

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW072220\
 Data File : VW015909.D
 Acq On : 22 Jul 2020 17:32
 Operator : SY/VA
 Sample : L3388-15
 Misc : 4.22G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 C0AE2

Quant Time: Jul 23 03:06:14 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM072020S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Jul 23 03:03:27 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	395358	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	354443	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	143889	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	130117	23.32	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	93.28%
7) Chloroethane-d5	2.90	69	99349	21.93	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	87.72%
10) 1,1-Dichloroethene-d2	4.01	63	186897	16.57	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	66.28%
20) 2-Butanone-d5	7.09	46	84079	57.37	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	114.74%
24) Chloroform-d	7.65	84	225592	20.32	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	81.28%
26) 1,2-Dichloroethane-d4	8.31	65	134277	22.03	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	88.12%
29) Benzene-d6	8.28	84	460662	21.35	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	85.40%
33) 1,2-Dichloropropane-d6	9.28	67	138195	21.37	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	85.48%
37) Toluene-d8	10.33	98	400730	20.50	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	82.00%
38) trans-1,3-Dichloropropene-	10.58	79	56146	20.37	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	81.48%
39) 2-Hexanone-d5	10.93	63	60098	55.80	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	111.60%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	121483	24.44	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	97.76%
61) 1,2-Dichlorobenzene-d4	13.86	152	117969	21.03	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	84.12%

Target Compounds

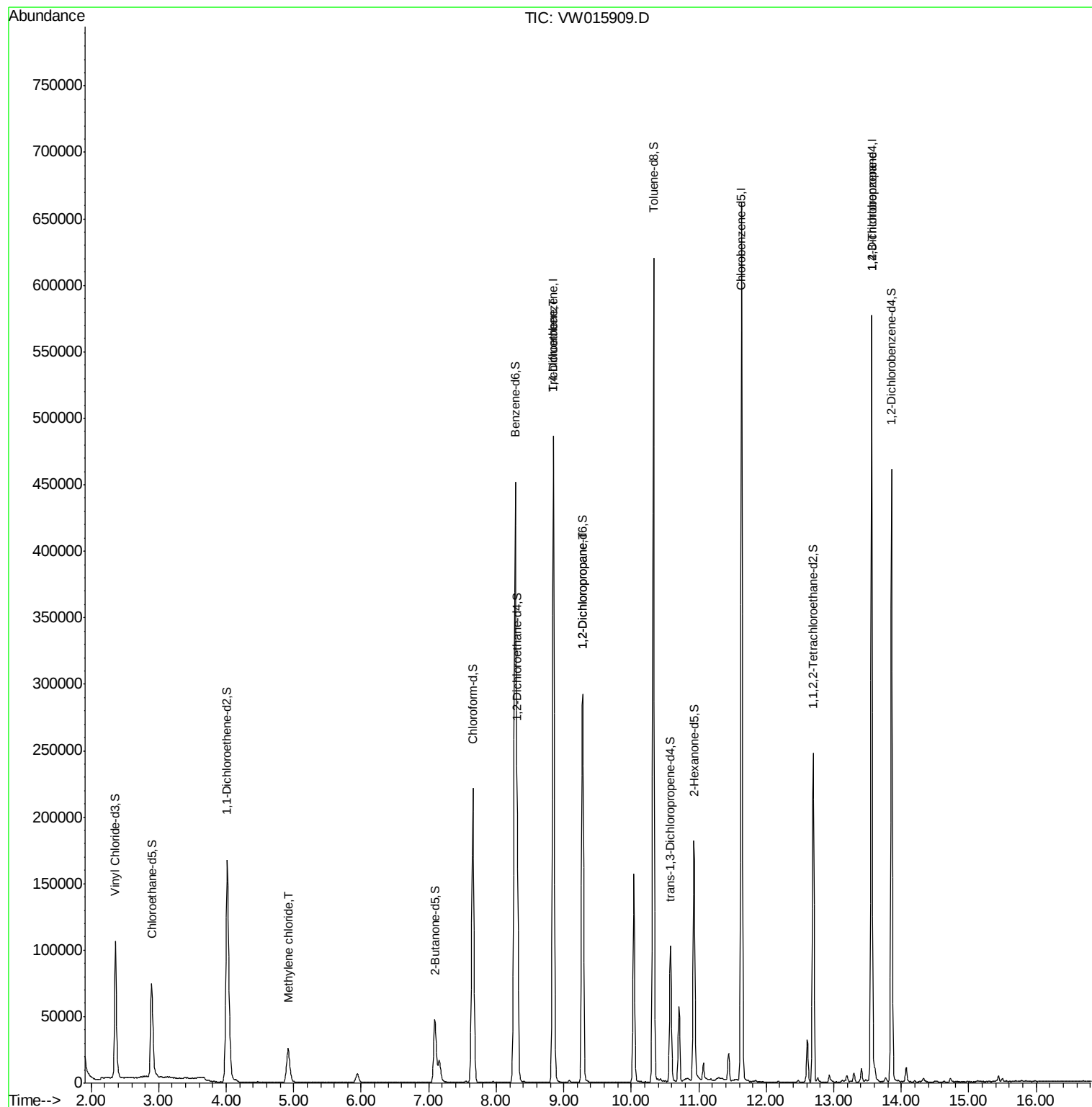
					Ovalue
16) Methylene chloride	4.92	84	20677	3.192 ug/L	96
35) Trichloroethene	8.84	95	11935	2.096 ug/L #	6
40) 1,2-Dichloropropane	9.28	63	15989	2.998 ug/L #	87
59) 1,2,3-Trichloropropane	13.56	75	17968	5.325 ug/L	90

