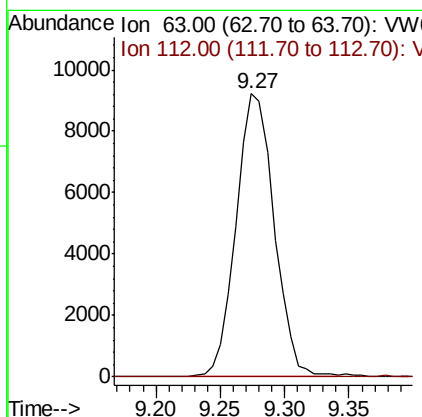
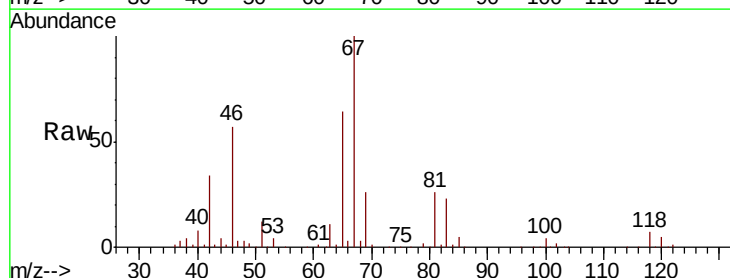
Instrument :
MSVOA_W
ClientSampled :
VIBLK

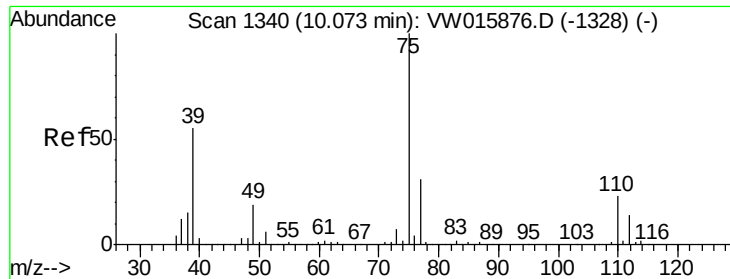
Tot Ion: 84 Resp: 22377
Ion Ratio Lower Upper
84 100
49 119.6 91.1 169.1
86 60.4 46.0 85.4



#40
1,2-Dichloropropane
Concen: 3.303 ug/L
RT: 9.27 min Scan# 1209
Delta R.T. -0.10 min
Lab File: VW015896.D
Acq: 21 Jul 2020 18:55

Tgt Ion: 63 Resp: 18912
Ion Ratio Lower Upper
63 100
112 0.5 3.7 5.5#





#42

cis-1,3-Dichloropropene

Concen: 0.521 ug/L

RT: 10.04 min Scan# 1334

Delta R.T. -0.04 min

Lab File: VW015896.D

Acq: 21 Jul 2020 18:55

Instrument :

MSVOA_W

ClientSampled :

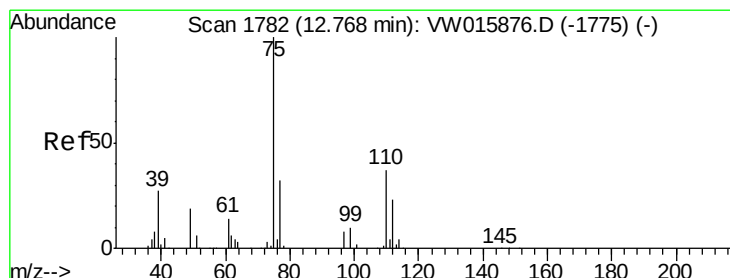
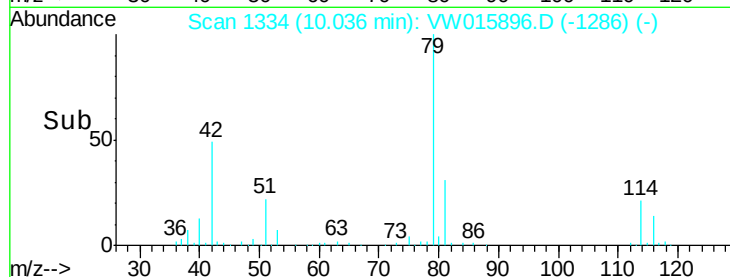
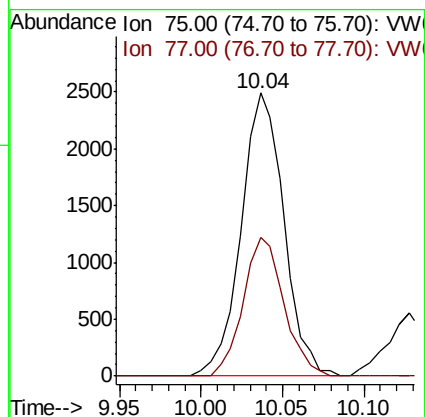
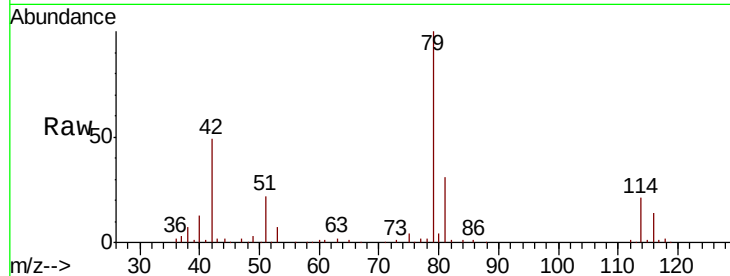
VIBLK

Tot Ion: 75 Resp: 4540

Ion Ratio Lower Upper

75 100

77 49.0 22.2 41.2#



#59

1,2,3-Trichloropropane

Concen: 5.987 ug/L

RT: 13.56 min Scan# 1912

Delta R.T. 0.79 min

Lab File: VW015896.D

Acq: 21 Jul 2020 18:55

Tgt Ion: 75 Resp: 21687

Ion Ratio Lower Upper

75 100

77 37.4 26.0 39.0

