

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW061120\
 Data File : VW015592.D
 Acq On : 11 Jun 2020 17:01
 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: Jun 12 05:05:22 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM052620S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jun 12 05:02:36 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	312089	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	283161	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	127510	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	62110	21.72	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	86.88%
7) Chloroethane-d5	2.90	69	68125	23.95	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	95.80%
10) 1,1-Dichloroethene-d2	4.01	63	108406	15.56	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	62.24%
20) 2-Butanone-d5	7.08	46	45137	48.34	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	96.68%
24) Chloroform-d	7.65	84	169406	23.47	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	93.88%
26) 1,2-Dichloroethane-d4	8.31	65	98216	24.46	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	97.84%
29) Benzene-d6	8.27	84	336313	24.22	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	96.88%
33) 1,2-Dichloropropane-d6	9.27	67	101754	24.11	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	96.44%
37) Toluene-d8	10.33	98	315826	23.39	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	93.56%
38) trans-1,3-Dichloropropene-	10.58	79	37515	19.22	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	76.88%
39) 2-Hexanone-d5	10.93	63	35236	48.23	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	96.46%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	74954	23.59	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	94.36%
61) 1,2-Dichlorobenzene-d4	13.85	152	102460	23.98	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	95.92%

Target Compounds

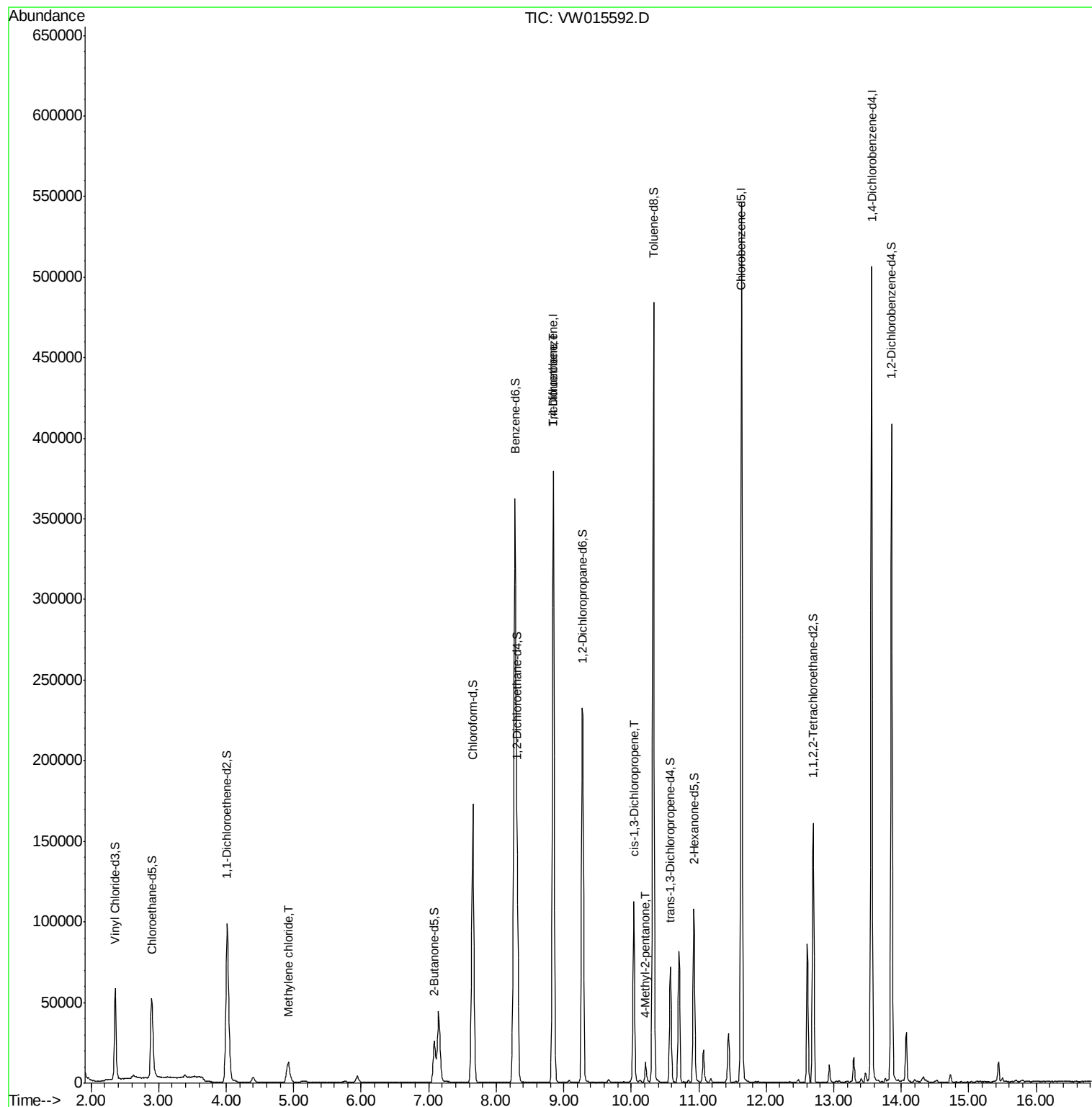
					Ovalue
16) Methylene chloride	4.92	84	10192	2.661 ug/L	90
35) Trichloroethene	8.85	95	9856	2.317 ug/L #	5
42) cis-1,3-Dichloropropene	10.04	75	3034	0.486 ug/L #	69
43) 4-Methyl-2-pentanone	10.21	43	7901	3.456 ug/L	99

