

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW091120\
 Data File : VW016552.D
 Acq On : 11 Sep 2020 16:15
 Operator : SY/VA
 Sample : L3957-13
 Misc : 5.09G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Sep 12 02:19:16 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM090320S.M
 Quant Title : VOC Analysis
 QLast Update : Sat Sep 12 02:10:36 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	567872	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	500188	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	211808	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.37	65	133897	22.22	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	88.88%
7) Chloroethane-d5	2.90	69	139827	25.85	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	103.40%
10) 1,1-Dichloroethene-d2	4.03	63	235604	17.01	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	68.04%
20) 2-Butanone-d5	7.08	46	77781	36.15	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	72.30%
24) Chloroform-d	7.66	84	337474	25.37	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	101.48%
26) 1,2-Dichloroethane-d4	8.31	65	181310	24.93	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	99.72%
29) Benzene-d6	8.28	84	651308	25.61	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	102.44%
33) 1,2-Dichloropropane-d6	9.28	67	185663	24.85	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	99.40%
37) Toluene-d8	10.33	98	621324	25.71	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	102.84%
38) trans-1,3-Dichloropropene-	10.59	79	81606	21.65	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	86.60%
39) 2-Hexanone-d5	10.93	63	63026	41.28	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	82.56%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	142424	22.54	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	90.16%
61) 1,2-Dichlorobenzene-d4	13.85	152	194209	26.53	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	106.12%

Target Compounds

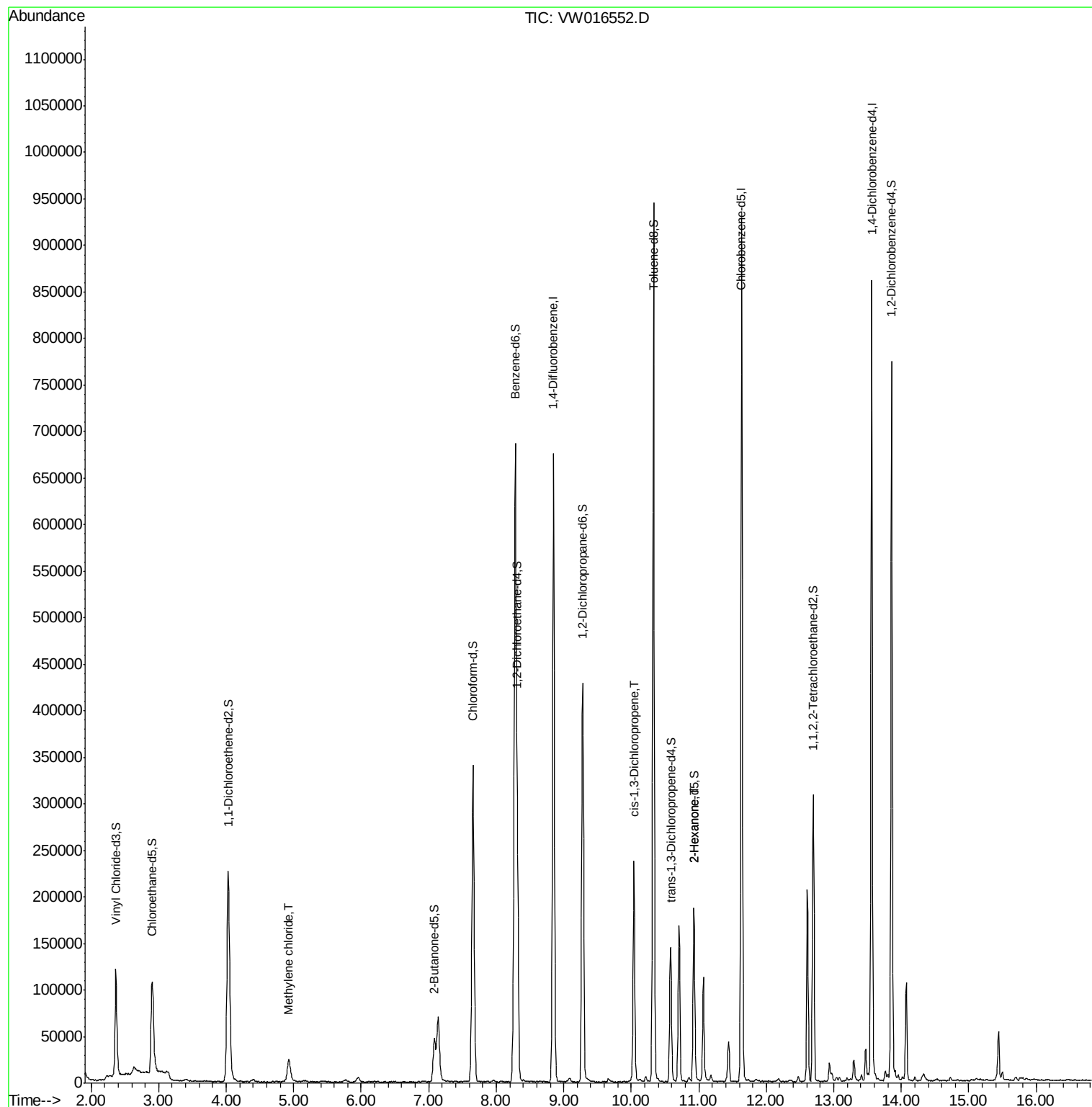
					Ovalue
16) Methylene chloride	4.93	84	19067	2.151 ug/L	92
42) cis-1,3-Dichloropropene	10.04	75	7443	0.649 ug/L #	58
49) 2-Hexanone	10.93	43	7869	2.360 ug/L #	65

