

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW060820\
 Data File : VW015554.D
 Acq On : 08 Jun 2020 13:40
 Operator : SY/VA
 Sample : L2754-21
 Misc : 5.06G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jun 09 02:04:25 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM052620S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Jun 09 02:02:35 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	340177	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	309111	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	139863	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	75759	24.30	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	97.20%
7) Chloroethane-d5	2.90	69	78558	25.34	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	101.36%
10) 1,1-Dichloroethene-d2	4.01	63	126818	16.70	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	66.80%
20) 2-Butanone-d5	7.09	46	45145	44.36	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	88.72%
24) Chloroform-d	7.65	84	181267	23.04	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	92.16%
26) 1,2-Dichloroethane-d4	8.31	65	103352	23.62	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	94.48%
29) Benzene-d6	8.28	84	362558	23.92	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	95.68%
33) 1,2-Dichloropropane-d6	9.27	67	108802	23.62	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	94.48%
37) Toluene-d8	10.32	98	345237	23.42	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	93.68%
38) trans-1,3-Dichloropropene-	10.58	79	43592	20.45	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	81.80%
39) 2-Hexanone-d5	10.93	63	36312	45.53	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	91.06%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	77123	22.23	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	88.92%
61) 1,2-Dichlorobenzene-d4	13.85	152	114177	24.36	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	97.44%

Target Compounds

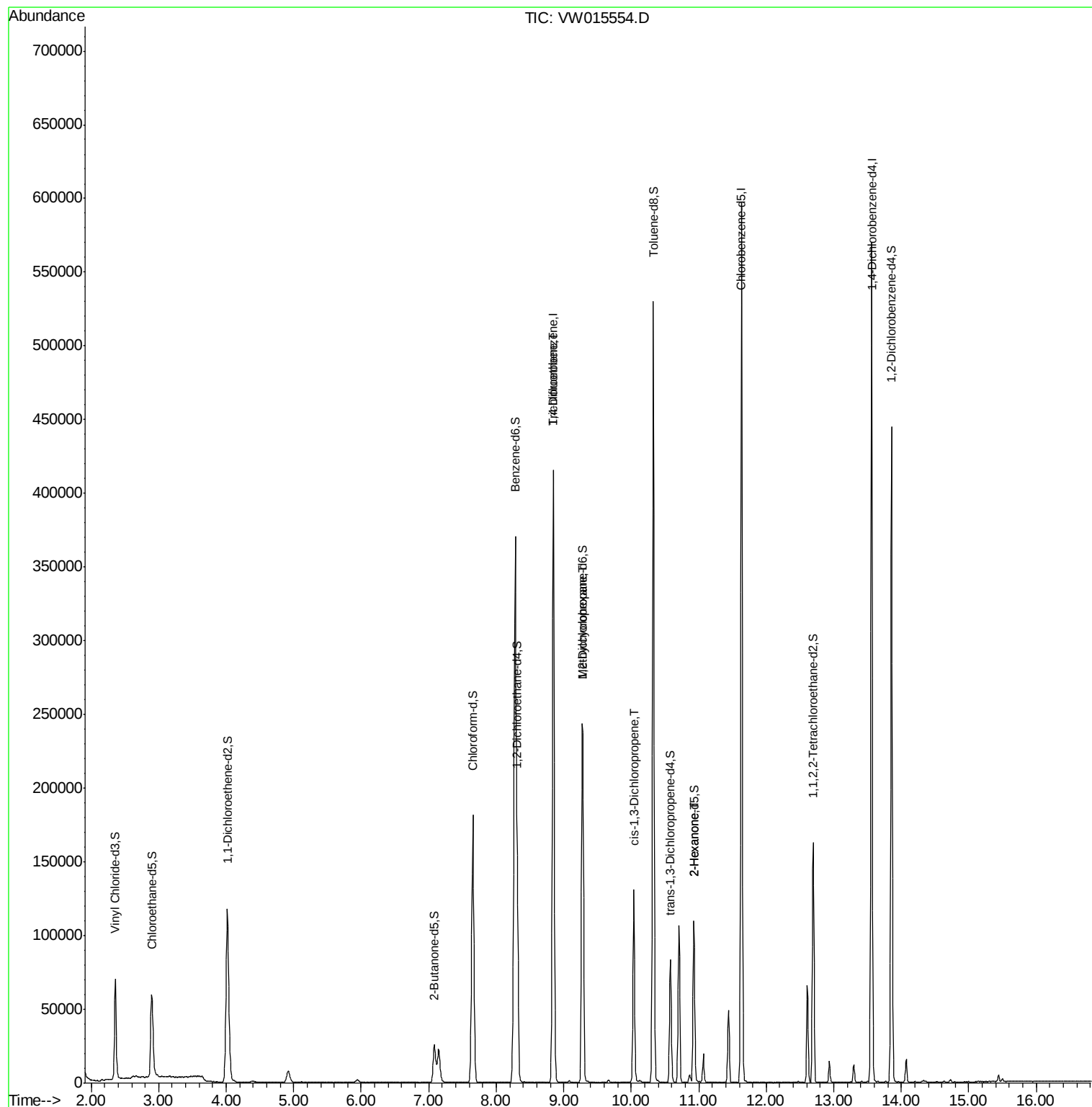
					Ovalue
35) Trichloroethene	8.85	95	10595	2.282 ug/L #	5
36) Methylcyclohexane	9.27	83	26917	3.250 ug/L #	18
42) cis-1,3-Dichloropropene	10.04	75	3564	0.523 ug/L #	73
49) 2-Hexanone	10.93	43	4568	2.712 ug/L #	66

