

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW052620\
 Data File : VW015488.D
 Acq On : 26 May 2020 21:56
 Operator : SY/VA
 Sample : VIBLK
 Misc : 5.00G/10.0mL/MSVOA W/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: May 27 01:09:06 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM052620S.M
 Quant Title : VOC Analysis
 QLast Update : Wed May 27 01:05:50 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	346947	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	324797	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	150972	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	94508	29.72	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	118.88%
7) Chloroethane-d5	2.89	69	91872	29.06	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	116.24%
10) 1,1-Dichloroethene-d2	4.01	63	146826	18.95	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	75.80%
20) 2-Butanone-d5	7.08	46	67238	64.77	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	129.54%
24) Chloroform-d	7.65	84	219150	27.31	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	109.24%
26) 1,2-Dichloroethane-d4	8.31	65	133414	29.89	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	119.56%
29) Benzene-d6	8.27	84	441797	27.74	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	110.96%
33) 1,2-Dichloropropane-d6	9.27	67	135414	27.97	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	111.88%
37) Toluene-d8	10.32	98	415296	26.82	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	107.28%
38) trans-1,3-Dichloropropene-	10.58	79	58700	26.21	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	104.84%
39) 2-Hexanone-d5	10.93	63	56019	66.85	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	133.70%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	107368	29.46	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	117.84%
61) 1,2-Dichlorobenzene-d4	13.85	152	140223	27.72	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	110.88%

Target Compounds

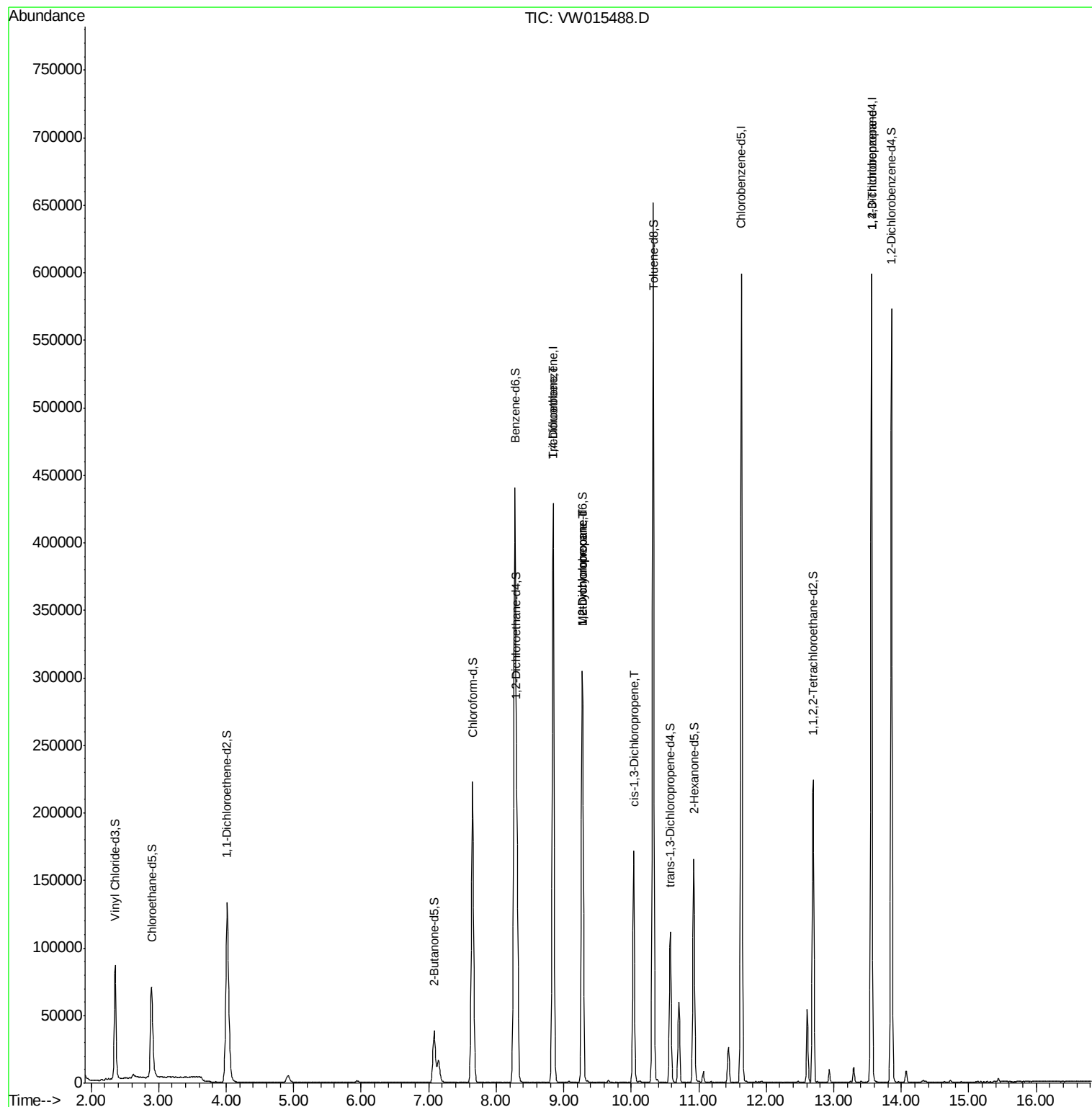
				Ovalue	
35) Trichloroethene	8.85	95	10839	2.222 ug/L #	5
36) Methylcyclohexane	9.27	83	33342	3.832 ug/L #	19
40) 1,2-Dichloropropane	9.27	63	16593	3.710 ug/L #	85
42) cis-1,3-Dichloropropene	10.04	75	4437	0.620 ug/L #	52
59) 1,2,3-Trichloropropane	13.55	75	19698	7.171 ug/L	91

