

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW073020\
 Data File : VW016005.D
 Acq On : 30 Jul 2020 12:47
 Operator : SY/VA
 Sample : L3492-10
 Misc : 4.26G/10ML/MSVOA W/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jul 31 06:36:51 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	521532	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	465169	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	188449	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	116215	15.79	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	63.16%
7) Chloroethane-d5	2.90	69	99041	16.57	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	66.28%
10) 1,1-Dichloroethene-d2	4.01	63	182648	12.28	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	49.12%
20) 2-Butanone-d5	7.09	46	59511	30.79	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	61.58%
24) Chloroform-d	7.65	84	248013	16.93	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	67.72%
26) 1,2-Dichloroethane-d4	8.31	65	128052	15.93	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	63.72%#
29) Benzene-d6	8.28	84	500985	17.69	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	70.76%
33) 1,2-Dichloropropane-d6	9.28	67	154680	18.22	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	72.88%
37) Toluene-d8	10.33	98	436825	17.03	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	68.12%
38) trans-1,3-Dichloropropene-	10.58	79	55657	15.38	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	61.52%
39) 2-Hexanone-d5	10.93	63	42212	29.87	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	59.74%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	107196	16.43	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	65.72%
61) 1,2-Dichlorobenzene-d4	13.85	152	136751	18.61	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	74.44%#

Target Compounds

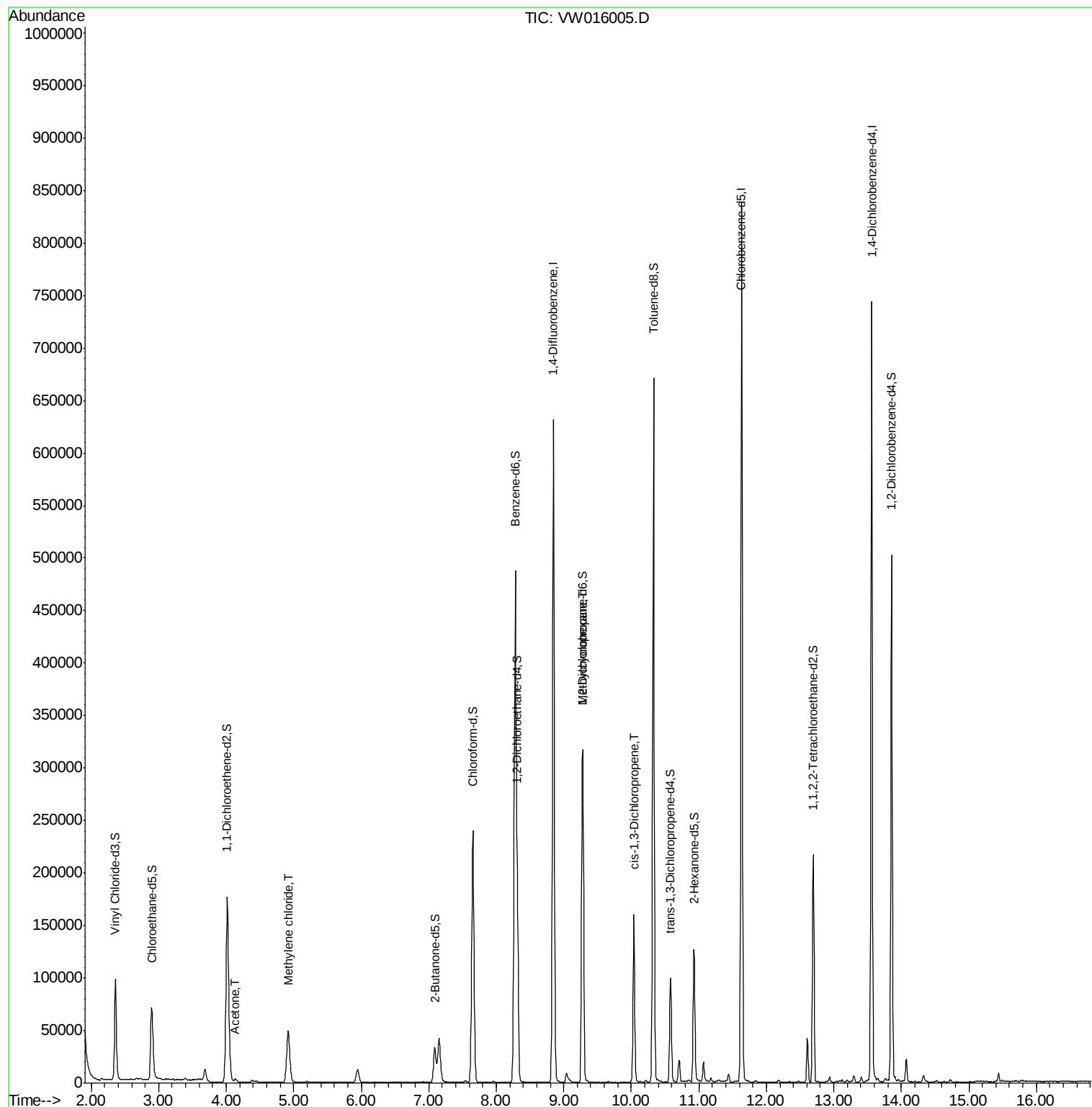
					Ovalue
13) Acetone	4.14	43	5096	3.139 ug/L	93
16) Methylene chloride	4.92	84	39926	4.672 ug/L	91
36) Methylcyclohexane	9.28	83	37212	2.902 ug/L #	18
42) cis-1,3-Dichloropropene	10.04	75	3654	0.343 ug/L #	60