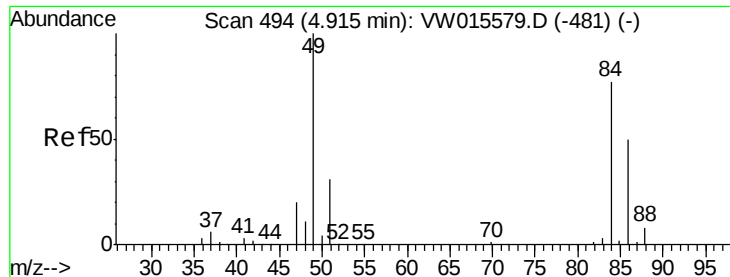
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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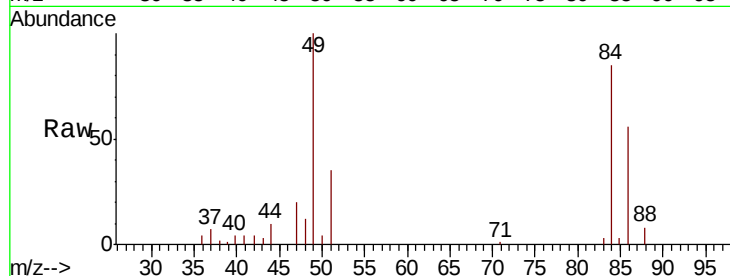




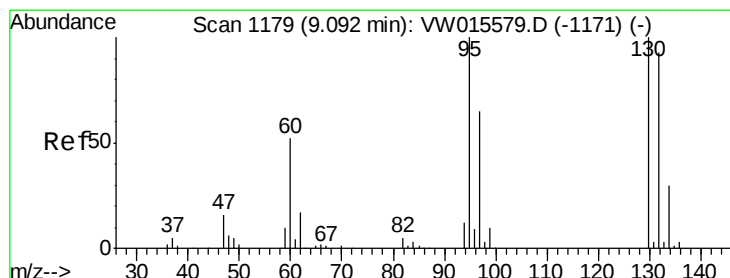
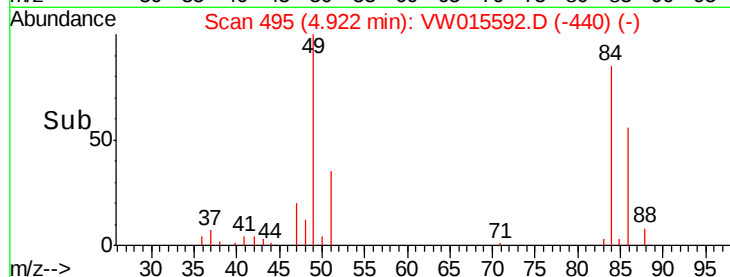
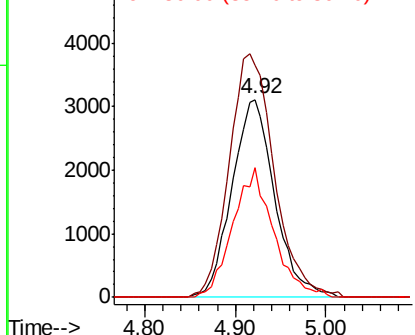
#16
Methvlene chloride
Concen: 2.661 ug/L
RT: 4.92 min Scan# 495
Delta R.T. 0.01 min
Lab File: VW015592.D
Acq: 11 Jun 2020 17:01

