

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW072420\
 Data File : VW015955.D
 Acq On : 24 Jul 2020 17:16
 Operator : SY/VA
 Sample : VIBLK
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jul 25 05:18:20 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM072020S.M
 Quant Title : VOC Analysis
 QLast Update : Sat Jul 25 05:14:30 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	441955	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	411205	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	183536	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	114266	18.32	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	73.28%
7) Chloroethane-d5	2.89	69	104564	20.64	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	82.56%
10) 1,1-Dichloroethene-d2	4.01	63	196371	15.57	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	62.28%
20) 2-Butanone-d5	7.09	46	76101	46.46	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	92.92%
24) Chloroform-d	7.65	84	271807	21.90	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	87.60%
26) 1,2-Dichloroethane-d4	8.31	65	152761	22.42	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	89.68%
29) Benzene-d6	8.28	84	553472	22.11	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	88.44%
33) 1,2-Dichloropropane-d6	9.27	67	169302	22.56	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	90.24%
37) Toluene-d8	10.32	98	488857	21.56	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	86.24%
38) trans-1,3-Dichloropropene-	10.58	79	63893	19.98	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	79.92%
39) 2-Hexanone-d5	10.93	63	58711	46.99	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	93.98%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	133912	23.22	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	92.88%
61) 1,2-Dichlorobenzene-d4	13.86	152	168864	23.60	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	94.40%

Target Compounds

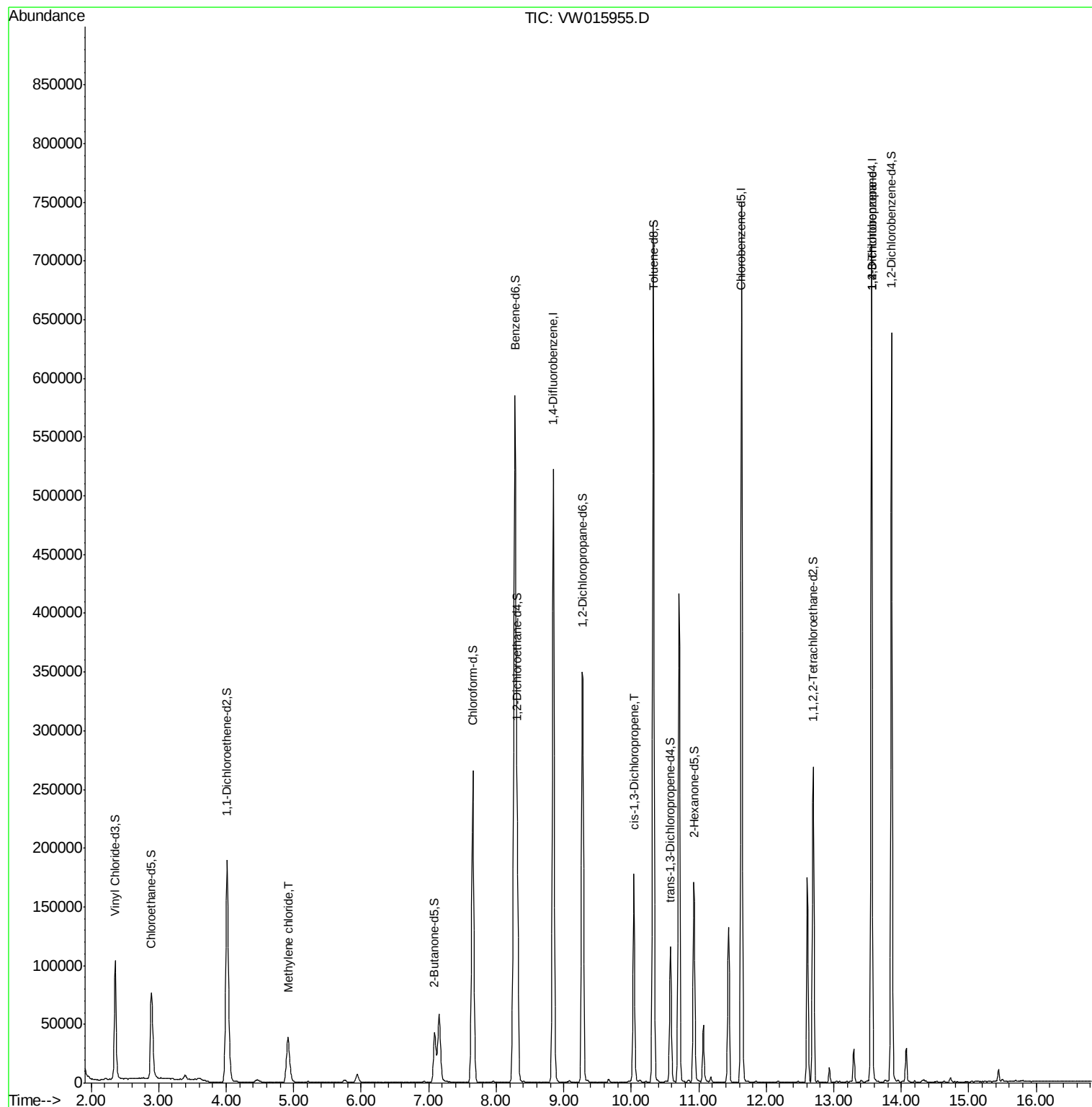
					Ovalue
16) Methylene chloride	4.92	84	30478	4.209 ug/L	96
42) cis-1,3-Dichloropropene	10.04	75	4484	0.476 ug/L #	68
59) 1,2,3-Trichloropropane	13.56	75	21645	5.530 ug/L	89