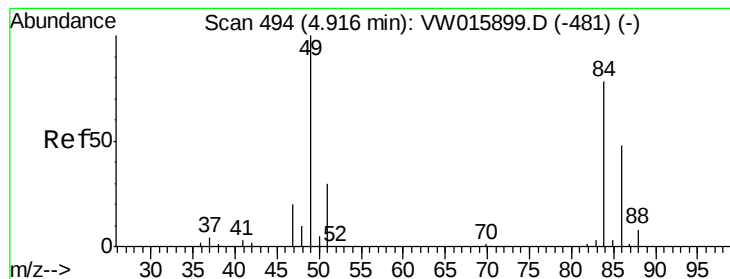
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Jul 23 03:03:27 2020
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#16

Methylene chloride

Concen: 3.192 ug/L

RT: 4.92 min Scan# 495

Delta R.T. 0.01 min

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C0AE2

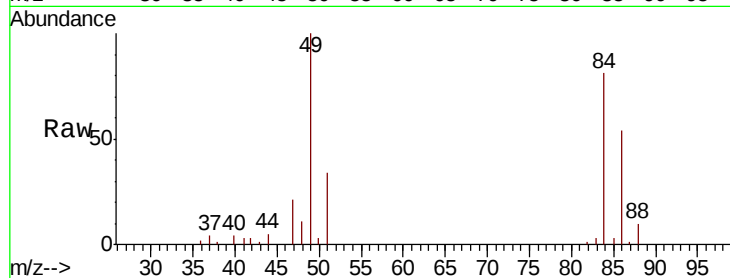
Tot Ion: 84 Resp: 20677

Ion Ratio Lower Upper

84 100

49 123.6 91.1 169.1

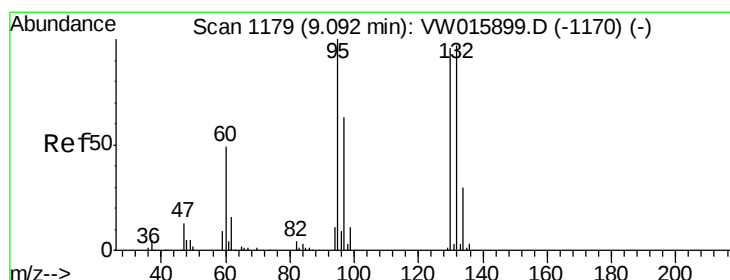
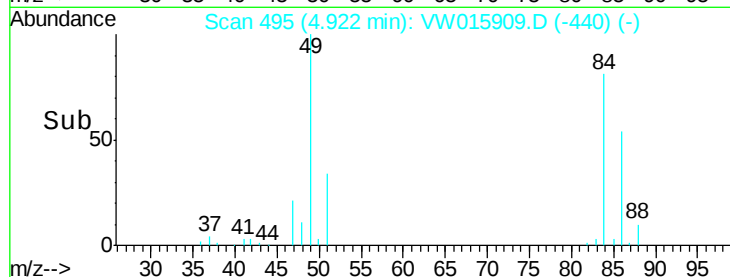