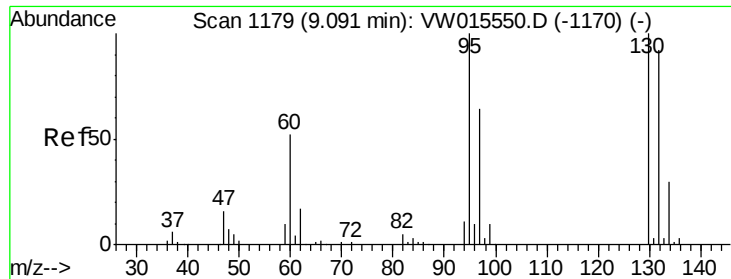
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#35

Trichloroethene

Concen: 2.282 ug/L

RT: 8.85 min Scan# 1139

Delta R.T. -0.24 min

Lab File: VW015554.D

Acq: 08 Jun 2020 13:40

Instrument :

MSVOA_W

ClientSampleId :

Tot Ion: 95 Resp: 10595

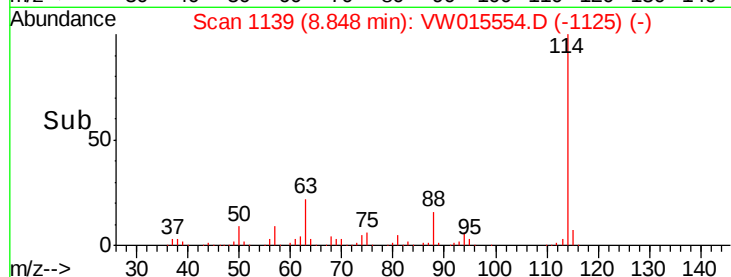
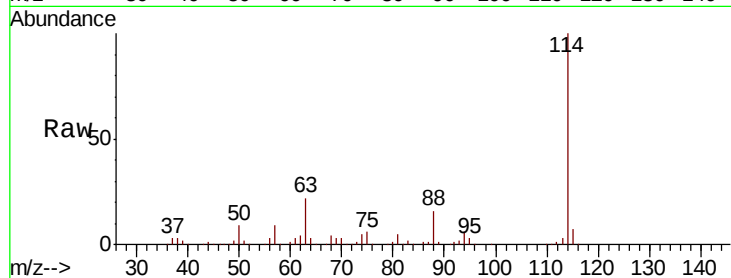
Ion Ratio Lower Upper

