

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW052720\
 Data File : VW015509.D
 Acq On : 27 May 2020 17:08
 Operator : SY/VA
 Sample : VIBLK
 Misc : 5.00G/10.0mL/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VIBLK

Quant Time: May 28 01:53:10 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM052620S.M
 Quant Title : VOC Analysis
 QLast Update : Thu May 28 01:49:49 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	343812	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	316773	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	153002	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	66153	21.00	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	84.00%
7) Chloroethane-d5	2.89	69	68783	21.95	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	87.80%
10) 1,1-Dichloroethene-d2	4.01	63	107878	14.05	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	56.20%
20) 2-Butanone-d5	7.08	46	67201	65.33	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	130.66%
24) Chloroform-d	7.65	84	180161	22.66	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	90.64%
26) 1,2-Dichloroethane-d4	8.31	65	113646	25.69	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	102.76%
29) Benzene-d6	8.27	84	346245	22.29	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	89.16%
33) 1,2-Dichloropropane-d6	9.27	67	111048	23.52	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	94.08%
37) Toluene-d8	10.32	98	324818	21.51	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	86.04%
38) trans-1,3-Dichloropropene-	10.58	79	47688	21.84	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	87.36%
39) 2-Hexanone-d5	10.93	63	52654	64.42	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	128.84%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	101114	28.44	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	113.76%
61) 1,2-Dichlorobenzene-d4	13.85	152	120414	23.48	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	93.92%

Target Compounds

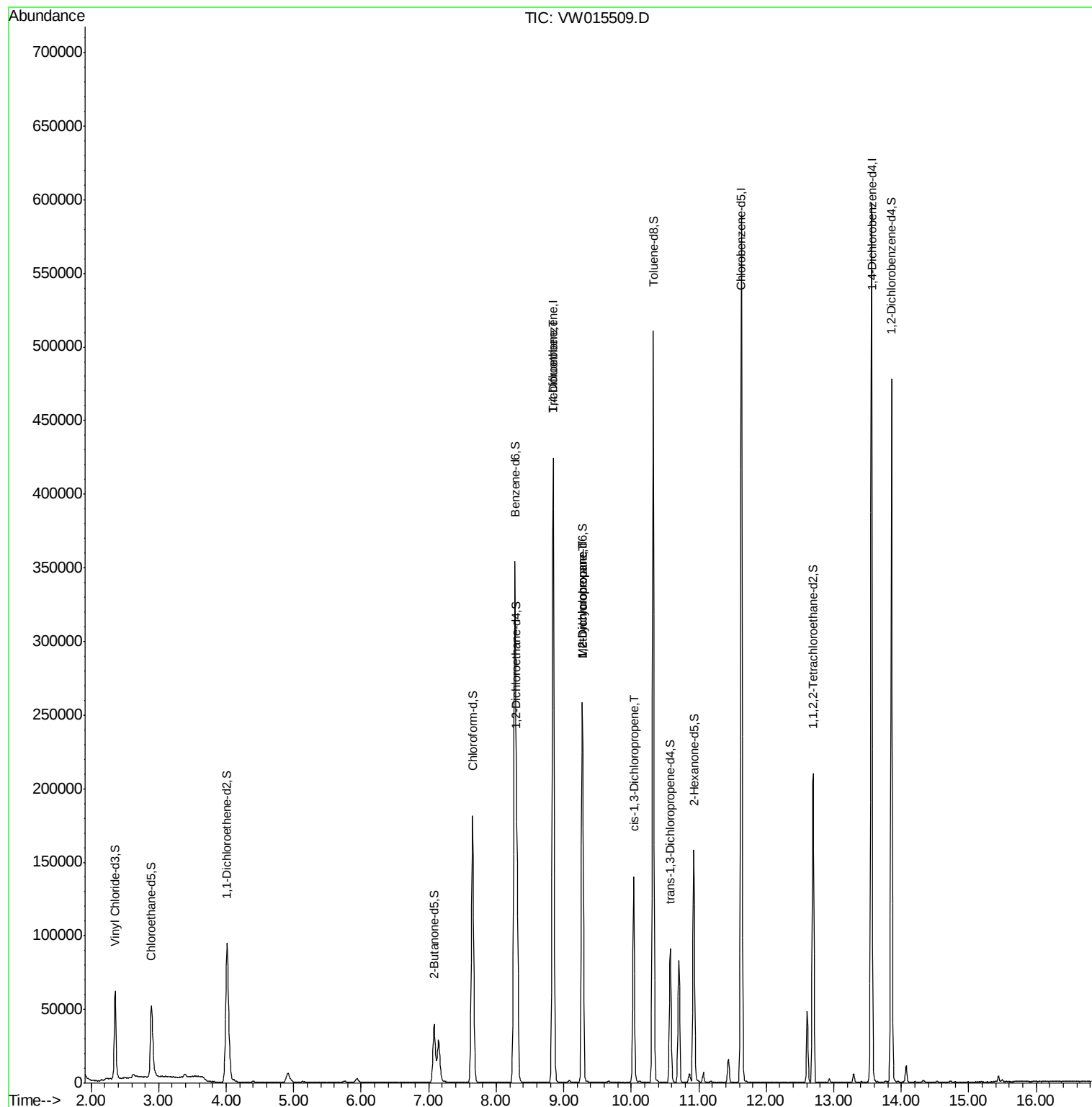
					Ovalue
35) Trichloroethene	8.84	95	10831	2.276 ug/L #	5
36) Methylcyclohexane	9.27	83	27214	3.207 ug/L #	18
40) 1,2-Dichloropropane	9.27	63	13666	3.133 ug/L #	85
42) cis-1,3-Dichloropropene	10.04	75	3657	0.524 ug/L #	66

