

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW082720\
 Data File : VW016392.D
 Acq On : 27 Aug 2020 16:27
 Operator : SY/VA
 Sample : L3800-11
 Misc : 5.02G/10ML/MSVOA W/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VHBLK01

Quant Time: Aug 28 08:11:45 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM082420S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Aug 28 08:08:30 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	274805	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	261072	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	120582	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	45874	15.63	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	62.52%
7) Chloroethane-d5	2.89	69	36284	16.29	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	65.16%
10) 1,1-Dichloroethene-d2	4.01	63	90322	12.96	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	51.84%
20) 2-Butanone-d5	7.08	46	32518	38.97	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	77.94%
24) Chloroform-d	7.65	84	137845	19.24	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	76.96%
26) 1,2-Dichloroethane-d4	8.31	65	77410	20.97	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	83.88%
29) Benzene-d6	8.27	84	269144	18.46	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	73.84%
33) 1,2-Dichloropropane-d6	9.27	67	76359	18.93	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	75.72%
37) Toluene-d8	10.32	98	257265	18.71	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	74.84%
38) trans-1,3-Dichloropropene-	10.58	79	35711	18.35	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	73.40%
39) 2-Hexanone-d5	10.93	63	23841	36.90	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	73.80%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	70003	20.85	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	83.40%
61) 1,2-Dichlorobenzene-d4	13.85	152	94091	20.35	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	81.40%

Target Compounds

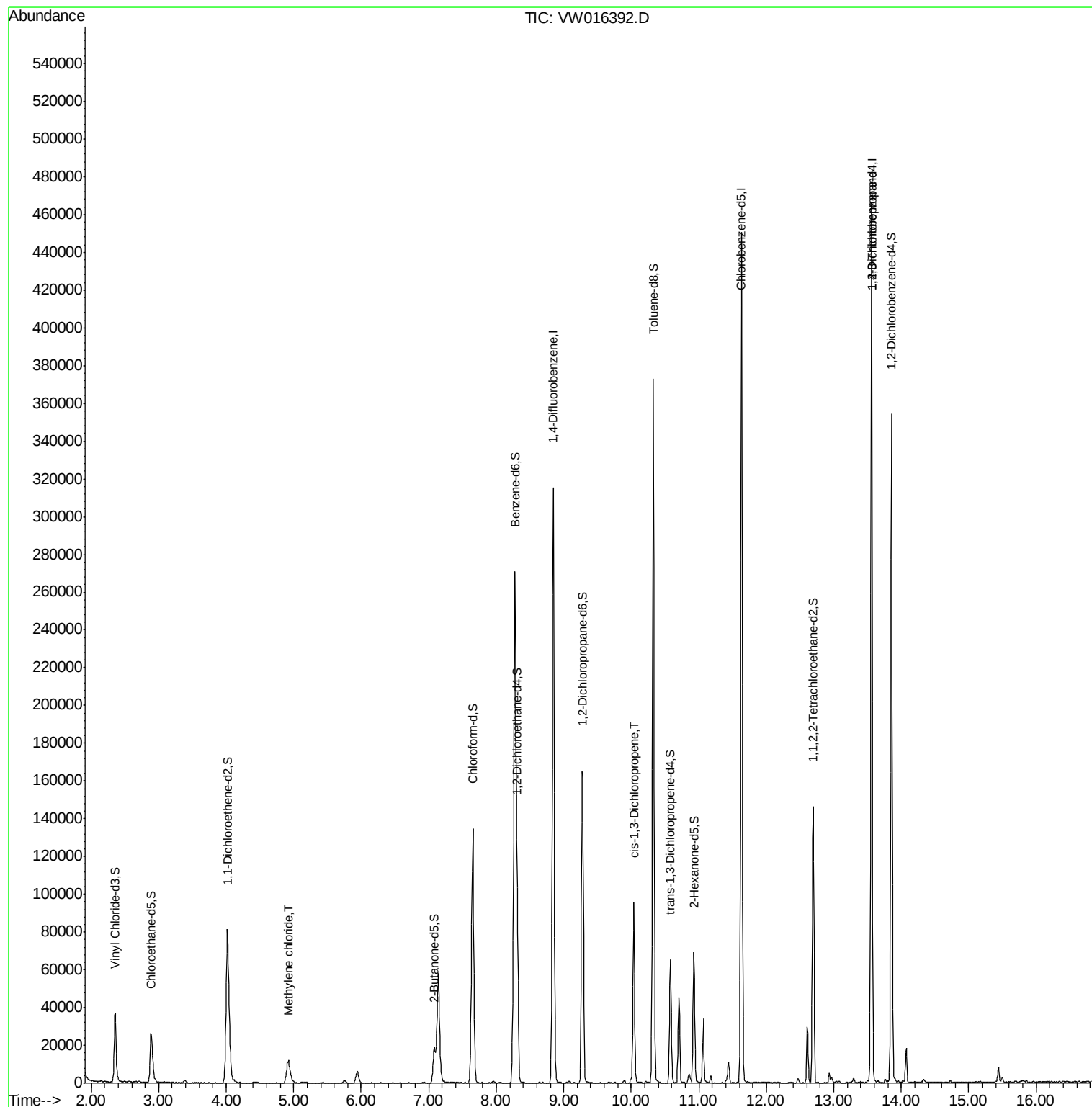
					Ovalue
16) Methylene chloride	4.92	84	11638	2.291 ug/L	90
42) cis-1,3-Dichloropropene	10.04	75	2557	0.443 ug/L #	59
59) 1,2,3-Trichloropropane	13.56	75	13038	5.190 ug/L	89

