

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW073020\
 Data File : VW016015.D
 Acq On : 30 Jul 2020 16:43
 Operator : SY/VA
 Sample : L3395-22
 Misc : 5.02G/10ML/MSVOA W/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jul 31 06:38:18 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM072020S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jul 31 06:34:21 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	408315	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	388102	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	168374	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	90048	15.63	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	62.52%
7) Chloroethane-d5	2.90	69	87360	18.67	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	74.68%
10) 1,1-Dichloroethene-d2	4.01	63	159163	13.66	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	54.64%
20) 2-Butanone-d5	7.09	46	79391	52.46	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	104.92%
24) Chloroform-d	7.65	84	244708	21.34	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	85.36%
26) 1,2-Dichloroethane-d4	8.31	65	135662	21.55	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	86.20%
29) Benzene-d6	8.28	84	485690	20.56	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	82.24%
33) 1,2-Dichloropropane-d6	9.28	67	153681	21.70	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	86.80%
37) Toluene-d8	10.33	98	420352	19.64	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	78.56%
38) trans-1,3-Dichloropropene-	10.58	79	56398	18.68	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	74.72%
39) 2-Hexanone-d5	10.93	63	58335	49.47	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	98.94%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	133496	24.52	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	98.08%
61) 1,2-Dichlorobenzene-d4	13.86	152	150083	22.86	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	91.44%

Target Compounds

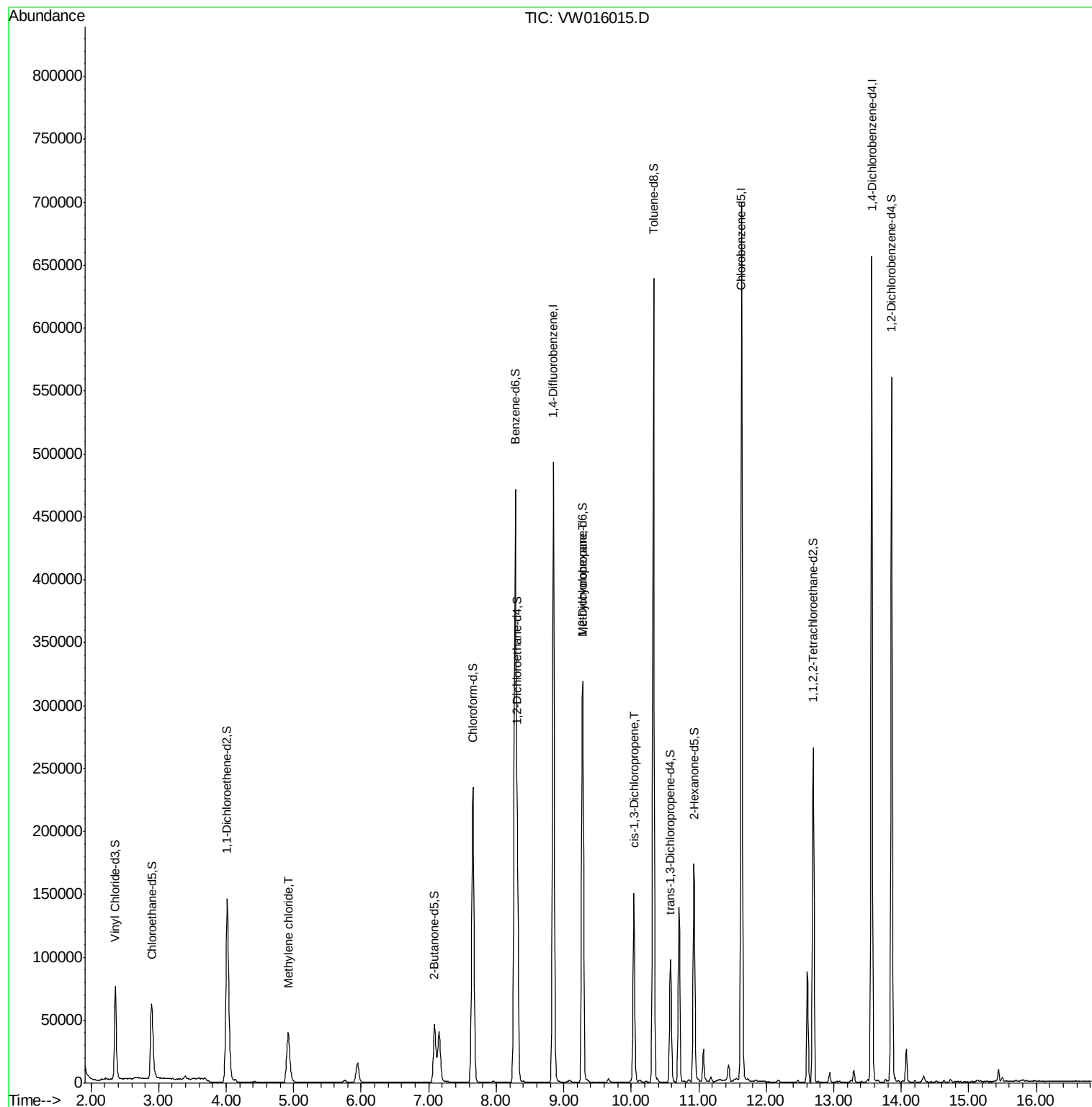
					Ovalue
16) Methylene chloride	4.92	84	32877	4.914 ug/L	89
36) Methylcyclohexane	9.28	83	37139	3.471 ug/L #	18
42) cis-1,3-Dichloropropene	10.04	75	4028	0.453 ug/L #	74