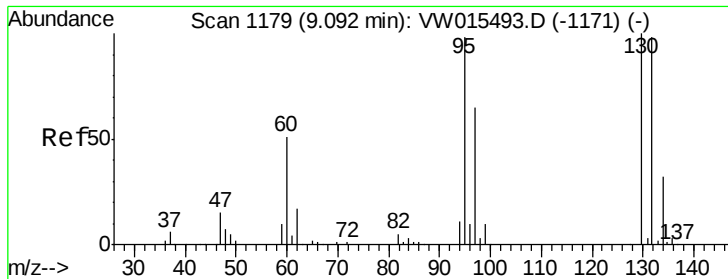
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#35

Trichloroethene

Concen: 2.276 ug/L

RT: 8.84 min Scan# 1138

Delta R.T. -0.25 min

Lab File: VW015509.D

Acq: 27 May 2020 17:08

Instrument :

MSVOA_W

ClientSampleId :

VIBLK

Tot Ion: 95 Resp: 10831

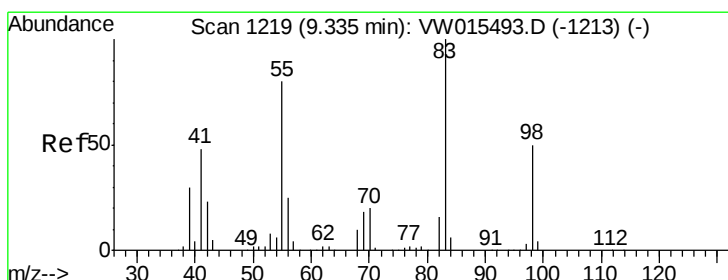
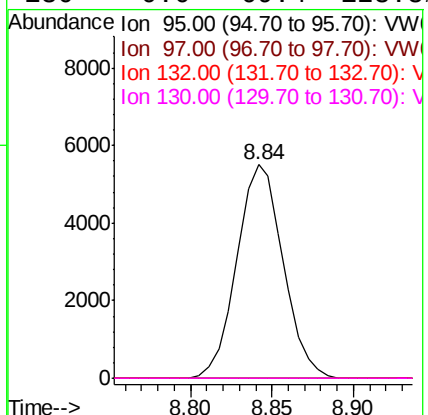
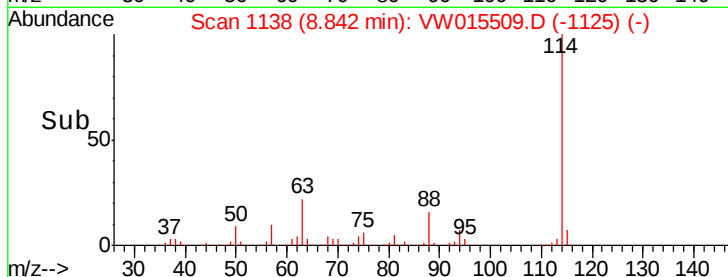
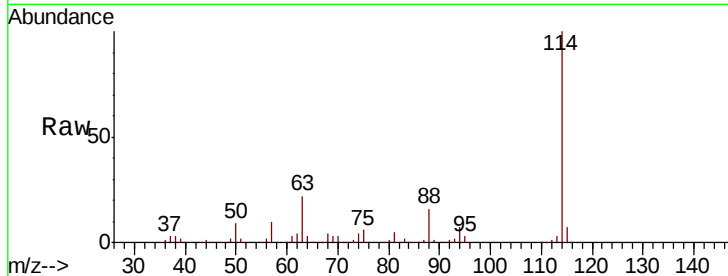
Ion Ratio Lower Upper

