

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW061220\
 Data File : VW015597.D
 Acq On : 12 Jun 2020 11:02
 Operator : SY/VA
 Sample : VW0612SBL01
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VBLK05

Quant Time: Jun 13 01:33:14 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM052620S.M
 Quant Title : VOC Analysis
 QLast Update : Sat Jun 13 00:17:50 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	316937	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	284640	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	133377	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	65145	22.43	ug/L	-0.01
Spiked Amount	25.000	Range	30 - 150	Recovery	=	89.72%
7) Chloroethane-d5	2.89	69	73737	25.53	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	102.12%
10) 1,1-Dichloroethene-d2	4.01	63	112937	15.96	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	63.84%
20) 2-Butanone-d5	7.09	46	43406	45.77	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	91.54%
24) Chloroform-d	7.65	84	177005	24.15	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	96.60%
26) 1,2-Dichloroethane-d4	8.31	65	101223	24.82	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	99.28%
29) Benzene-d6	8.27	84	342507	24.54	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	98.16%
33) 1,2-Dichloropropane-d6	9.27	67	104917	24.73	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	98.92%
37) Toluene-d8	10.33	98	320457	23.61	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	94.44%
38) trans-1,3-Dichloropropene-	10.58	79	39816	20.29	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	81.16%
39) 2-Hexanone-d5	10.93	63	34693	47.24	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	94.48%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	76724	24.02	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	96.08%
61) 1,2-Dichlorobenzene-d4	13.85	152	108144	24.19	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	96.76%

Target Compounds

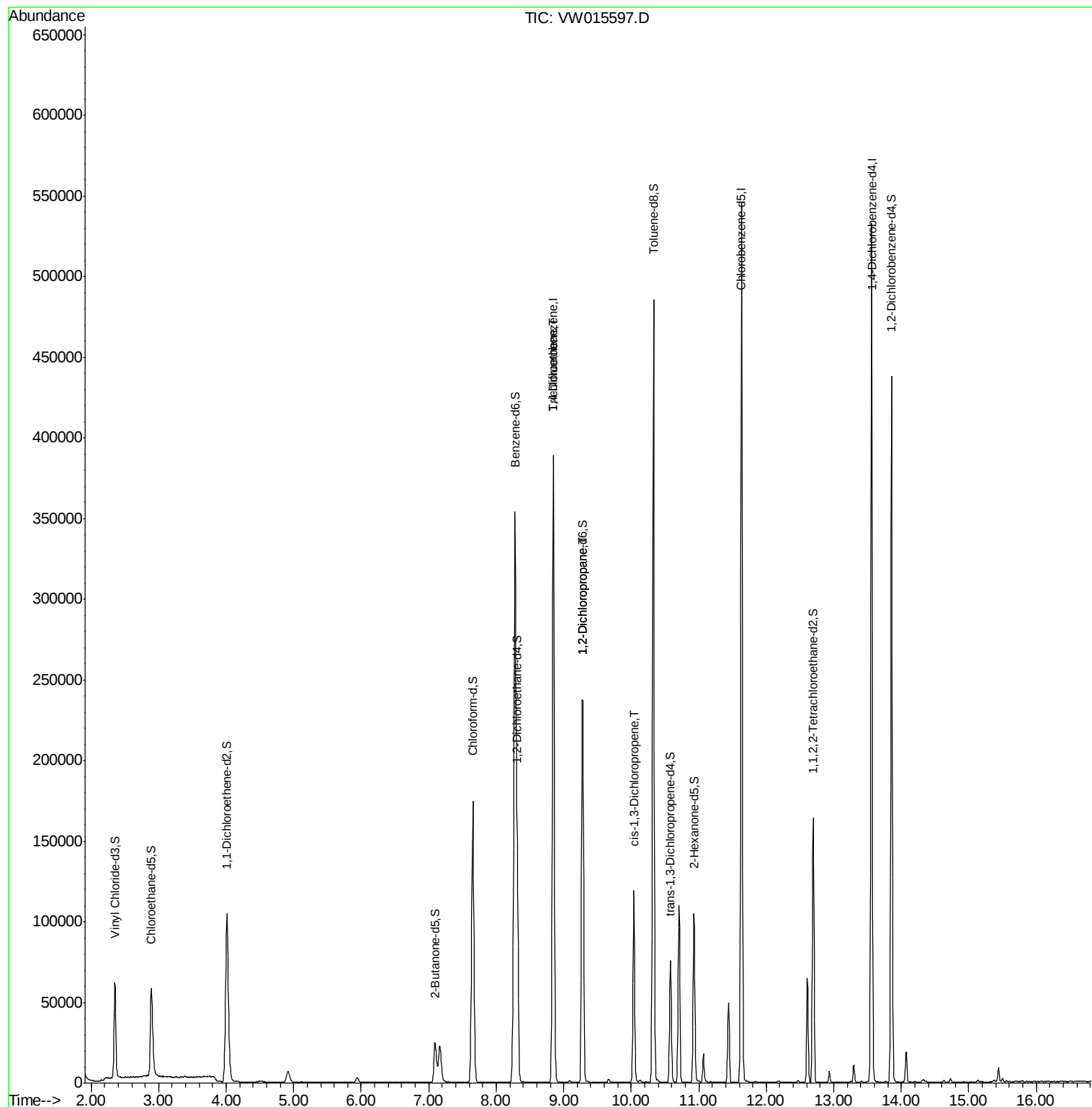
					Ovalue
35) Trichloroethene	8.85	95	9911	2.318 ug/L #	5
40) 1,2-Dichloropropane	9.27	63	12822	3.271 ug/L #	85
42) cis-1,3-Dichloropropene	10.04	75	3330	0.531 ug/L #	69