Instrument :
MSVOA_W
ClientSampled :
VIBLK

Tot Ion: 84 Resp: 10192
Ion Ratio Lower Upper
84 100
49 117.3 93.0 172.8
86 65.6 44.7 83.1

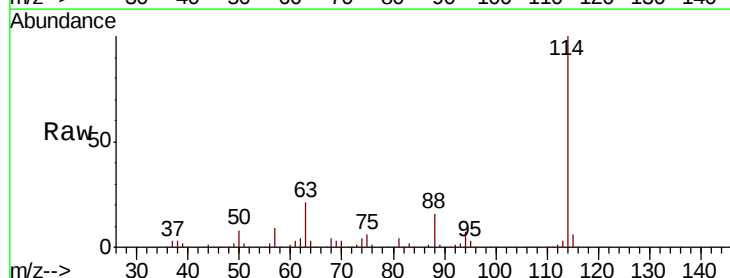


Abundance Ion 84.00 (83.70 to 84.70): VW
Ion 49.00 (48.70 to 49.70): VW
Ion 86.00 (85.70 to 86.70): VW

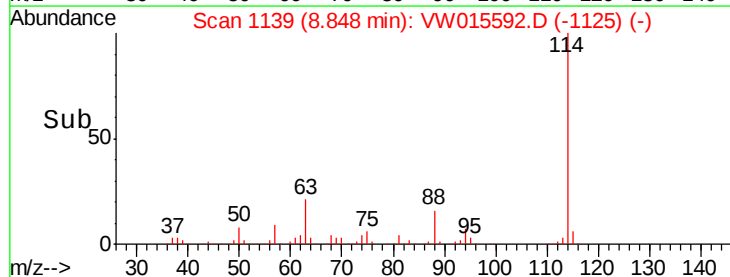
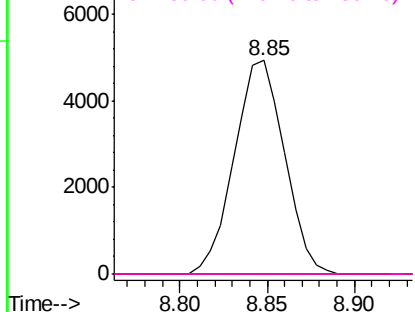


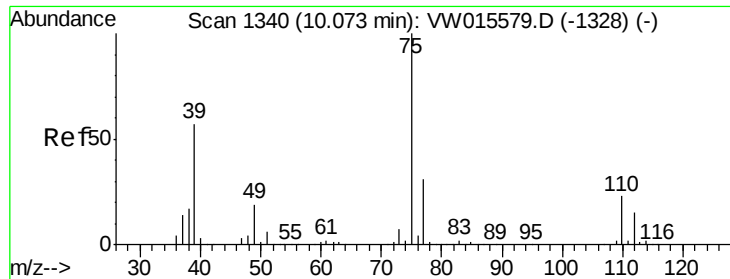
#35
Trichloroethene
Concen: 2.317 ug/L
RT: 8.85 min Scan# 1139
Delta R.T. -0.24 min
Lab File: VW015592.D
Acq: 11 Jun 2020 17:01