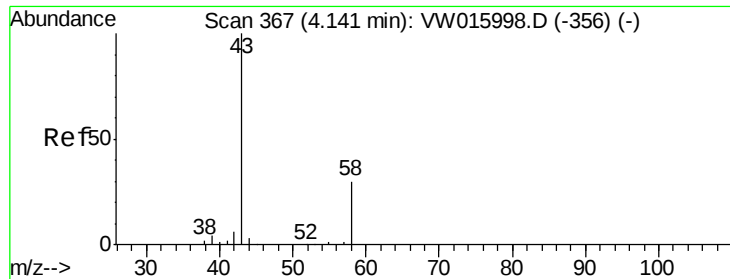
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Jul 31 06:34:21 2020
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#13

Acetone

Concen: 3.139 ug/L

RT: 4.14 min Scan# 366

Delta R.T. -0.01 min

Lab File: VW016005.D

Acq: 30 Jul 2020 12:47

Instrument :

MSVOA_W

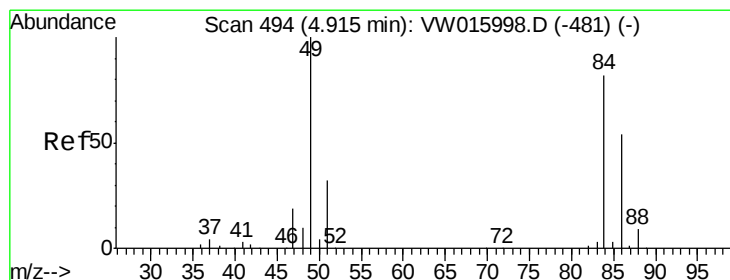
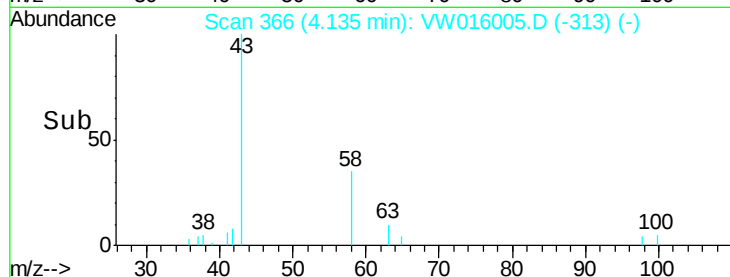
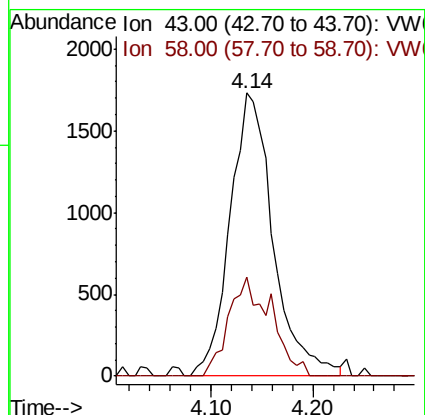
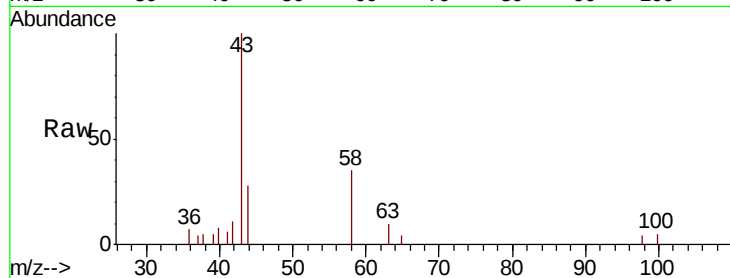
ClientSampleId :

