

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW091020\
 Data File : VW016530.D
 Acq On : 10 Sep 2020 17:33
 Operator : SY/VA
 Sample : L3957-03
 Misc : 6.51G/10ML/MSVOA W/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Sep 11 06:16:17 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM090320S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Sep 11 06:07:14 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	575724	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	510480	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	212534	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.37	65	125099	20.48	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	81.92%
7) Chloroethane-d5	2.90	69	122247	22.29	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	89.16%
10) 1,1-Dichloroethene-d2	4.03	63	181418	12.92	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	51.68%
20) 2-Butanone-d5	7.08	46	66950	30.69	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	61.38%
24) Chloroform-d	7.65	84	299933	22.24	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	88.96%
26) 1,2-Dichloroethane-d4	8.31	65	153947	20.88	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	83.52%
29) Benzene-d6	8.28	84	547694	21.10	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	84.40%
33) 1,2-Dichloropropane-d6	9.28	67	163959	21.51	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	86.04%
37) Toluene-d8	10.33	98	494598	20.05	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	80.20%
38) trans-1,3-Dichloropropene-	10.58	79	74212	19.29	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	77.16%
39) 2-Hexanone-d5	10.93	63	54229	34.80	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	69.60%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	126371	19.60	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	78.40%
61) 1,2-Dichlorobenzene-d4	13.85	152	174702	23.79	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	95.16%

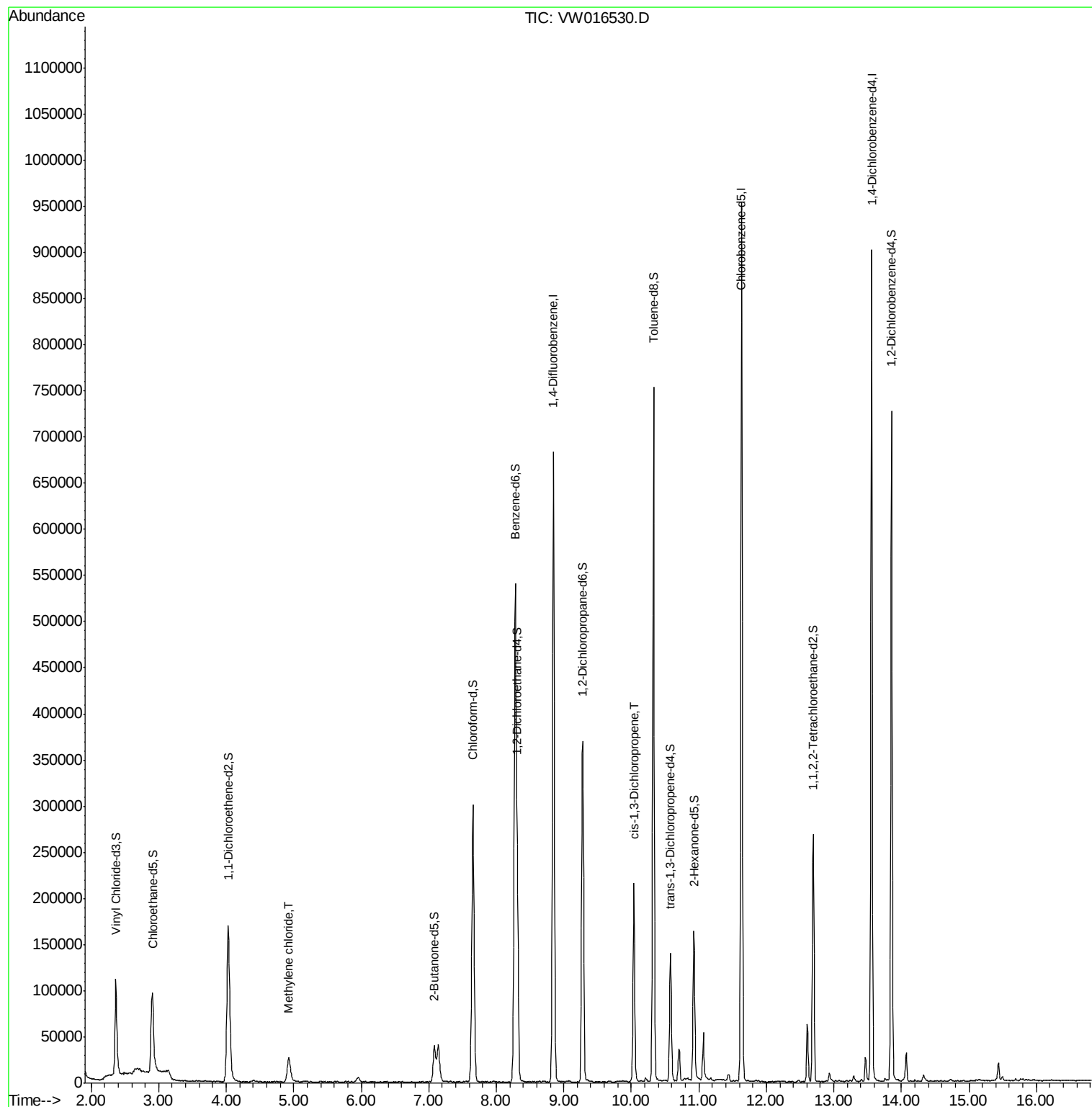
Target Compounds					Ovalue
16) Methylene chloride	4.93	84	22398	2.493 ug/L	94
42) cis-1,3-Dichloropropene	10.04	75	6396	0.546 ug/L #	58