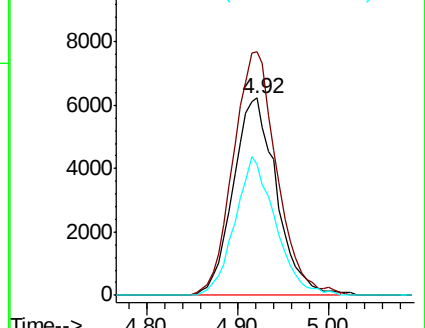
86 66.2 46.0 85.4



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: 2.096 ug/L

RT: 8.84 min Scan# 1138

Delta R.T. -0.25 min

Lab File: VW015909.D

Acq: 22 Jul 2020 17:32

Tgt Ion: 95 Resp: 11935

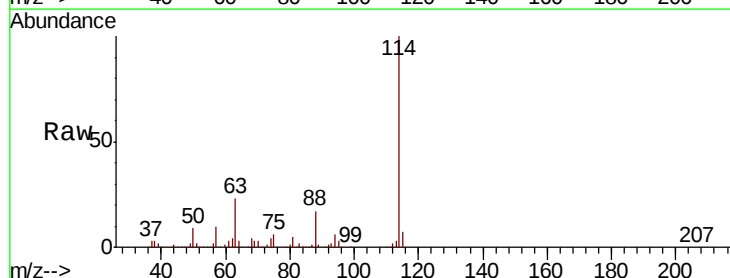
Ion Ratio Lower Upper

95 100

97 0.0 44.4 82.4#

132 0.0 65.1 120.9#

130 0.0 68.6 127.4#

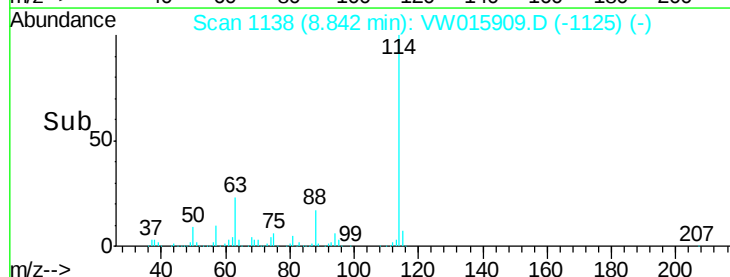
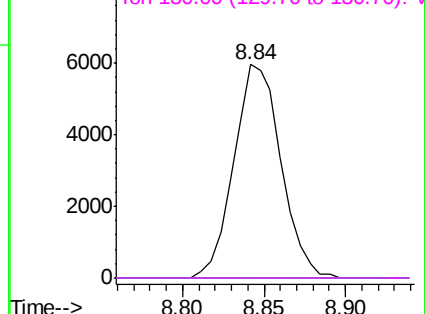


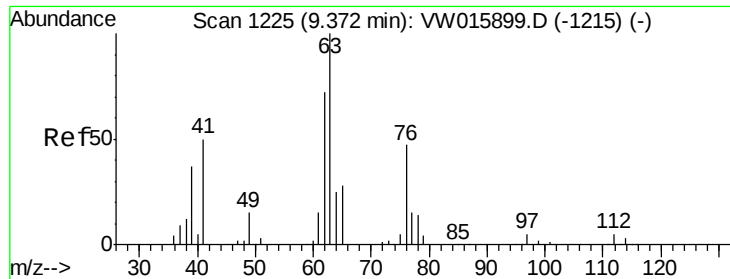
Abundance Ion 95.00 (94.70 to 95.70): VW