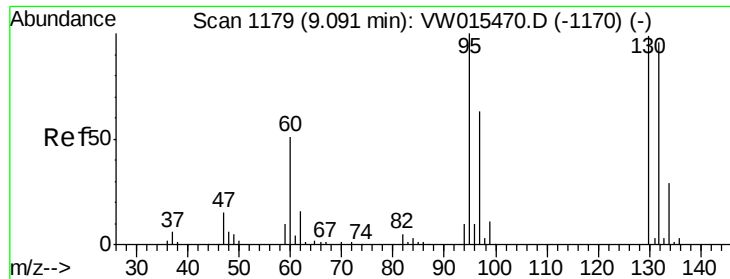
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Wed May 27 01:05:50 2020
Response via : Initial Calibration





#35

Trichloroethene

Concen: 2.222 ug/L

RT: 8.85 min Scan# 1139

Delta R.T. -0.24 min

Lab File: VW015488.D

Acq: 26 May 2020 21:56

Instrument :

MSVOA_W

ClientSampleId :

Tot Ion: 95 Resp: 10839

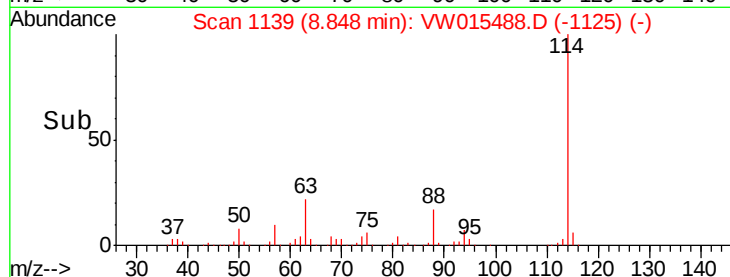
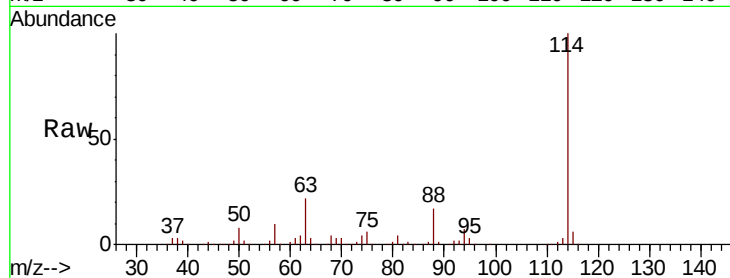
Ion Ratio Lower Upper