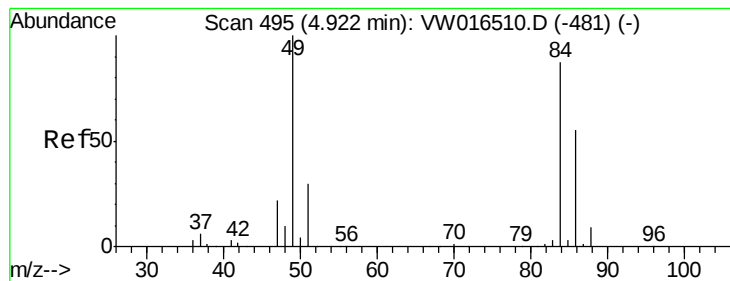
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#16

Methylene chloride

Concen: 2.493 ug/L

RT: 4.93 min Scan# 497

Delta R.T. 0.01 min

Lab File: VW016530.D

Acq: 10 Sep 2020 17:33

Instrument :

MSVOA_W

ClientSampled :

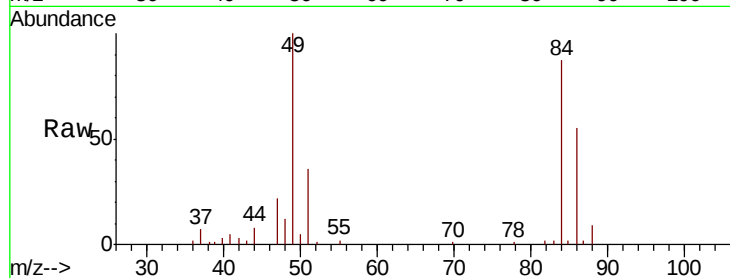
Tot Ion: 84 Resp: 22398

Ion Ratio Lower Upper

84 100

49 115.0 86.7 160.9

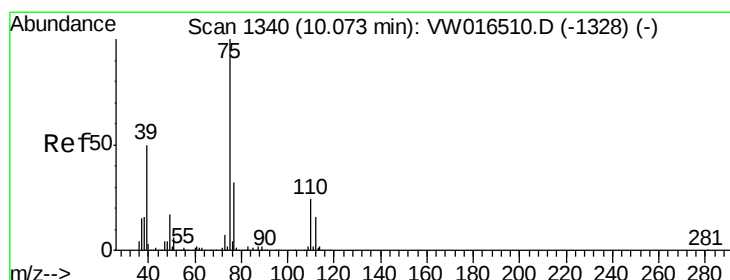
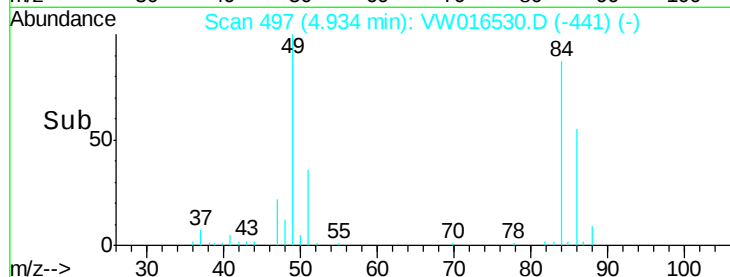
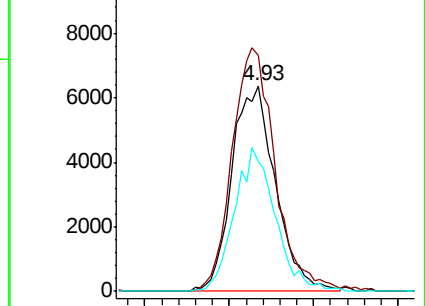
86 63.1 44.9 83.5



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: 0.546 ug/L

RT: 10.04 min Scan# 1334

Delta R.T. -0.04 min

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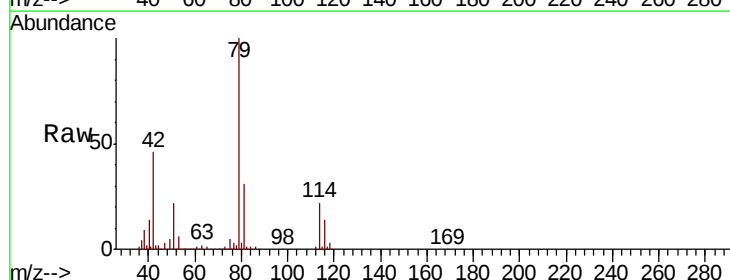
Acq: 10 Sep 2020 17:33

Tgt Ion: 75 Resp: 6396

Ion Ratio Lower Upper

75 100

77 52.4 20.9 38.7#



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW