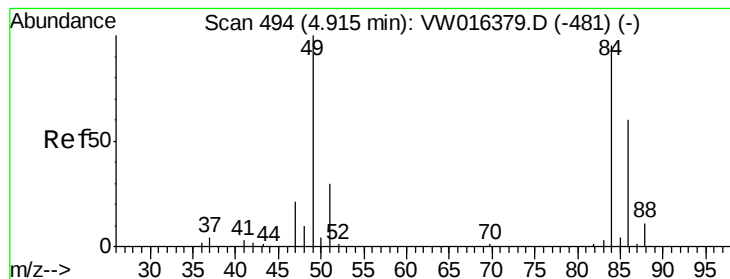
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#16

Methylene chloride

Concen: 2.291 ug/L

RT: 4.92 min Scan# 494

Delta R.T. 0.00 min

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ClientSampleId :

VHBLK01

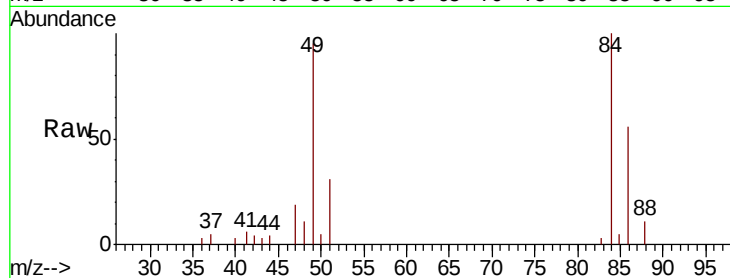
Tot Ion: 84 Resp: 11638

Ion Ratio Lower Upper

84 100

49 95.4 75.3 139.9

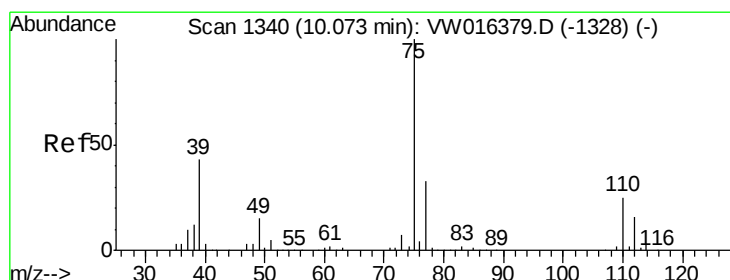
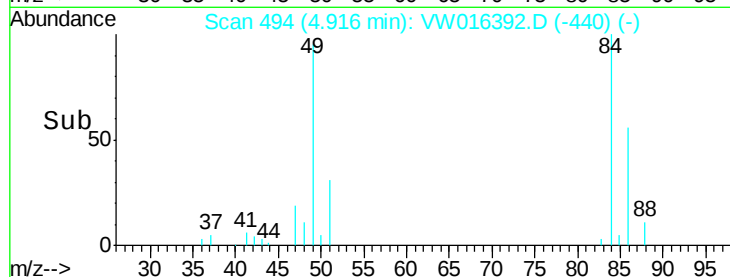
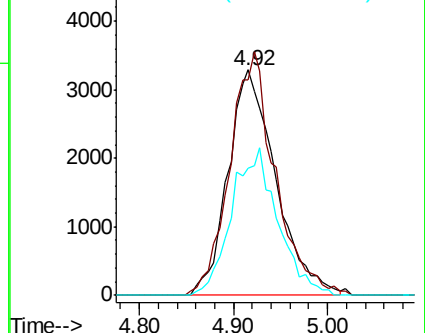
86 56.2 43.3 80.3



