

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW081920\
 Data File : VW016251.D
 Acq On : 19 Aug 2020 11:40
 Operator : SY/VA
 Sample : L3702-20
 Misc : 5.05G/10ML/MSVOA W/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Aug 20 01:41:42 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM081020S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Aug 20 01:39:58 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	344531	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	328913	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	144231	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	83534	19.56	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	78.24%
7) Chloroethane-d5	2.90	69	69310	21.38	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	85.52%
10) 1,1-Dichloroethene-d2	4.01	63	152966	16.86	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	67.44%
20) 2-Butanone-d5	7.09	46	47173	41.97	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	83.94%
24) Chloroform-d	7.65	84	223836	24.21	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	96.84%
26) 1,2-Dichloroethane-d4	8.31	65	114463	23.31	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	93.24%
29) Benzene-d6	8.28	84	442191	24.71	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	98.84%
33) 1,2-Dichloropropane-d6	9.28	67	129472	24.61	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	98.44%
37) Toluene-d8	10.33	98	405194	24.69	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	98.76%
38) trans-1,3-Dichloropropene-	10.59	79	53716	22.71	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	90.84%
39) 2-Hexanone-d5	10.93	63	39579	43.60	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	87.20%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	105546	24.64	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	98.56%
61) 1,2-Dichlorobenzene-d4	13.86	152	143247	28.02	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	112.08%

Target Compounds

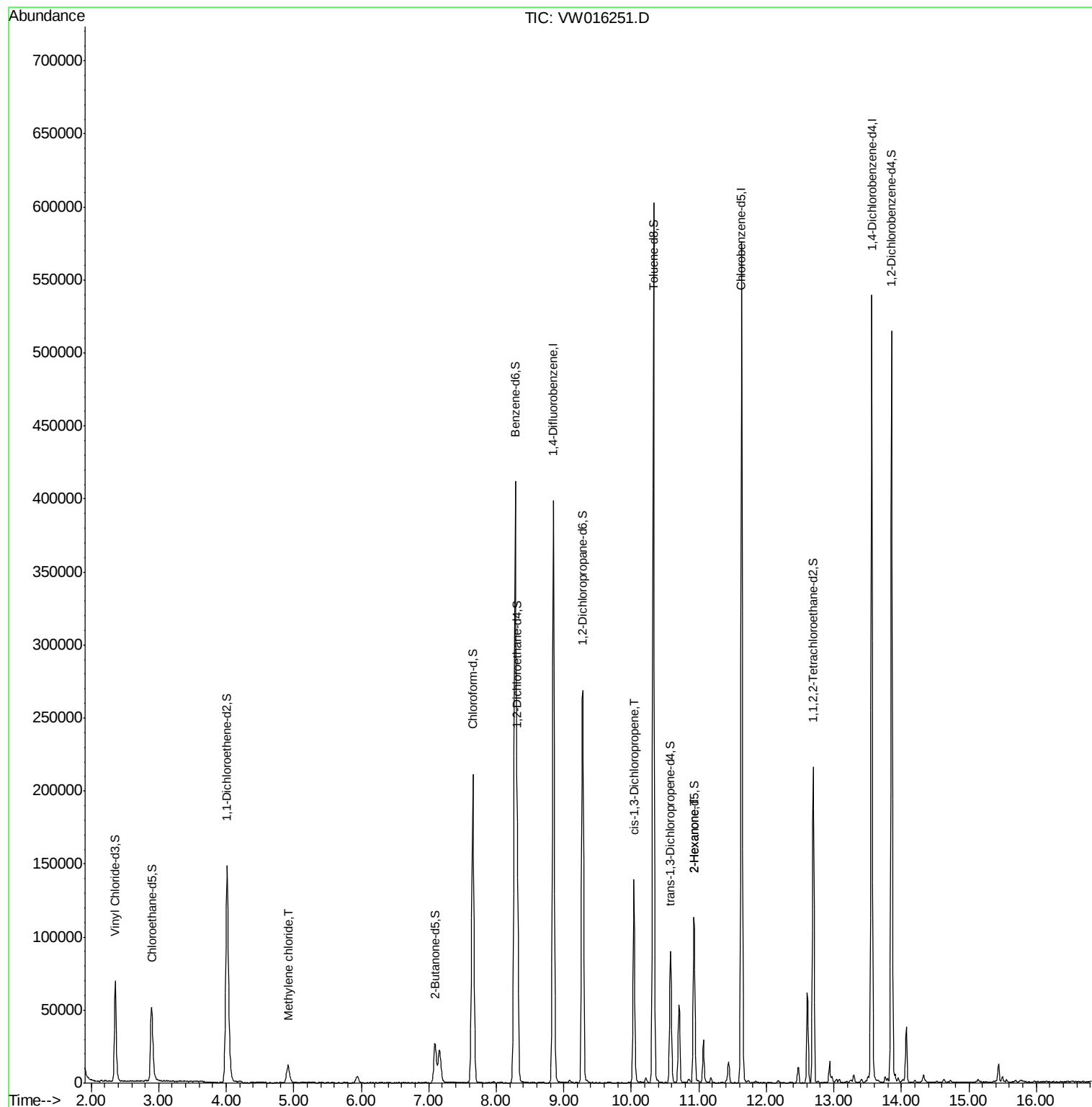
					Ovalue
16) Methylene chloride	4.92	84	9853	1.811 ug/L	96
42) cis-1,3-Dichloropropene	10.04	75	3909	0.551 ug/L	92
49) 2-Hexanone	10.93	43	4642	2.456 ug/L #	67