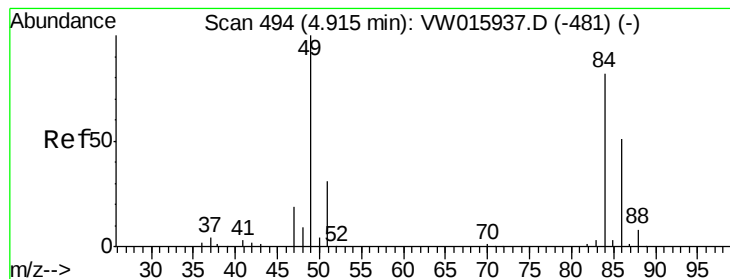
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#16

Methylene chloride

Concen: 4.209 ug/L

RT: 4.92 min Scan# 494

Delta R.T. 0.00 min

Lab File: VW015955.D

Acq: 24 Jul 2020 17:16

Instrument :

MSVOA_W

ClientSampleId :

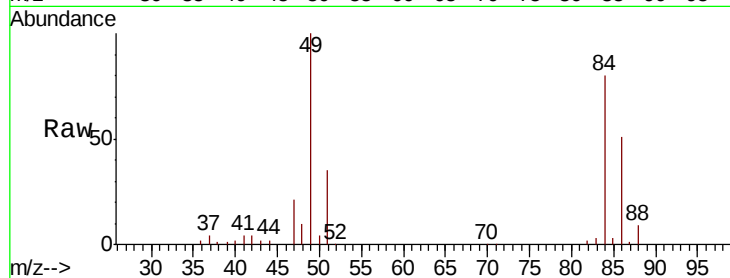
Tot Ion: 84 Resp: 30478

Ion Ratio Lower Upper

84 100

49 124.6 91.1 169.1

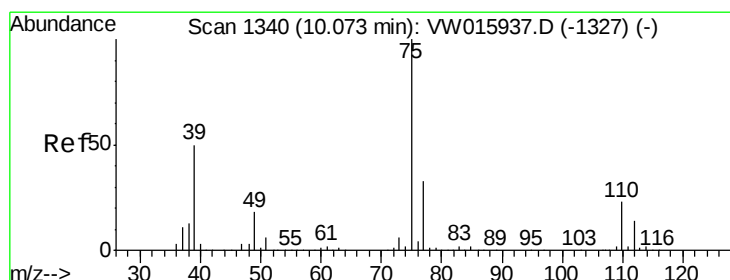
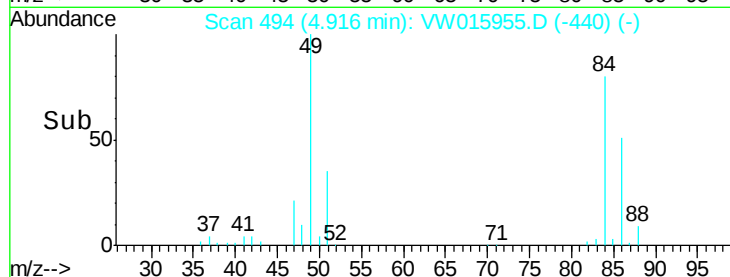
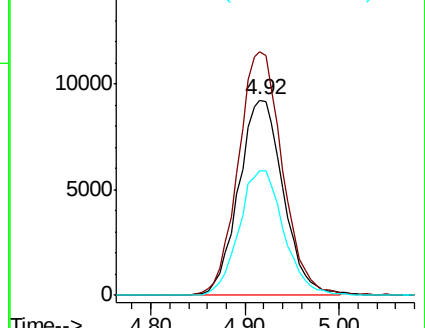
86 63.7 46.0 85.4