Tgt Ion: 95 Resp: 9856
Ion Ratio Lower Upper
95 100
97 0.0 45.4 84.2#
132 0.0 67.1 124.7#
130 0.0 69.4 128.8#



Abundance Ion 95.00 (94.70 to 95.70): VW
Ion 97.00 (96.70 to 97.70): VW
Ion 132.00 (131.70 to 132.70): V
Ion 130.00 (129.70 to 130.70): V

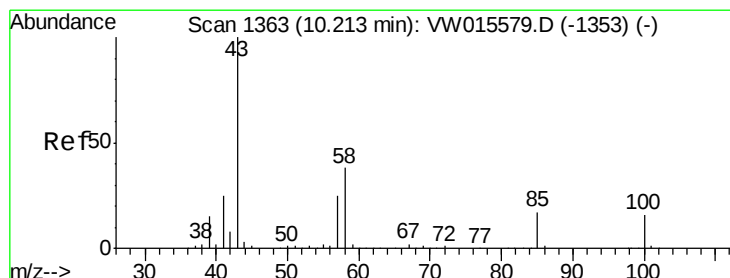
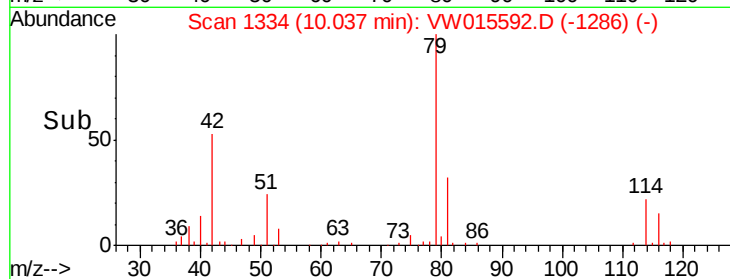
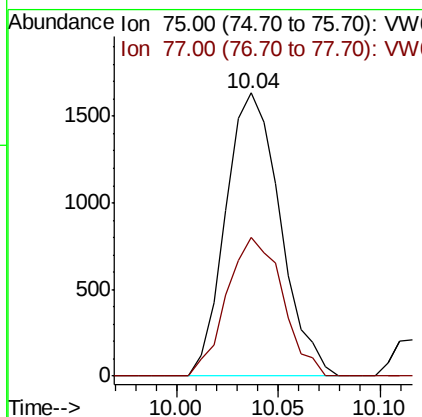
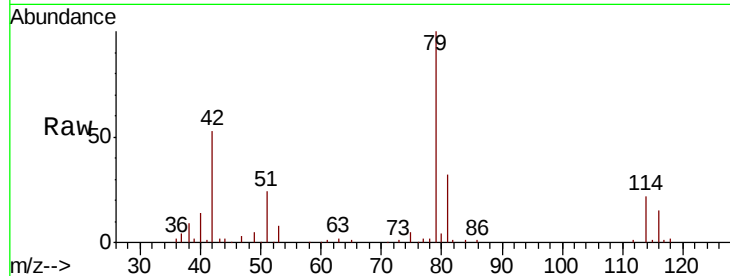




#42
 cis-1,3-Dichloropropene
 Concen: 0.486 ug/L
 RT: 10.04 min Scan# 1334
 Delta R.T. -0.04 min
 Lab File: VW015592.D
 Acq: 11 Jun 2020 17:01

Instrument :
 MSVOA_W
 ClientSampled :
 VIBLK

Tot Ion: 75 Resp: 3034
 Ion Ratio Lower Upper
 75 100
 77 49.2 22.3 41.5#



#43
 4-Methyl-2-pentanone
 Concen: 3.456 ug/L
 RT: 10.21 min Scan# 1363
 Delta R.T. 0.00 min
 Lab File: VW015592.D
 Acq: 11 Jun 2020 17:01

Tgt Ion: 43 Resp: 7901
 Ion Ratio Lower Upper
 43 100
 58 38.7 30.6 46.0
 100 15.9 12.5 18.7

