

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW061920\
 Data File : VW015640.D
 Acq On : 19 Jun 2020 15:57
 Operator : SY/VA
 Sample : L3027-05
 Misc : 5.01G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jun 20 00:46:22 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM052620S.M
 Quant Title : VOC Analysis
 QLast Update : Sat Jun 20 00:44:55 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	298935	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	276318	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	125950	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	53482	19.52	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	78.08%
7) Chloroethane-d5	2.89	69	67486	24.77	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	99.08%
10) 1,1-Dichloroethene-d2	4.01	63	97241	14.57	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	58.28%
20) 2-Butanone-d5	7.09	46	49939	55.84	ug/L	0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	=	111.68%
24) Chloroform-d	7.65	84	165954	24.01	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	96.04%
26) 1,2-Dichloroethane-d4	8.31	65	98962	25.73	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	102.92%
29) Benzene-d6	8.27	84	311117	22.96	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	91.84%
33) 1,2-Dichloropropane-d6	9.27	67	98315	23.87	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	95.48%
37) Toluene-d8	10.32	98	290073	22.02	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	88.08%
38) trans-1,3-Dichloropropene-	10.58	79	36172	18.99	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	75.96%
39) 2-Hexanone-d5	10.93	63	38742	54.34	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	108.68%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	81849	26.40	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	105.60%
61) 1,2-Dichlorobenzene-d4	13.85	152	103029	24.41	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	97.64%

Target Compounds

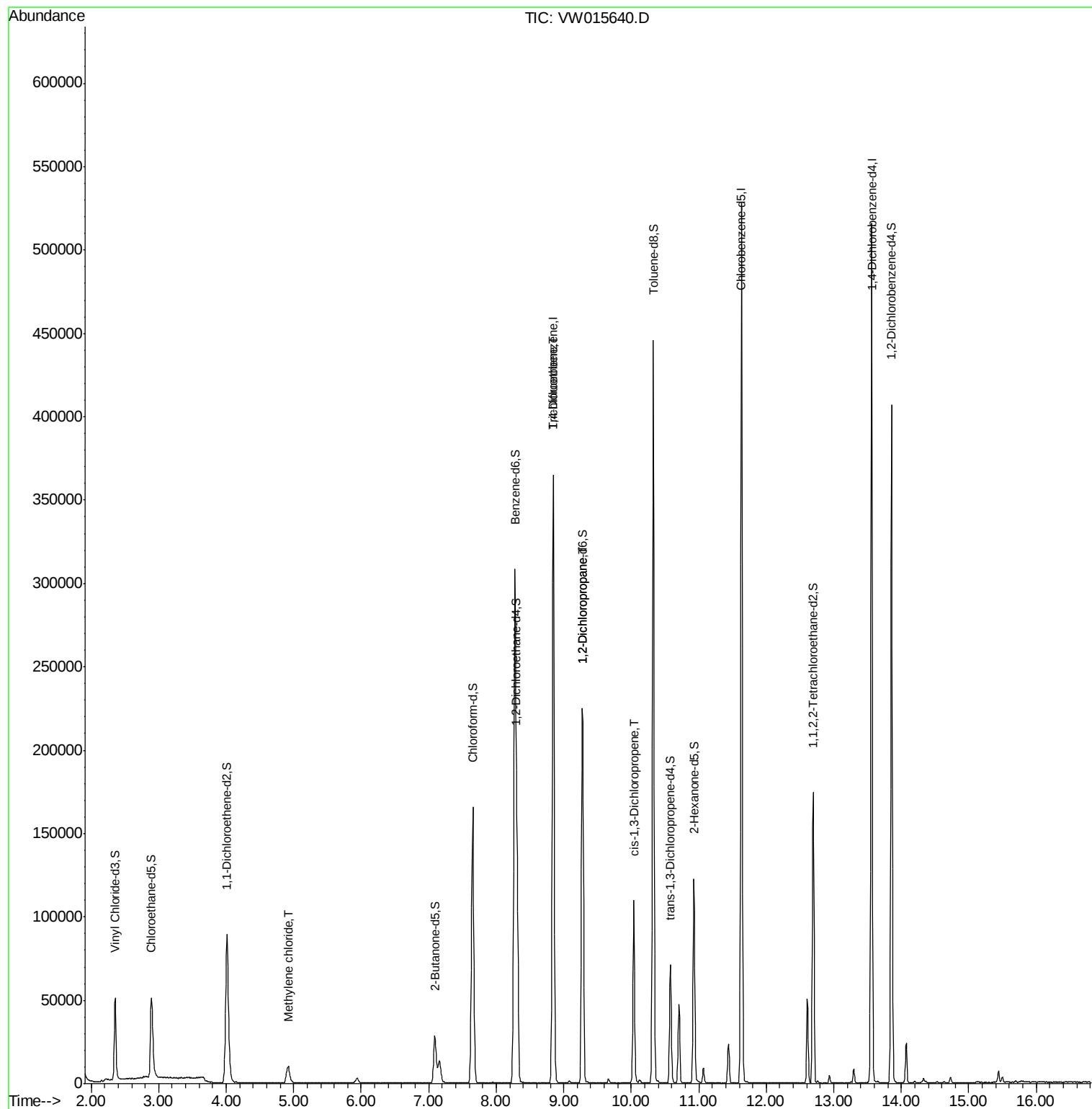
					Ovalue
16) Methylene chloride	4.92	84	8166	2.226 ug/L	92
35) Trichloroethene	8.84	95	9480	2.284 ug/L #	5
40) 1,2-Dichloropropane	9.28	63	12086	3.176 ug/L #	85
42) cis-1,3-Dichloropropene	10.04	75	2884	0.474 ug/L #	67