Tot Ion: 43 Resp: 5096

Ion Ratio Lower Upper

43 100

58 25.5 0.0 58.2



#16

Methylene chloride

Concen: 4.672 ug/L

RT: 4.92 min Scan# 494

Delta R.T. -0.00 min

Lab File: VW016005.D

Acq: 30 Jul 2020 12:47

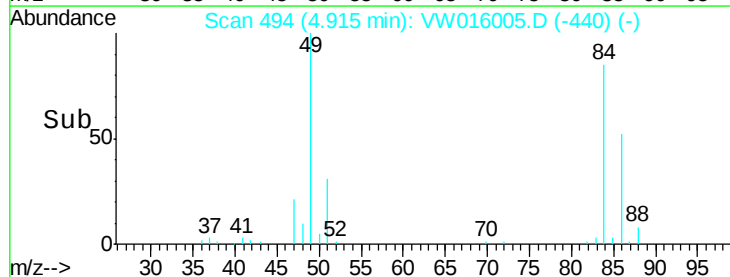
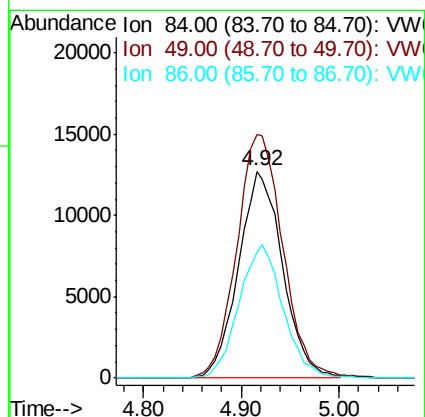
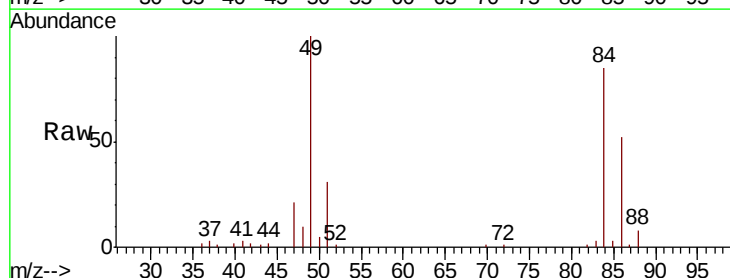
Tgt Ion: 84 Resp: 39926