95 100

97 0.0 45.4 84.2#

132 0.0 67.1 124.7#

130 0.0 69.4 128.8#

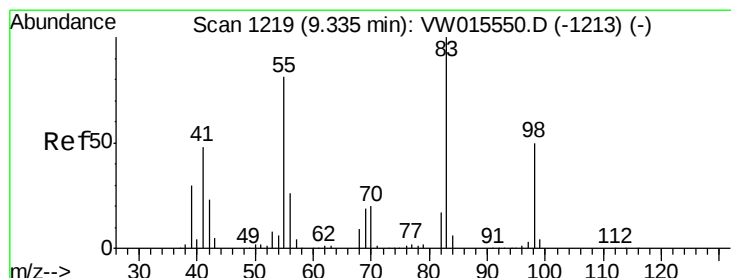
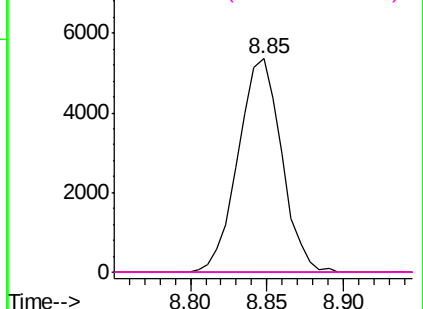


Abundance Ion 95.00 (94.70 to 95.70): VW

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



#36

Methylcyclohexane

Concen: 3.250 ug/L

RT: 9.27 min Scan# 1209

Delta R.T. -0.06 min

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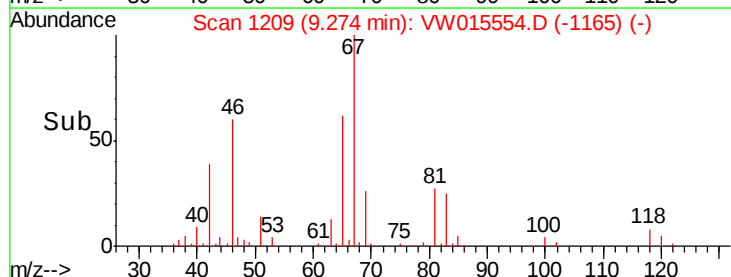
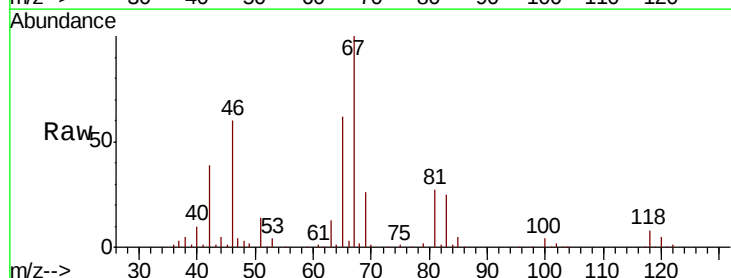
Tgt Ion: 83 Resp: 26917

Ion Ratio Lower Upper

83 100

55 0.2 62.8 94.2#

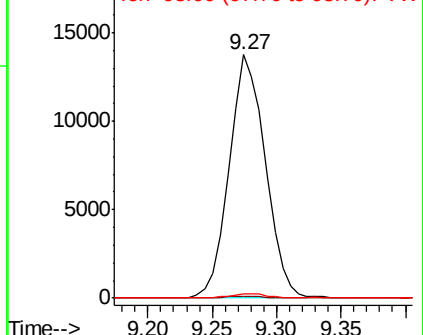
98 1.8 39.2 58.8#

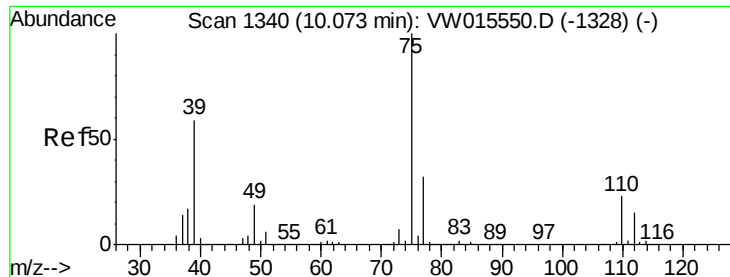


Abundance Ion 83.00 (82.70 to 83.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 98.00 (97.70 to 98.70): VW





#42

cis-1,3-Dichloropropene

Concen: 0.523 ug/L

RT: 10.04 min Scan# 1334

Delta R.T. -0.04 min

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Acq: 08 Jun 2020 13:40

Instrument :

MSVOA_W

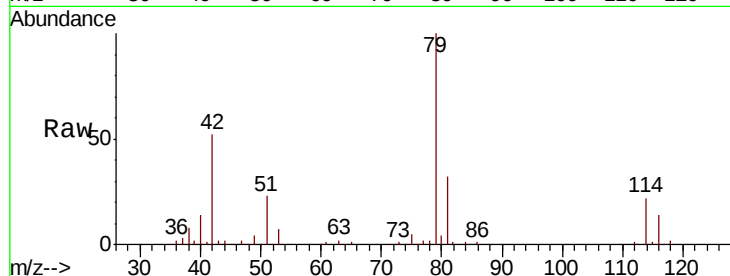
ClientSampleId :

Tot Ion: 75 Resp: 3564

Ion Ratio Lower Upper

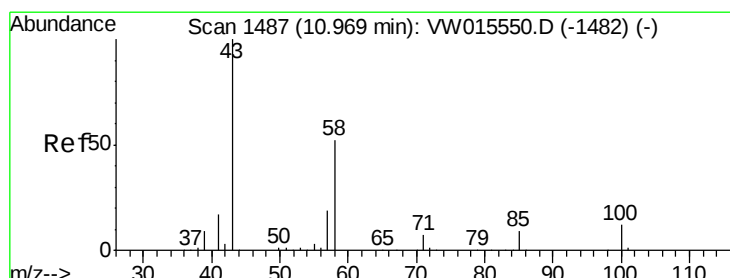
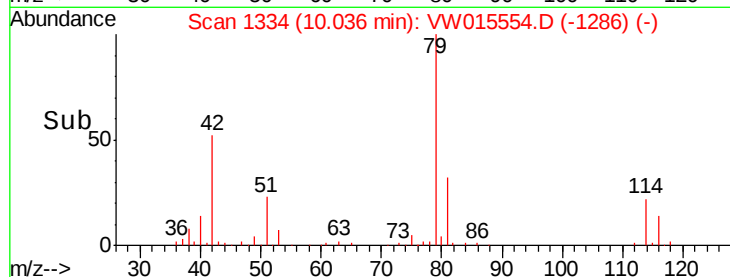
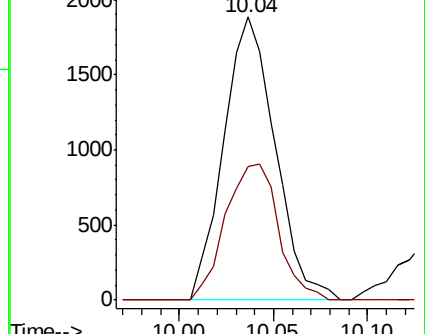
75 100

77 47.2 22.3 41.5#



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW



#49

2-Hexanone

Concen: 2.712 ug/L

RT: 10.93 min Scan# 1480

Delta R.T. -0.04 min

Lab File: VW015554.D

Acq: 08 Jun 2020 13:40

Tgt Ion: 43 Resp: 4568

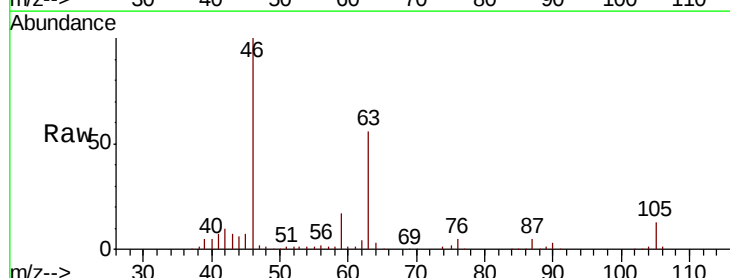
Ion Ratio Lower Upper

43 100

58 21.4 42.6 64.0#

57 21.0 15.5 23.3

100 0.0 10.3 15.5#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

Ion 57.00 (56.70 to 57.70): VW

Ion 100.00 (99.70 to 100.70): VW