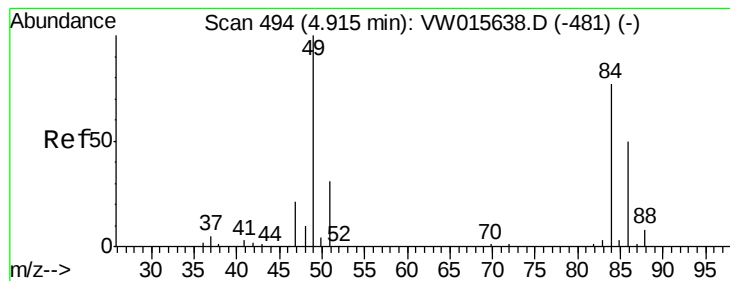
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
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Response via : Initial Calibration





#16

Methvlene chloride

Concen: 2.226 ug/L

RT: 4.92 min Scan# 495

Delta R.T. 0.01 min

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Instrument :

MSVOA_W

ClientSampleId :

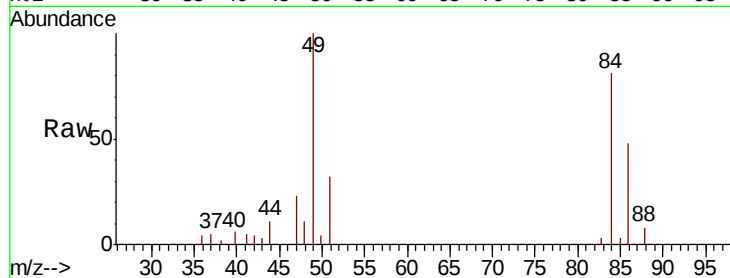
Tot Ion: 84 Resp: 8166

Ion Ratio Lower Upper

84 100

49 123.0 93.0 172.8

86 59.1 44.7 83.1

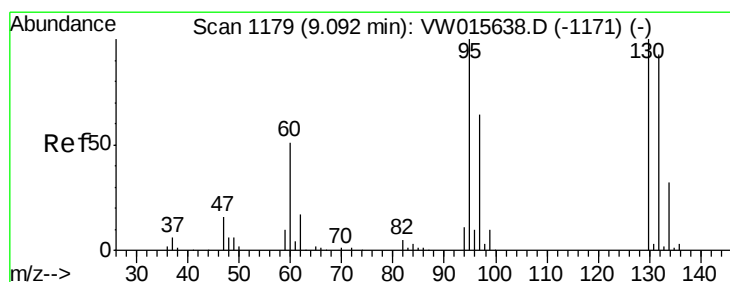