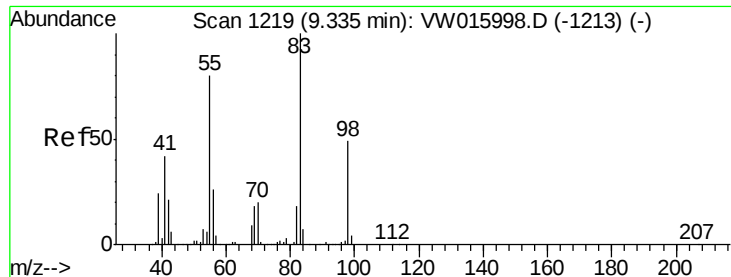
Ion Ratio Lower Upper

84 100

49 117.9 91.1 169.1

86 61.0 46.0 85.4

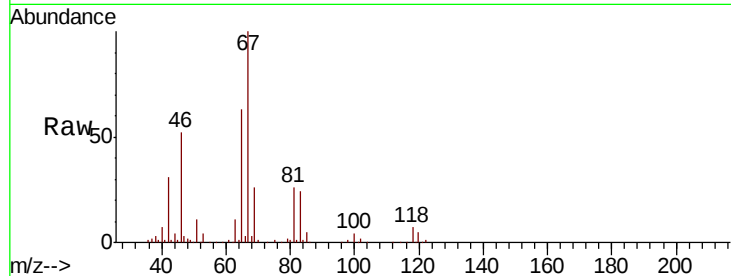




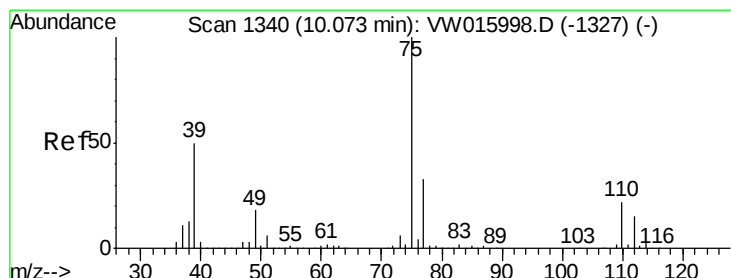
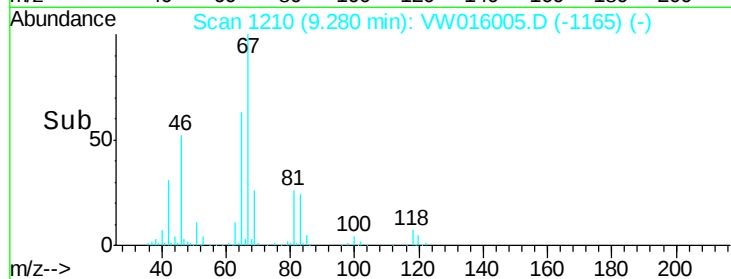
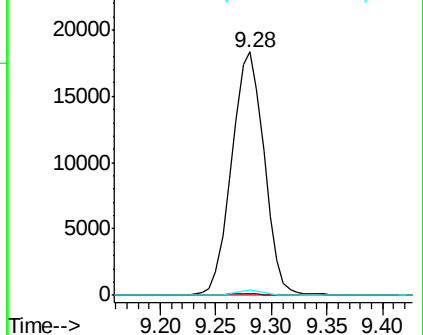
#36
Methylcyclohexane
Concen: 2.902 ug/L
RT: 9.28 min Scan# 1210
Delta R.T. -0.05 min
Lab File: VW016005.D
Acq: 30 Jul 2020 12:47

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion: 83 Resp: 37212
Ion Ratio Lower Upper
83 100
55 0.3 63.5 95.3#
98 1.7 39.0 58.4#

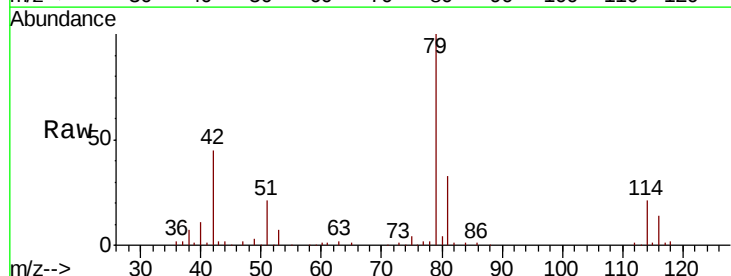


Abundance Ion 83.00 (82.70 to 83.70): VW
Ion 55.00 (54.70 to 55.70): VW
Ion 98.00 (97.70 to 98.70): VW



#42
cis-1,3-Dichloropropene
Concen: 0.343 ug/L
RT: 10.04 min Scan# 1334
Delta R.T. -0.04 min
Lab File: VW016005.D
Acq: 30 Jul 2020 12:47

Tgt Ion: 75 Resp: 3654
Ion Ratio Lower Upper
75 100
77 53.9 22.2 41.2#



Abundance Ion 75.00 (74.70 to 75.70): VW
Ion 77.00 (76.70 to 77.70): VW