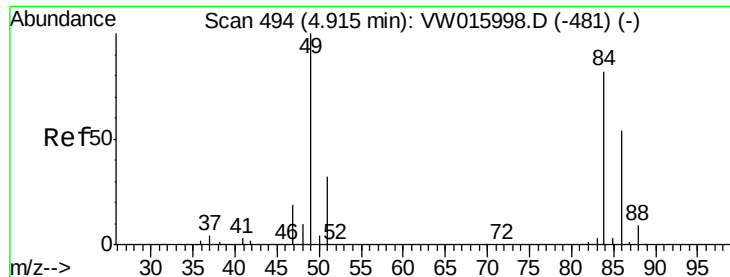
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Fri Jul 31 06:34:21 2020
Response via : Initial Calibration

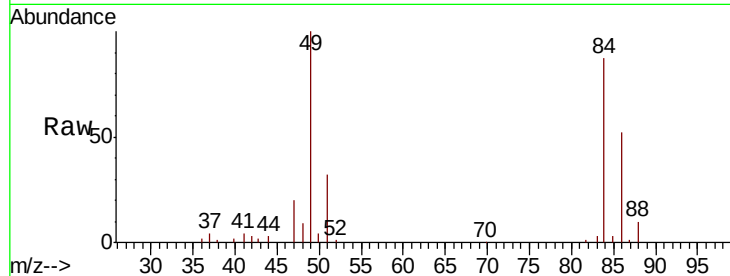




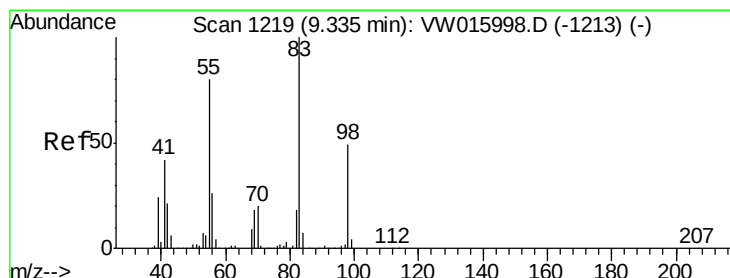
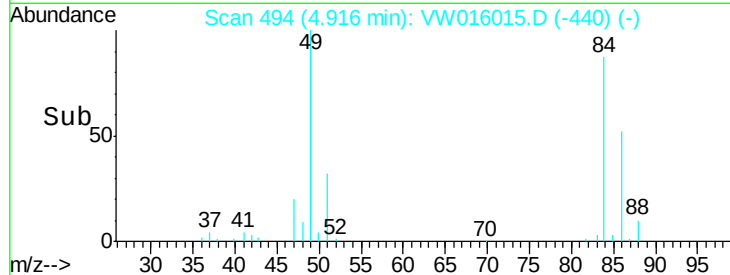
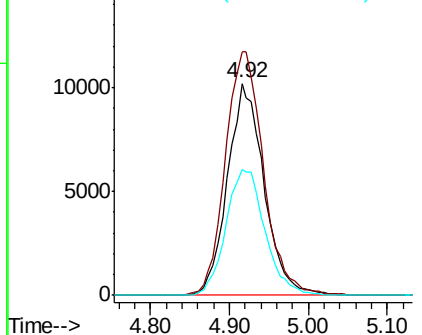
#16
Methylene chloride
Concen: 4.914 ug/L
RT: 4.92 min Scan# 494
Delta R.T. 0.00 min
Lab File: VW016015.D
Acq: 30 Jul 2020 16:43