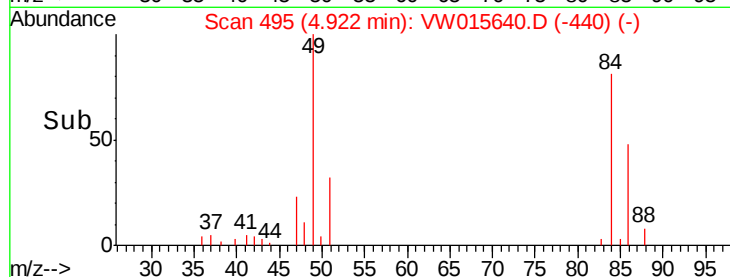
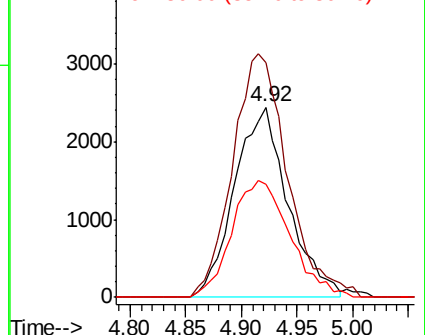


Abundance

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



#35

Trichloroethene

Concen: 2.284 ug/L

RT: 8.84 min Scan# 1138

Delta R.T. -0.25 min

Lab File: VW015640.D

Acq: 19 Jun 2020 15:57

Tgt Ion: 95 Resp: 9480

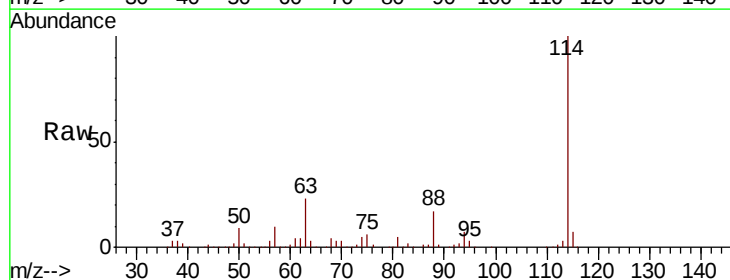
Ion Ratio Lower Upper

95 100

97 0.0 45.4 84.2#

132 0.5 67.1 124.7#

130 0.2 69.4 128.8#



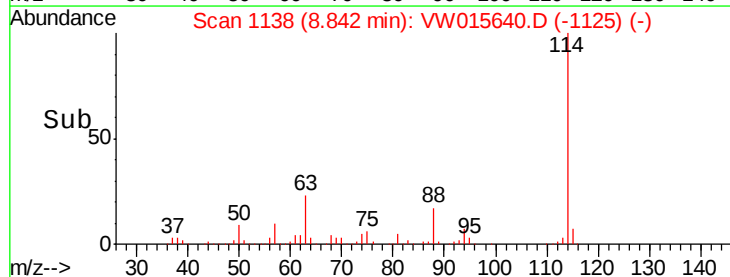
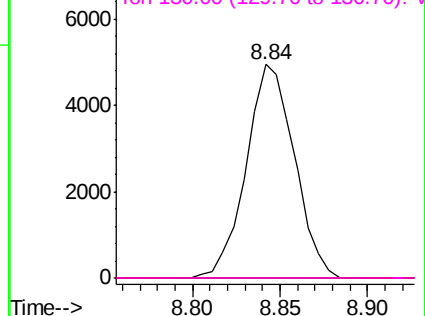
Abundance

