

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW072420\
 Data File : VW015954.D
 Acq On : 24 Jul 2020 16:53
 Operator : SY/VA
 Sample : L3419-17RE
 Misc : 5.71G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jul 25 05:18:13 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	510346	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	445480	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	189227	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	154924	21.51	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	86.04%
7) Chloroethane-d5	2.90	69	124544	21.29	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	85.16%
10) 1,1-Dichloroethene-d2	4.01	63	233938	16.07	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	64.28%
20) 2-Butanone-d5	7.08	46	56862	30.06	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	60.12%
24) Chloroform-d	7.65	84	292893	20.43	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	81.72%
26) 1,2-Dichloroethane-d4	8.31	65	144294	18.34	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	73.36%
29) Benzene-d6	8.28	84	612575	22.59	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	90.36%
33) 1,2-Dichloropropane-d6	9.28	67	176130	21.67	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	86.68%
37) Toluene-d8	10.33	98	545473	22.21	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	88.84%
38) trans-1,3-Dichloropropene-	10.58	79	62304	17.98	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	71.92%
39) 2-Hexanone-d5	10.93	63	41875	30.94	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	61.88%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	109696	17.56	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	70.24%
61) 1,2-Dichlorobenzene-d4	13.86	152	163171	22.11	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	88.44%

Target Compounds

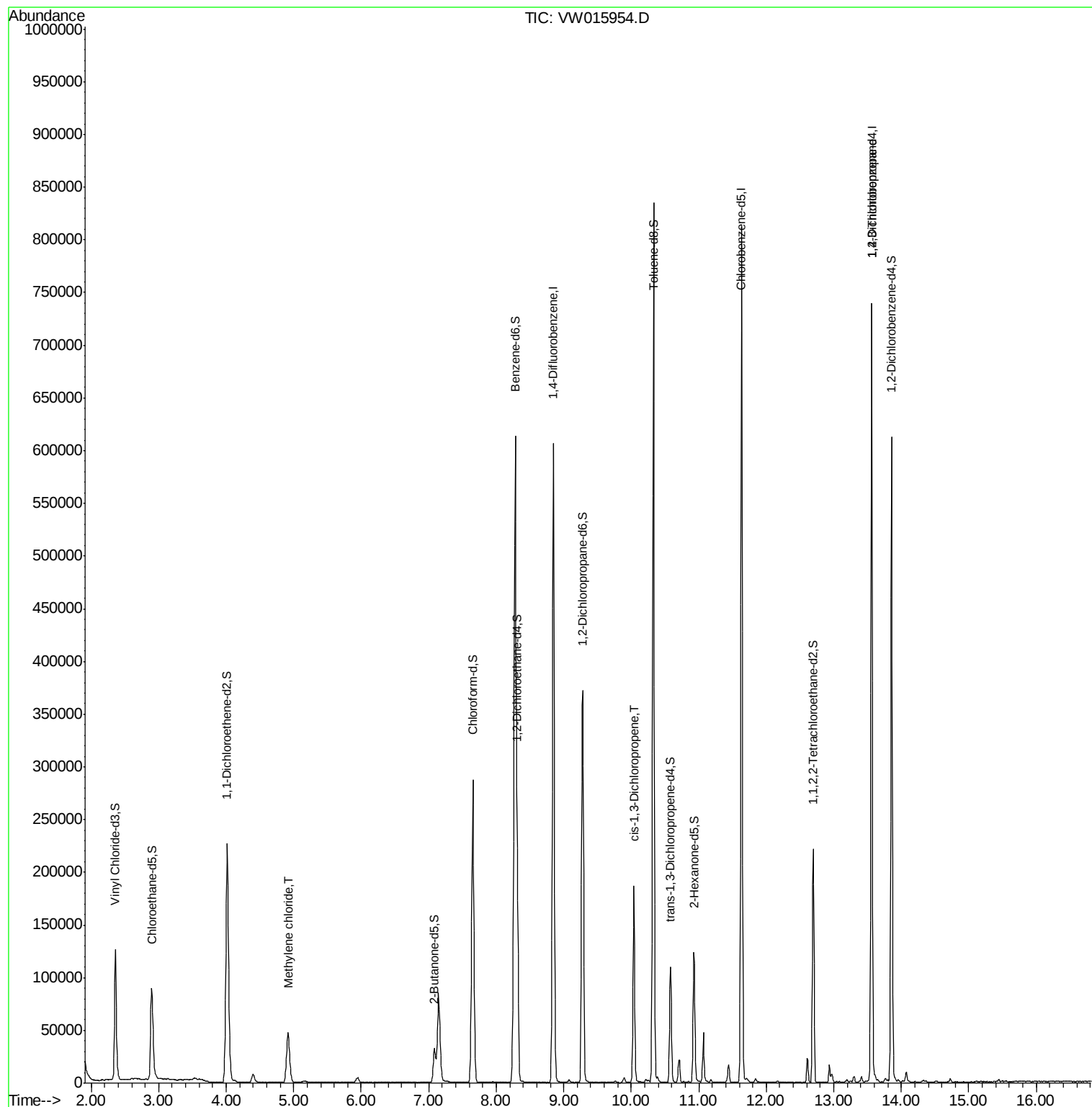
					Ovalue
16) Methylene chloride	4.92	84	38439	4.597 ug/L	93
42) cis-1,3-Dichloropropene	10.04	75	4683	0.459 ug/L #	58
59) 1,2,3-Trichloropropane	13.56	75	23243	5.481 ug/L	92