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



#42

cis-1,3-Dichloropropene

Concen: 0.443 ug/L

RT: 10.04 min Scan# 1334

Delta R.T. -0.04 min

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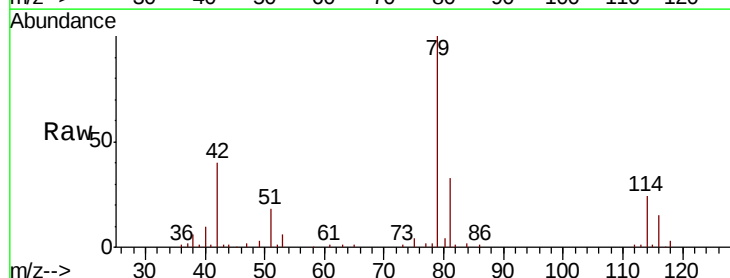
Acq: 27 Aug 2020 16:27

Tgt Ion: 75 Resp: 2557

Ion Ratio Lower Upper

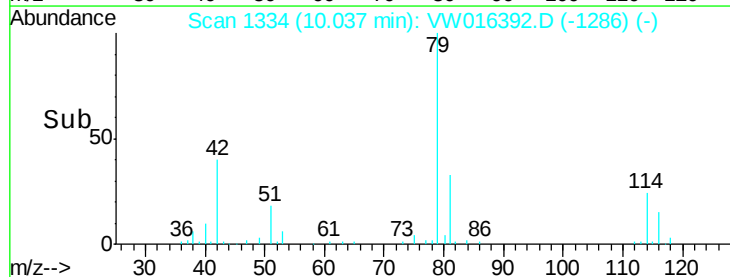
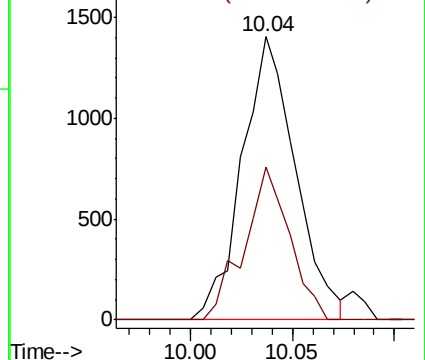
75 100

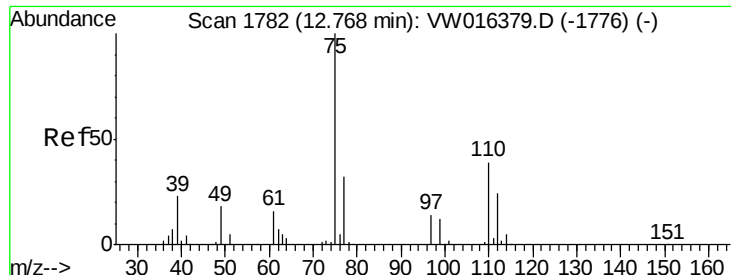
77 54.1 22.0 40.8#



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW





#59

1,2,3-Trichloropropane

Concen: 5.190 ug/L

RT: 13.56 min Scan# 1912

Delta R.T. 0.79 min

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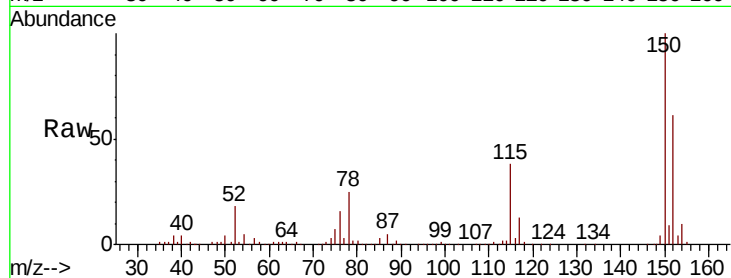
VHBLK01

Tot Ion: 75 Resp: 13038

Ion Ratio Lower Upper

75 100

77 40.1 27.1 40.7



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW