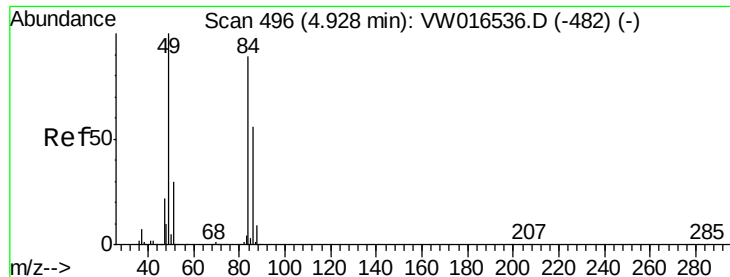
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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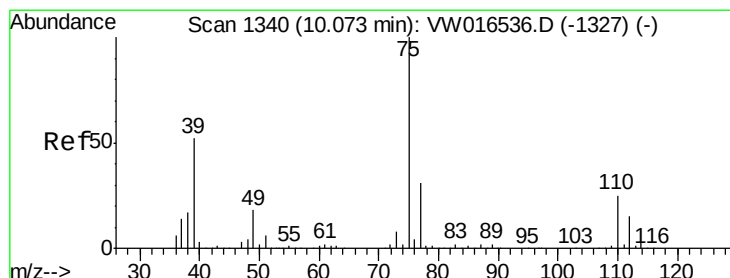
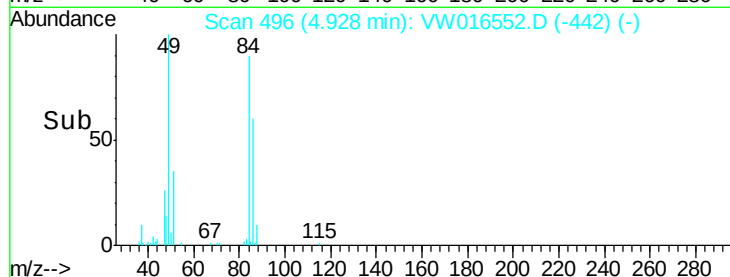
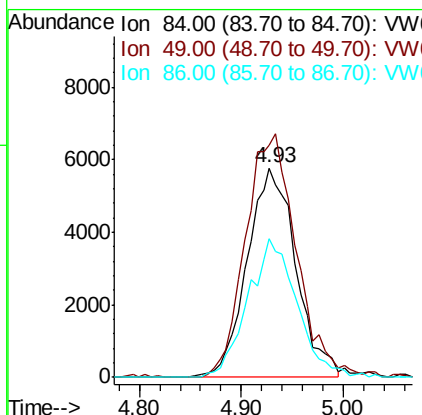
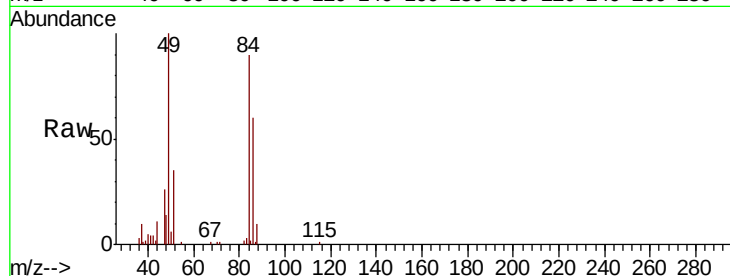




#16
Methylene chloride
Concen: 2.151 ug/L
RT: 4.93 min Scan# 496
Delta R.T. 0.00 min
Lab File: VW016552.D
Acq: 11 Sep 2020 16:15

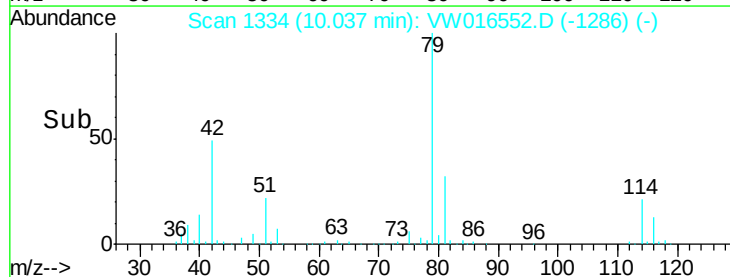
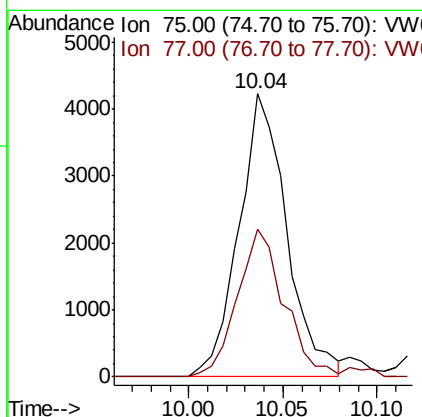
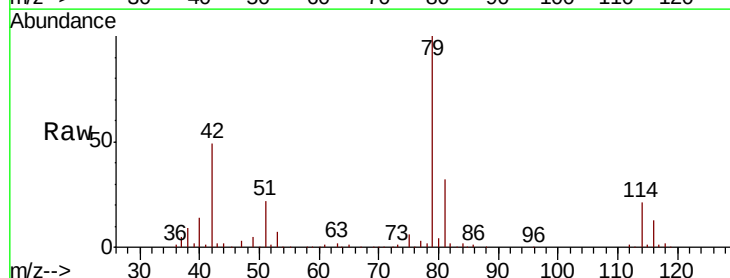
Instrument :
MSVOA_W
ClientSampleId :

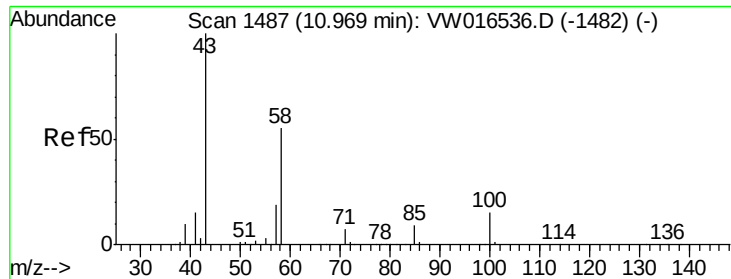
Tot Ion: 84 Resp: 19067
Ion Ratio Lower Upper
84 100
49 110.6 86.7 160.9
86 65.9 44.9 83.5



#42
cis-1,3-Dichloropropene
Concen: 0.649 ug/L
RT: 10.04 min Scan# 1334
Delta R.T. -0.04 min
Lab File: VW016552.D
Acq: 11 Sep 2020 16:15

Tgt Ion: 75 Resp: 7443
Ion Ratio Lower Upper
75 100
77 52.4 20.9 38.7#





#49

2-Hexanone

Concen: 2.360 ug/L

RT: 10.93 min Scan# 1480

Delta R.T. -0.04 min

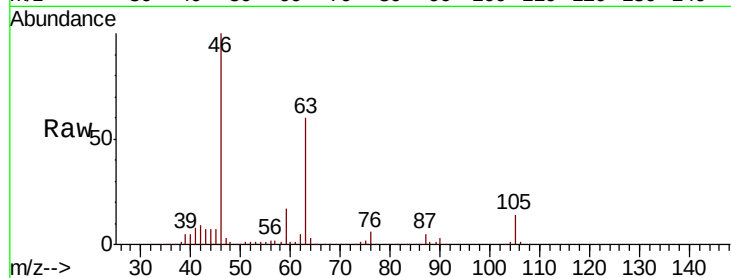
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MSVOA_W

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Tot Ion:	43	Resp:	7869
Ion	Ratio	Lower	Upper
43	100		
58	22.6	42.1	63.1#
57	25.4	14.9	22.3#
100	0.0	10.3	15.5#