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



#42

cis-1,3-Dichloropropene

Concen: 0.476 ug/L

RT: 10.04 min Scan# 1334

Delta R.T. -0.04 min

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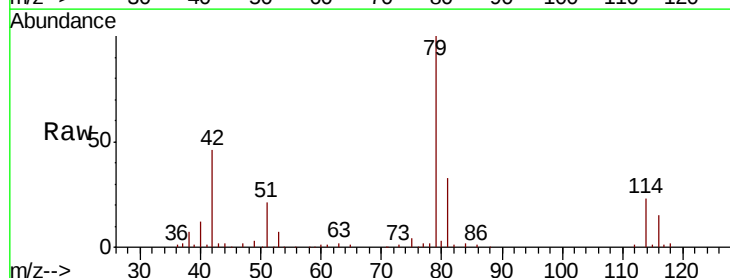
Acq: 24 Jul 2020 17:16

Tgt Ion: 75 Resp: 4484

Ion Ratio Lower Upper

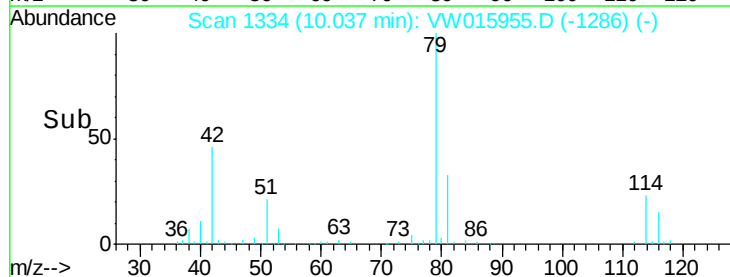
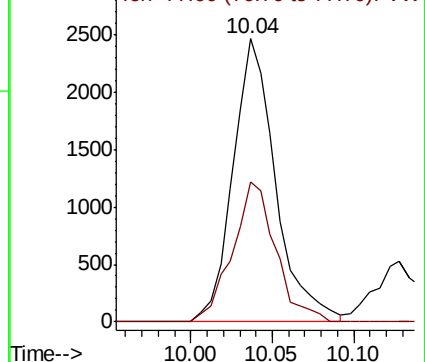
75 100

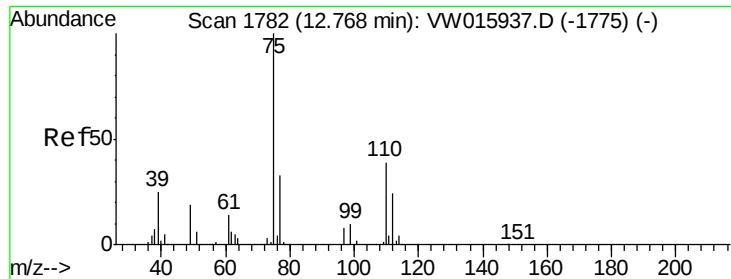
77 49.4 22.2 41.2#



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: 5.530 ug/L

RT: 13.56 min Scan# 1912

Delta R.T. 0.79 min

Lab File: VW015955.D

Acq: 24 Jul 2020 17:16

Instrument :

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Tot Ion: 75 Resp: 21645

Ion Ratio Lower Upper

75 100

77 38.5 26.0 39.0