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





#40

1,2-Dichloropropane

Concen: 2.998 ug/L

RT: 9.28 min Scan# 1210

Delta R.T. -0.09 min

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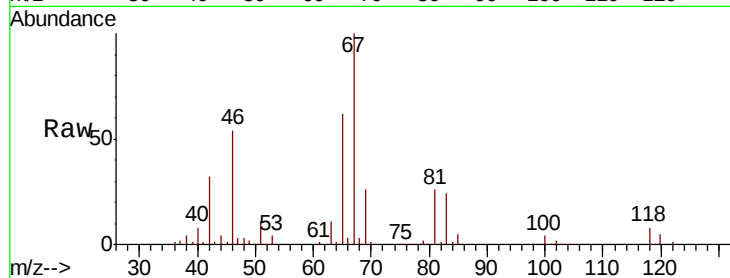
C0AE2

Tot Ion: 63 Resp: 15989

Ion Ratio Lower Upper

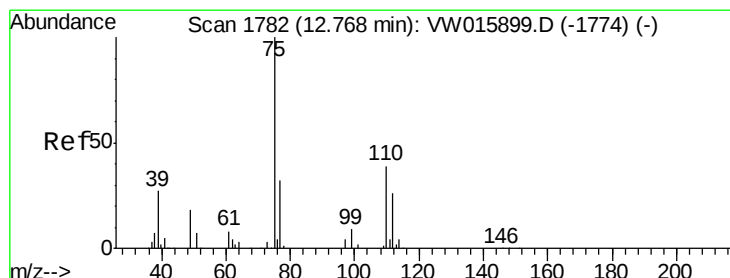
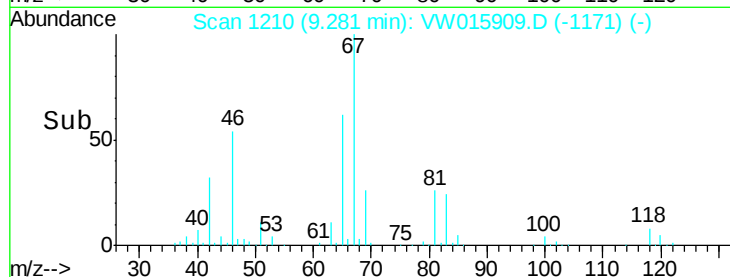
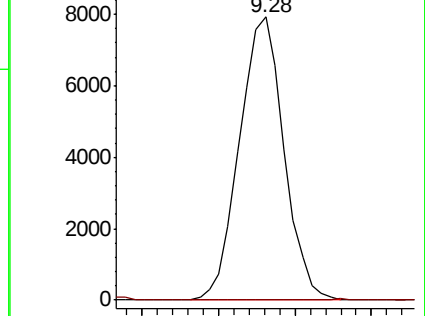
63 100

112 0.4 3.7 5.5#



Abundance Ion 63.00 (62.70 to 63.70): VW

Ion 112.00 (111.70 to 112.70): V



#59

1,2,3-Trichloropropane

Concen: 5.325 ug/L

RT: 13.56 min Scan# 1912

Delta R.T. 0.79 min

Lab File: VW015909.D

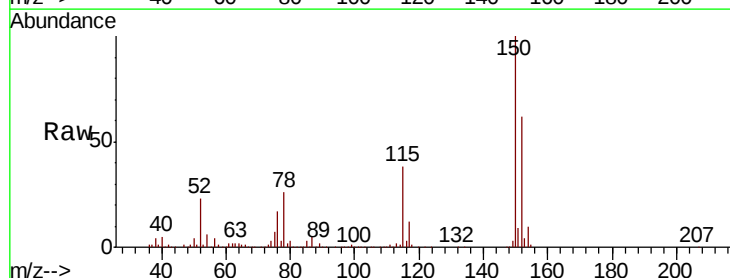
Acq: 22 Jul 2020 17:32

Tgt Ion: 75 Resp: 17968

Ion Ratio Lower Upper

75 100

77 38.2 26.0 39.0



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW