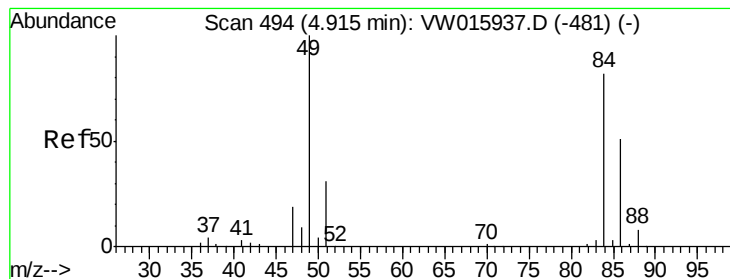
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#16

Methylene chloride

Concen: 4.597 ug/L

RT: 4.92 min Scan# 494

Delta R.T. 0.00 min

Lab File: VW015954.D

Acq: 24 Jul 2020 16:53

Instrument :

MSVOA_W

ClientSampleId :

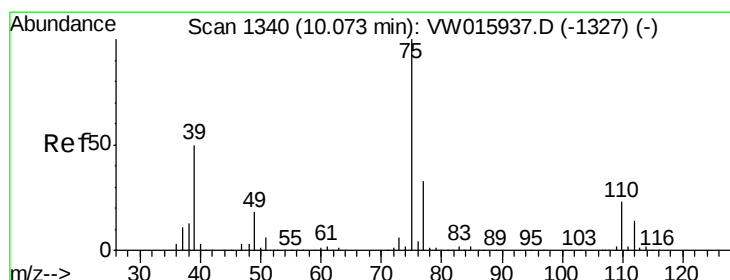
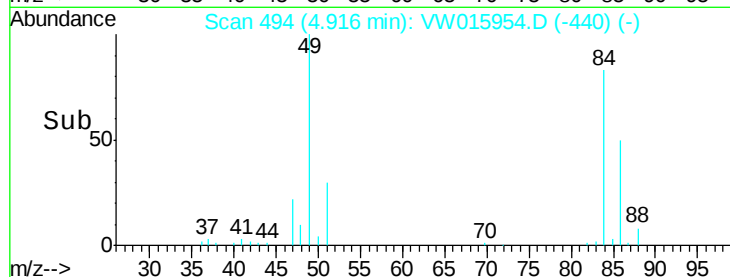
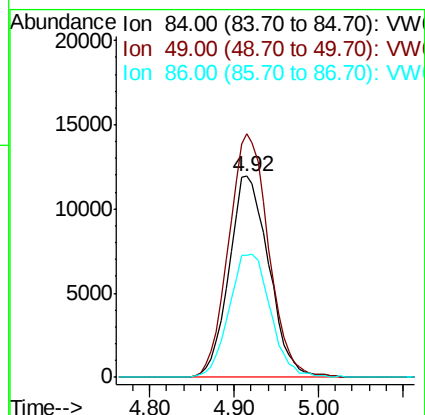
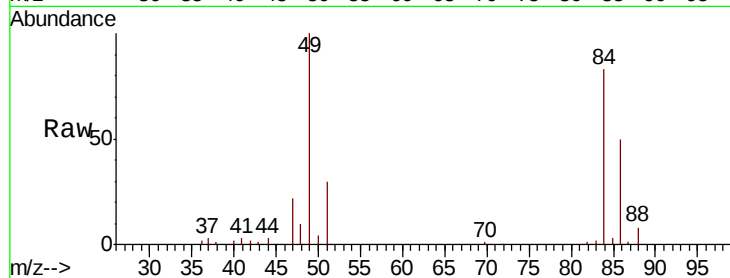
Tot Ion: 84 Resp: 38439

Ion Ratio Lower Upper

84 100

49 121.0 91.1 169.1

86 60.7 46.0 85.4



#42

cis-1,3-Dichloropropene

Concen: 0.459 ug/L

RT: 10.04 min Scan# 1334

Delta R.T. -0.04 min

Lab File: VW015954.D

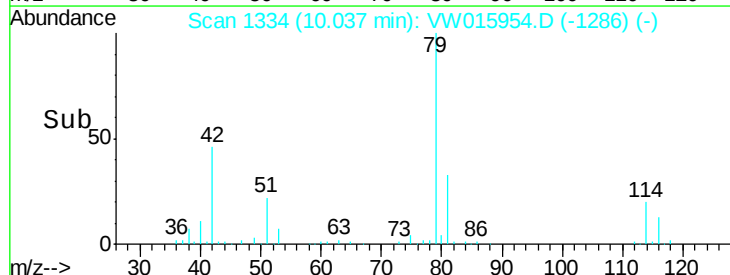
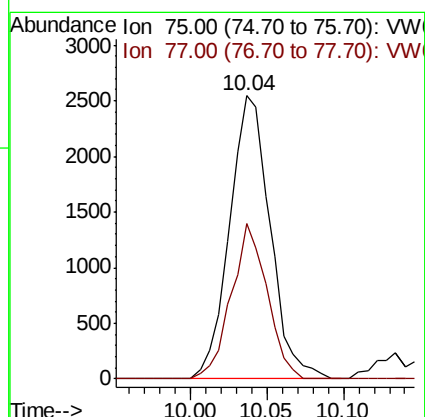
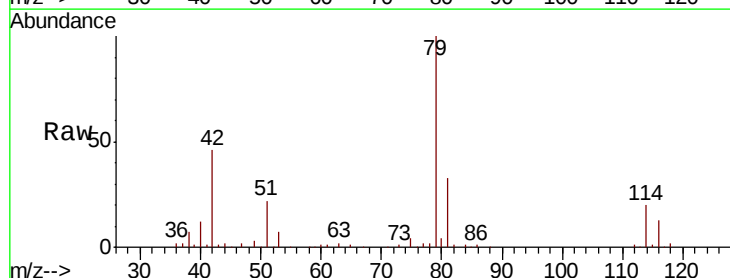
Acq: 24 Jul 2020 16:53

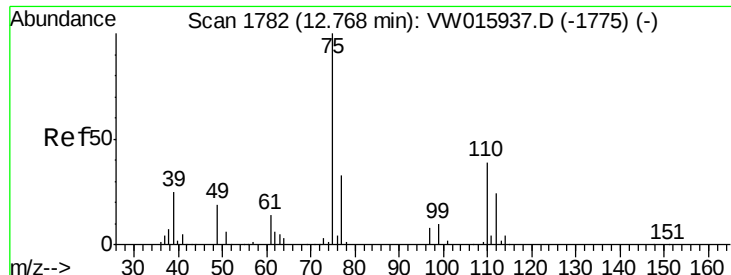
Tgt Ion: 75 Resp: 4683

Ion Ratio Lower Upper

75 100

77 55.0 22.2 41.2#





#59

1,2,3-Trichloropropane

Concen: 5.481 ug/L

RT: 13.56 min Scan# 1912

Delta R.T. 0.79 min

Lab File: VW015954.D

Acq: 24 Jul 2020 16:53

Instrument :

MSVOA_W

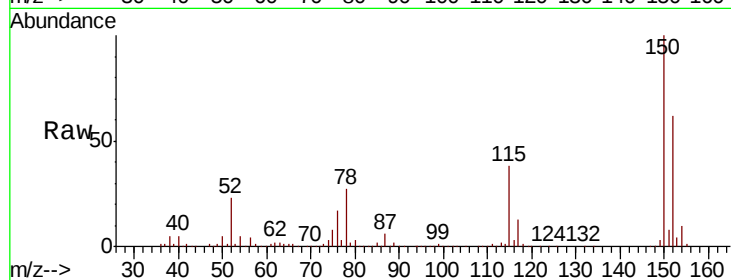
ClientSampleId :

Tot Ion: 75 Resp: 23243

Ion Ratio Lower Upper

75 100

77 37.0 26.0 39.0



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW