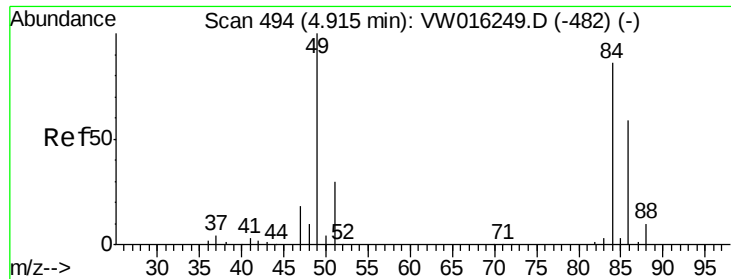
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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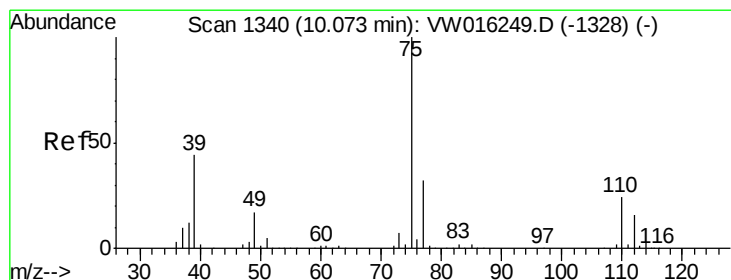
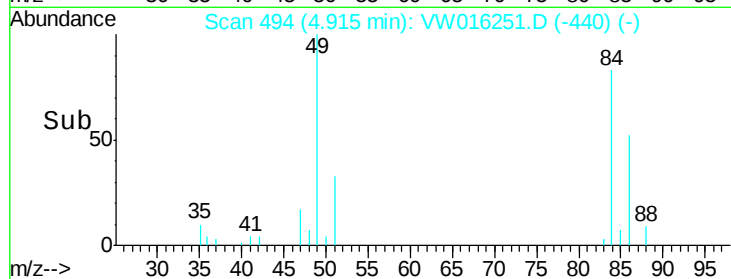
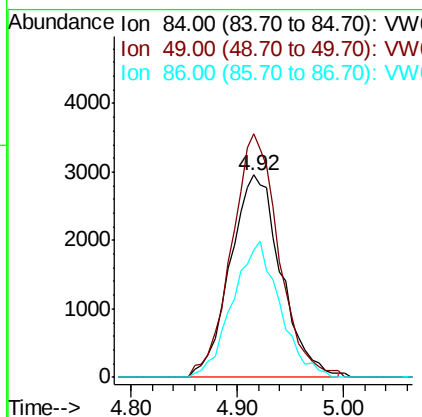
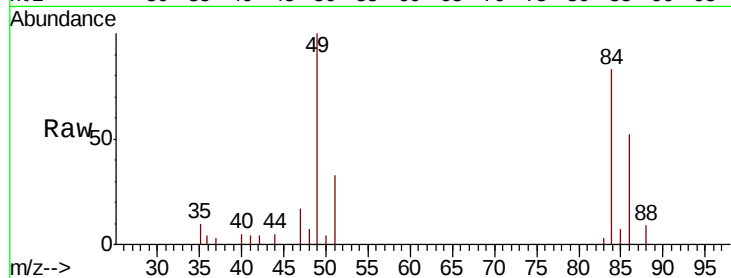




#16
Methylene chloride
Concen: 1.811 ug/L
RT: 4.92 min Scan# 494
Delta R.T. 0.00 min
Lab File: VW016251.D
Acq: 19 Aug 2020 11:40

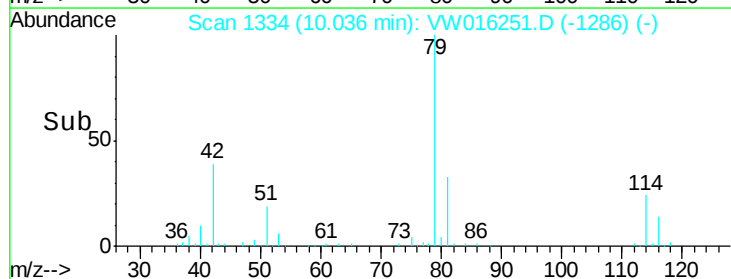
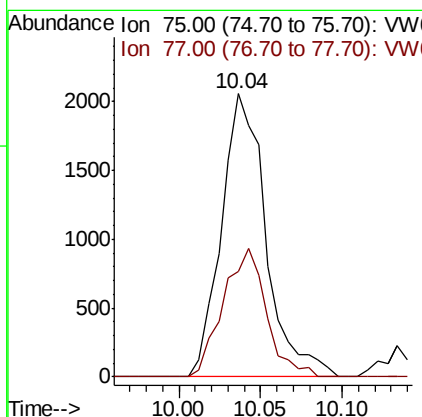
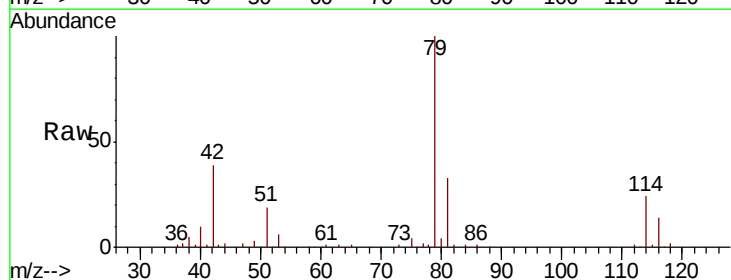
Instrument :
MSVOA_W
ClientSampleId :

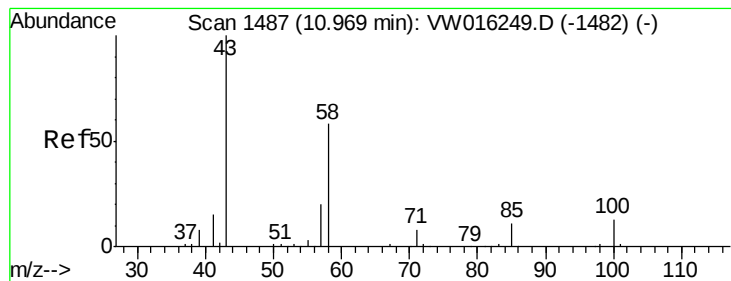
Tot Ion: 84 Resp: 9853
Ion Ratio Lower Upper
84 100
49 120.3 80.4 149.4
86 63.1 43.8 81.3



#42
cis-1,3-Dichloropropene
Concen: 0.551 ug/L
RT: 10.04 min Scan# 1334
Delta R.T. -0.04 min
Lab File: VW016251.D
Acq: 19 Aug 2020 11:40

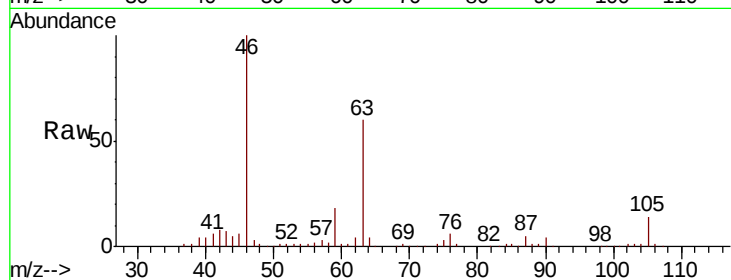
Tgt Ion: 75 Resp: 3909
Ion Ratio Lower Upper
75 100
77 37.1 22.9 42.5





#49
 2-Hexanone
 Concen: 2.456 ug/L
 RT: 10.93 min Scan# 1480
 Delta R.T. -0.04 min
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Tot Ion:	43	Resp:	4642
Ion	Ratio	Lower	Upper
43	100		
58	28.5	44.2	66.2#
57	32.9	15.8	23.6#
100	3.3	10.8	16.2#