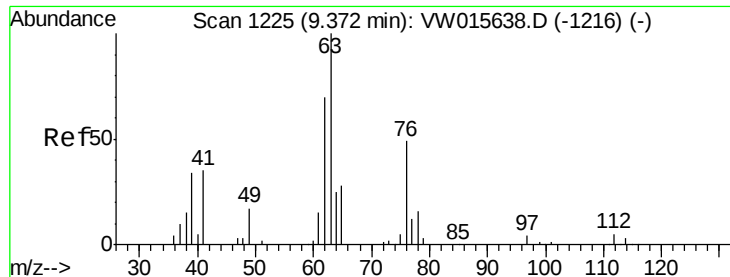
Ion 95.00 (94.70 to 95.70): VW

Ion 97.00 (96.70 to 97.70): VW

Ion 132.00 (131.70 to 132.70): V

Ion 130.00 (129.70 to 130.70): V

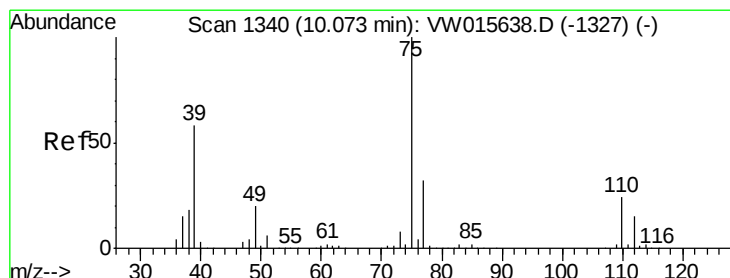
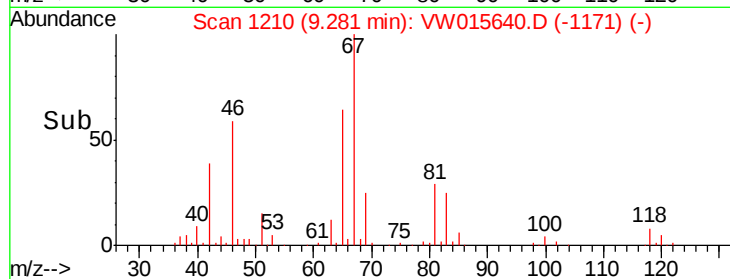
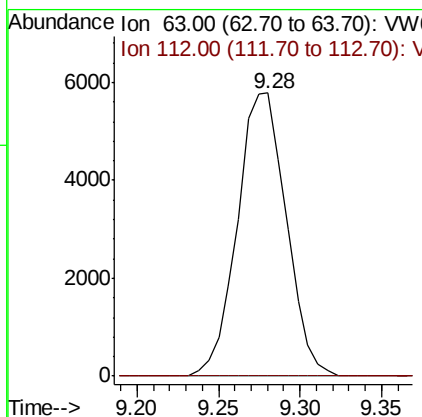
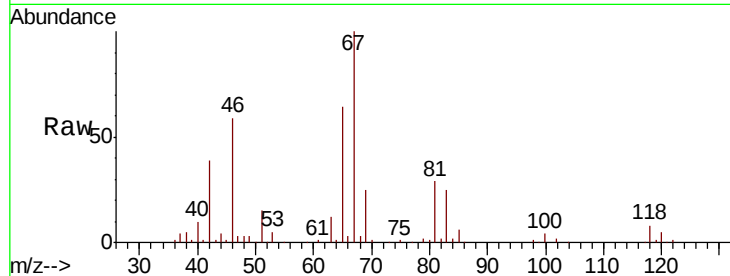




#40
 1,2-Dichloropropane
 Concen: 3.176 ug/L
 RT: 9.28 min Scan# 1210
 Delta R.T. -0.09 min
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Tot Ion: 63 Resp: 12086
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.8 5.8#



#42
 cis-1,3-Dichloropropene
 Concen: 0.474 ug/L
 RT: 10.04 min Scan# 1335
 Delta R.T. -0.03 min
 Lab File: VW015640.D
 Acq: 19 Jun 2020 15:57

Tgt Ion: 75 Resp: 2884
 Ion Ratio Lower Upper
 75 100
 77 50.4 22.3 41.5#