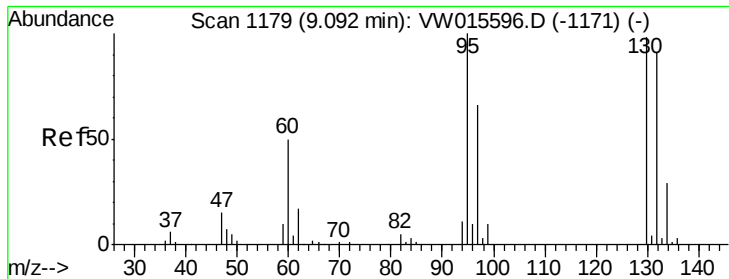
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#35

Trichloroethene

Concen: 2.318 ug/L

RT: 8.85 min Scan# 1139

Delta R.T. -0.24 min

Lab File: VW015597.D

Acq: 12 Jun 2020 11:02

Instrument :

MSVOA_W

ClientSampleId :

VBLK05

Tot Ion: 95 Resp: 9911

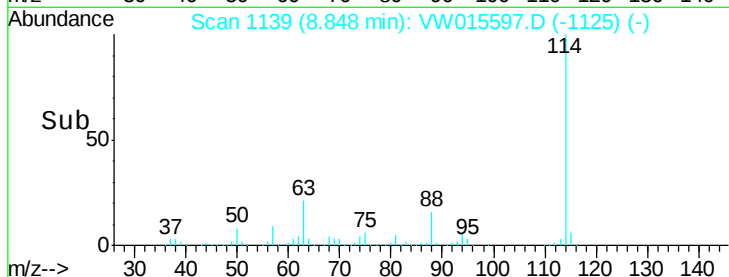
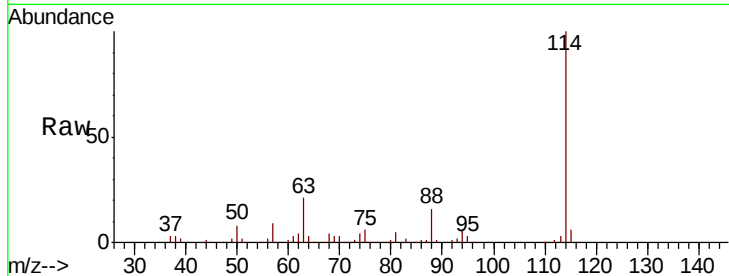
Ion Ratio Lower Upper

95 100

97 0.0 45.4 84.2#

132 0.0 67.1 124.7#

130 0.0 69.4 128.8#

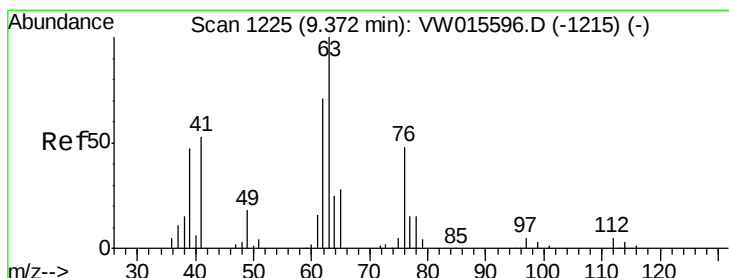
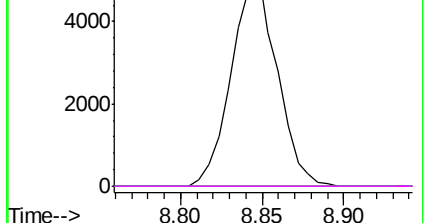


Abundance Ion 95.00 (94.70 to 95.70): VW

Ion 97.00 (96.70 to 97.70): VW

Ion 132.00 (131.70 to 132.70): V

Ion 130.00 (129.70 to 130.70): V



#40

1,2-Dichloropropane

Concen: 3.271 ug/L

RT: 9.27 min Scan# 1209

Delta R.T. -0.10 min

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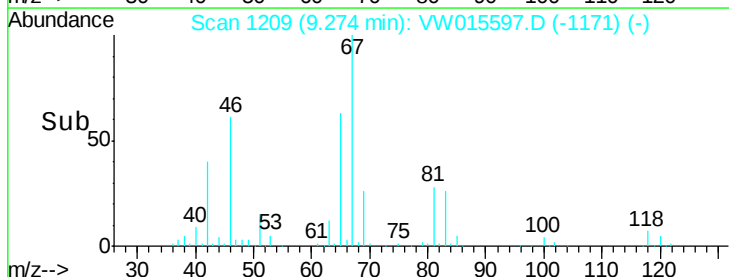
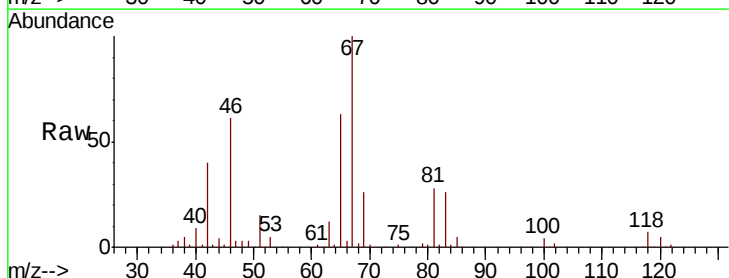
Acq: 12 Jun 2020 11:02

Tgt Ion: 63 Resp: 12822

Ion Ratio Lower Upper

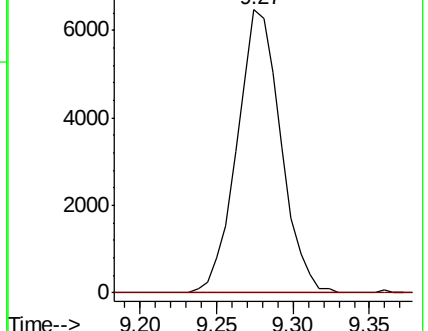
63 100

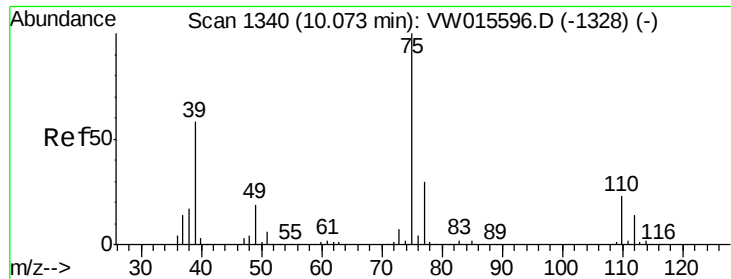
112 0.0 3.8 5.8#



Abundance Ion 63.00 (62.70 to 63.70): VW

Ion 112.00 (111.70 to 112.70): V





#42

cis-1,3-Dichloropropene

Concen: 0.531 ug/L

RT: 10.04 min Scan# 1334

Delta R.T. -0.04 min

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MSVOA_W

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VBLK05

Tot Ion: 75 Resp: 3330

Ion Ratio Lower Upper

75 100

77 48.9 22.3 41.5#