95 100

97 0.0 45.4 84.2#

132 0.0 67.1 124.7#

130 0.0 69.4 128.8#



#36

Methylcyclohexane

Concen: 3.207 ug/L

RT: 9.27 min Scan# 1209

Delta R.T. -0.06 min

Lab File: VW015509.D

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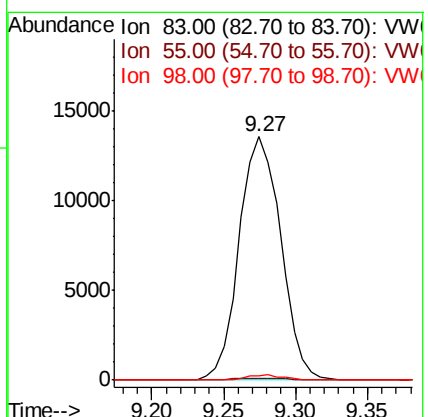
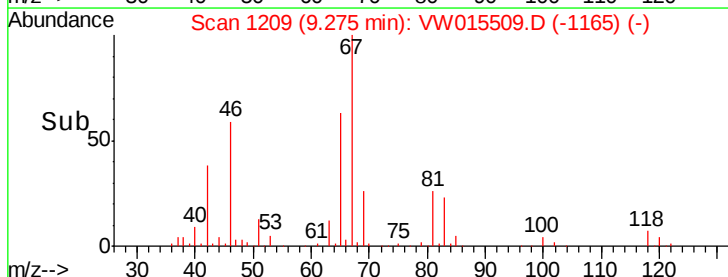
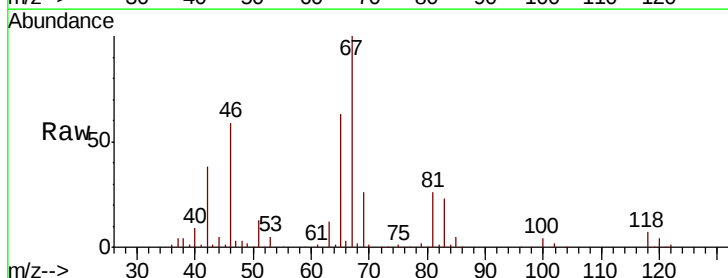
Tgt Ion: 83 Resp: 27214

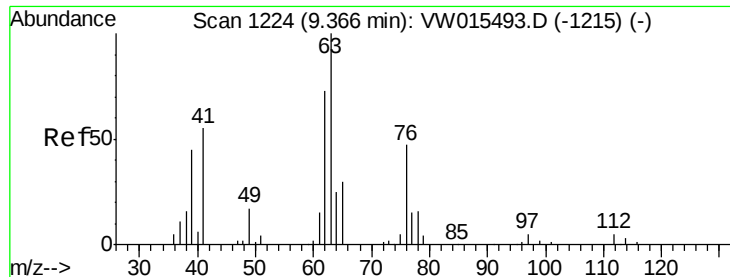
Ion Ratio Lower Upper

83 100

55 0.6 62.8 94.2#

98 1.8 39.2 58.8#





#40

1,2-Dichloropropane

Concen: 3.133 ug/L

RT: 9.27 min Scan# 1209

Delta R.T. -0.09 min

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Acq: 27 May 2020 17:08

Instrument :