95 100

97 0.0 45.4 84.2#

132 0.0 67.1 124.7#

130 0.0 69.4 128.8#

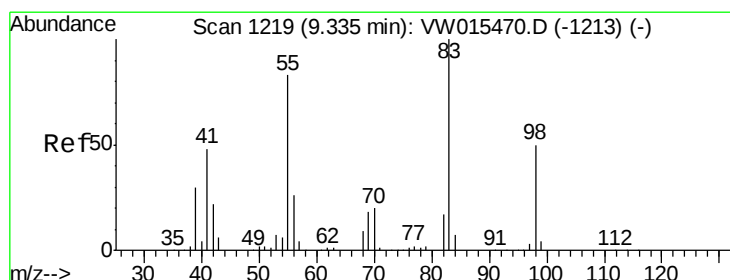
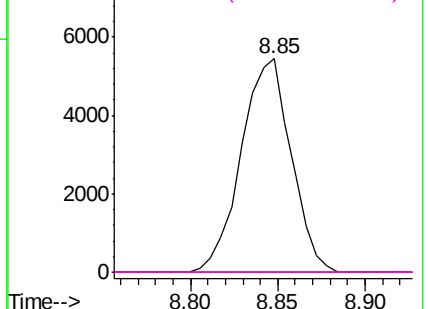


Abundance Ion 95.00 (94.70 to 95.70): VW

Ion 97.00 (96.70 to 97.70): VW

Ion 132.00 (131.70 to 132.70): VW

Ion 130.00 (129.70 to 130.70): VW



#36

Methylcyclohexane

Concen: 3.832 ug/L

RT: 9.27 min Scan# 1209

Delta R.T. -0.06 min

Lab File: VW015488.D

Acq: 26 May 2020 21:56

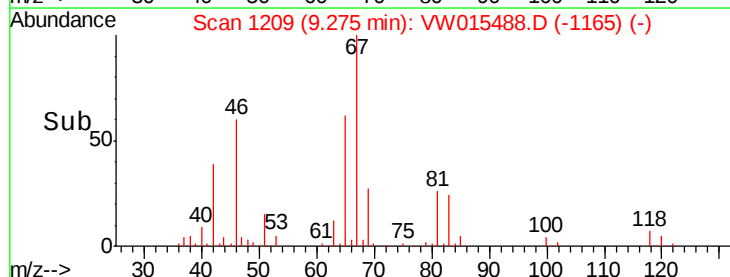
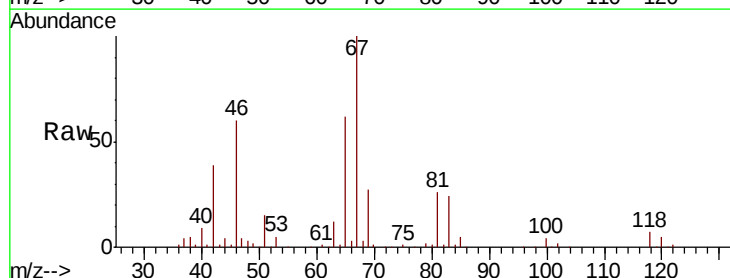
Tgt Ion: 83 Resp: 33342

Ion Ratio Lower Upper

83 100

55 0.8 62.8 94.2#

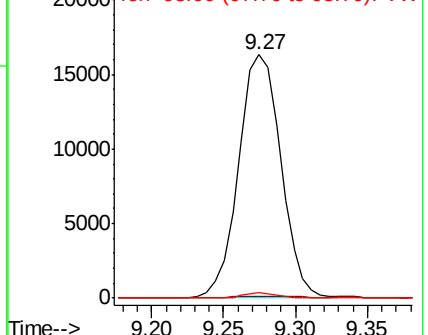
98 1.7 39.2 58.8#

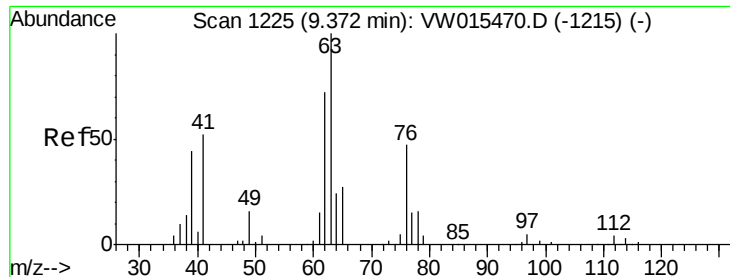


Abundance Ion 83.00 (82.70 to 83.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 98.00 (97.70 to 98.70): VW

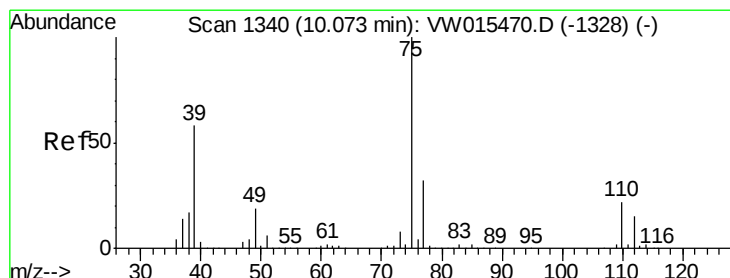
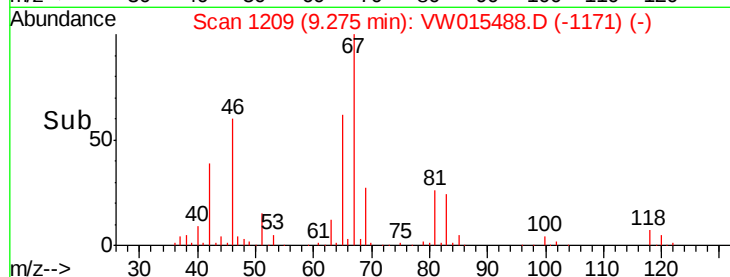
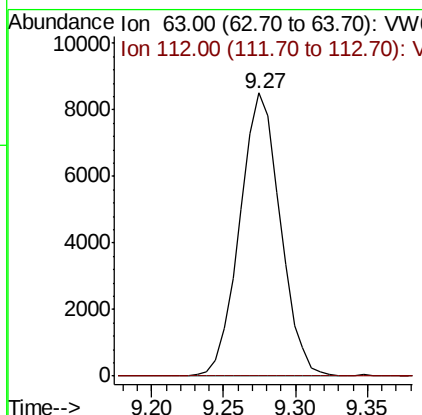
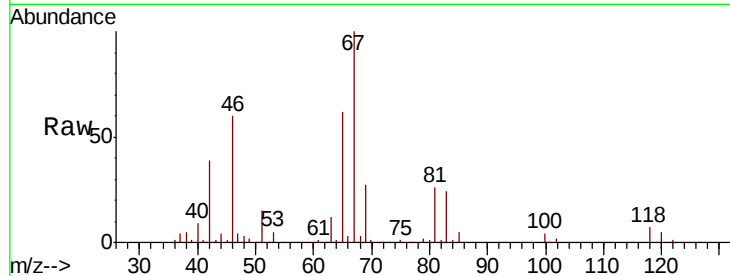




#40
 1,2-Dichloropropane
 Concen: 3.710 ug/L
 RT: 9.27 min Scan# 1209
 Delta R.T. -0.10 min
 Lab File: VW015488.D
 Acq: 26 May 2020 21:56

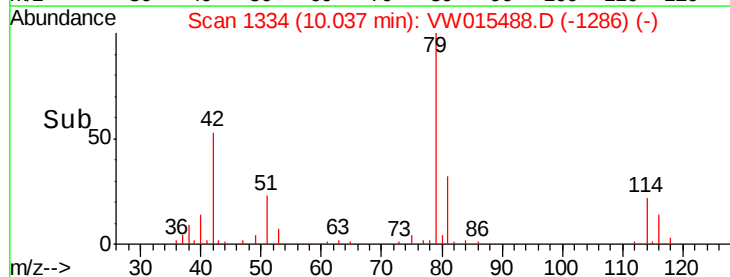
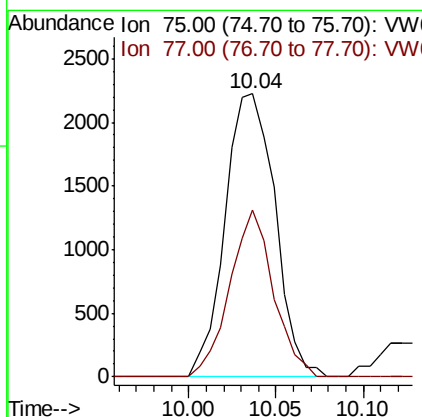
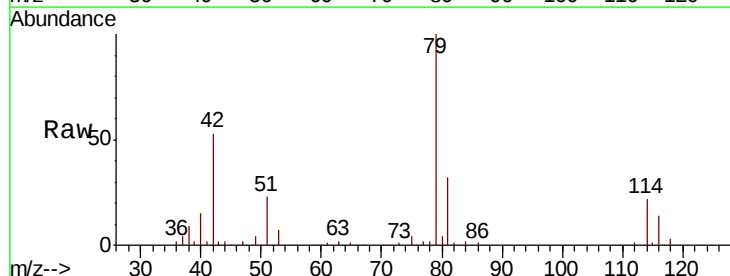
Instrument :
 MSVOA_W
 ClientSampled :

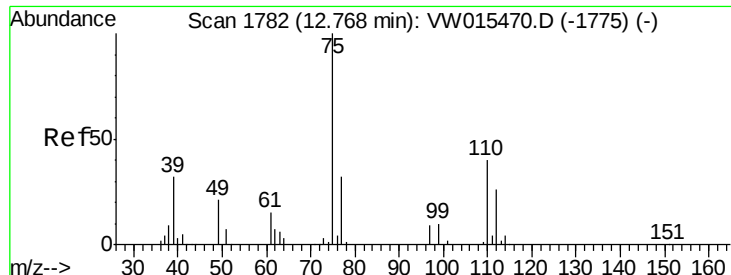
Tot Ion: 63 Resp: 16593
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.8 5.8#



#42
 cis-1,3-Dichloropropene
 Concen: 0.620 ug/L
 RT: 10.04 min Scan# 1334
 Delta R.T. -0.04 min
 Lab File: VW015488.D
 Acq: 26 May 2020 21:56

Tgt Ion: 75 Resp: 4437
 Ion Ratio Lower Upper
 75 100
 77 58.8 22.3 41.5#





#59

1,2,3-Trichloropropane

Concen: 7.171 ug/L

RT: 13.55 min Scan# 1911

Delta R.T. 0.79 min

Lab File: VW015488.D

Acq: 26 May 2020 21:56

Instrument :

MSVOA_W

ClientSampleId :

Tot Ion: 75 Resp: 19698

Ion Ratio Lower Upper

75 100

77 37.7 25.9 38.9