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion: 84 Resp: 32877
Ion Ratio Lower Upper
84 100
49 114.9 91.1 169.1
86 59.4 46.0 85.4

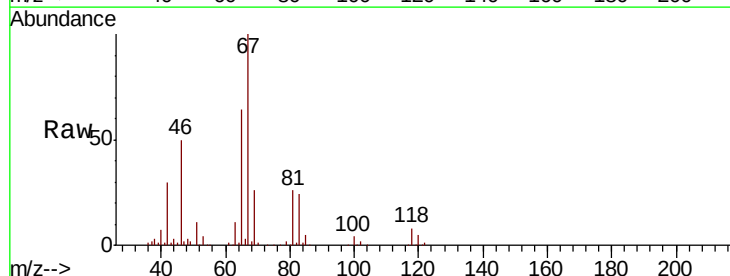


Abundance Ion 84.00 (83.70 to 84.70): VW
Ion 49.00 (48.70 to 49.70): VW
Ion 86.00 (85.70 to 86.70): VW

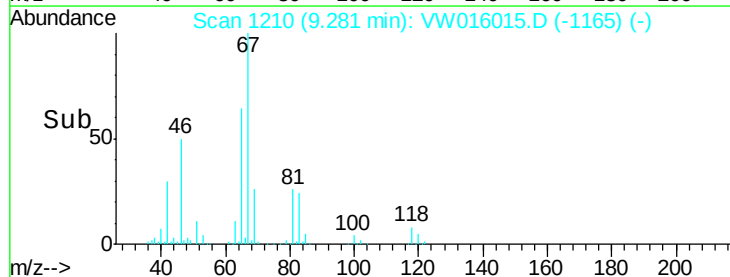
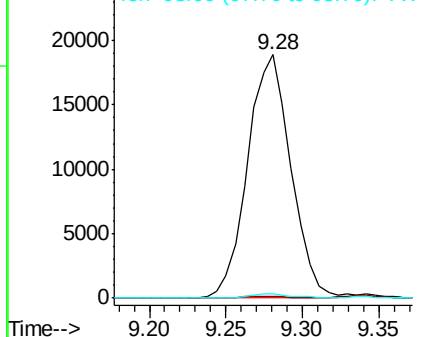


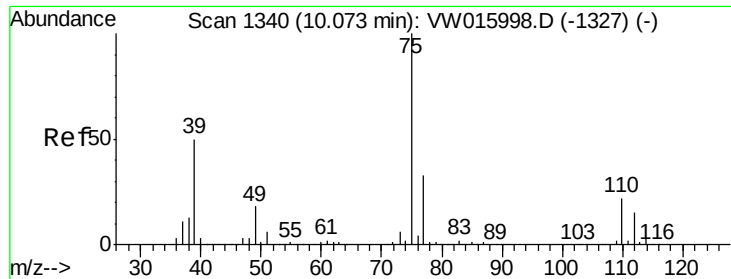
#36
Methylcyclohexane
Concen: 3.471 ug/L
RT: 9.28 min Scan# 1210
Delta R.T. -0.05 min
Lab File: VW016015.D
Acq: 30 Jul 2020 16:43

Tgt Ion: 83 Resp: 37139
Ion Ratio Lower Upper
83 100
55 0.6 63.5 95.3#
98 1.7 39.0 58.4#



Abundance Ion 83.00 (82.70 to 83.70): VW
Ion 55.00 (54.70 to 55.70): VW
Ion 98.00 (97.70 to 98.70): VW





#42

cis-1,3-Dichloropropene

Concen: 0.453 ug/L

RT: 10.04 min Scan# 1335

Delta R.T. -0.03 min

Lab File: VW016015.D

Acq: 30 Jul 2020 16:43

Instrument :

MSVOA_W

ClientSampleId :

Tot Ion: 75 Resp: 4028

Ion Ratio Lower Upper

75 100

77 45.9 22.2 41.2#