MSVOA_W

ClientSampled :

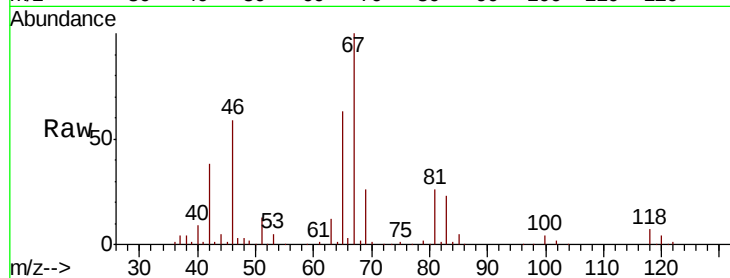
VIBLK

Tot Ion: 63 Resp: 13666

Ion Ratio Lower Upper

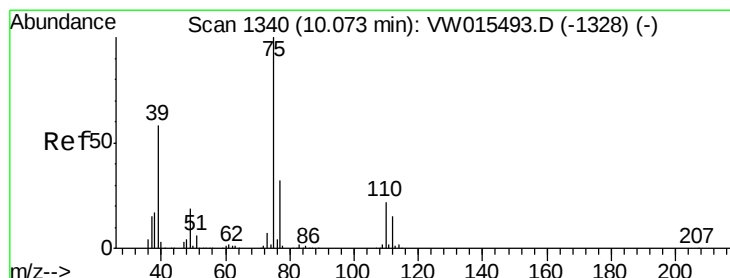
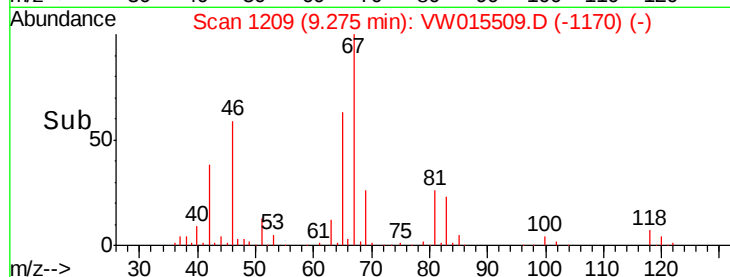
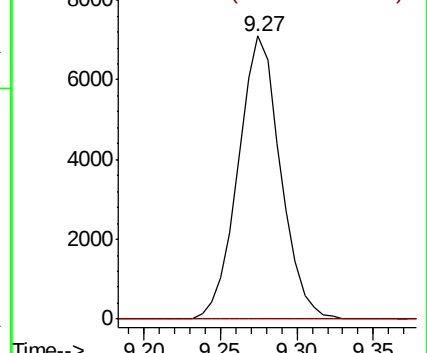
63 100

112 0.0 3.8 5.8#



Abundance Ion 63.00 (62.70 to 63.70): VW

Ion 112.00 (111.70 to 112.70): VW



#42

cis-1,3-Dichloropropene

Concen: 0.524 ug/L

RT: 10.04 min Scan# 1334

Delta R.T. -0.04 min

Lab File: VW015509.D

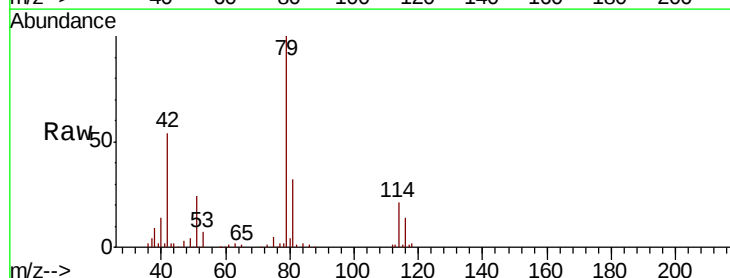
Acq: 27 May 2020 17:08

Tgt Ion: 75 Resp: 3657

Ion Ratio Lower Upper

75 100

77 50.9 22.3 41.5#



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW

