

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW061220\
 Data File : VW015598.D
 Acq On : 12 Jun 2020 11:26
 Operator : SY/VA
 Sample : L2959-04
 Misc : 5.05G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VHBLK01

Quant Time: Jun 13 01:33:20 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	309216	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	282533	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	126904	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	62278	21.98	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	87.92%
7) Chloroethane-d5	2.90	69	71230	25.28	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	101.12%
10) 1,1-Dichloroethene-d2	4.01	63	111207	16.11	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	64.44%
20) 2-Butanone-d5	7.09	46	48354	52.27	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	104.54%
24) Chloroform-d	7.65	84	175787	24.58	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	98.32%
26) 1,2-Dichloroethane-d4	8.31	65	104540	26.28	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	105.12%
29) Benzene-d6	8.28	84	350101	25.27	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	101.08%
33) 1,2-Dichloropropane-d6	9.27	67	106541	25.30	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	101.20%
37) Toluene-d8	10.32	98	327920	24.34	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	97.36%
38) trans-1,3-Dichloropropene-	10.58	79	40046	20.56	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	82.24%
39) 2-Hexanone-d5	10.93	63	37232	51.07	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	102.14%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	79902	25.20	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	100.80%
61) 1,2-Dichlorobenzene-d4	13.86	152	109246	25.69	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	102.76%

Target Compounds

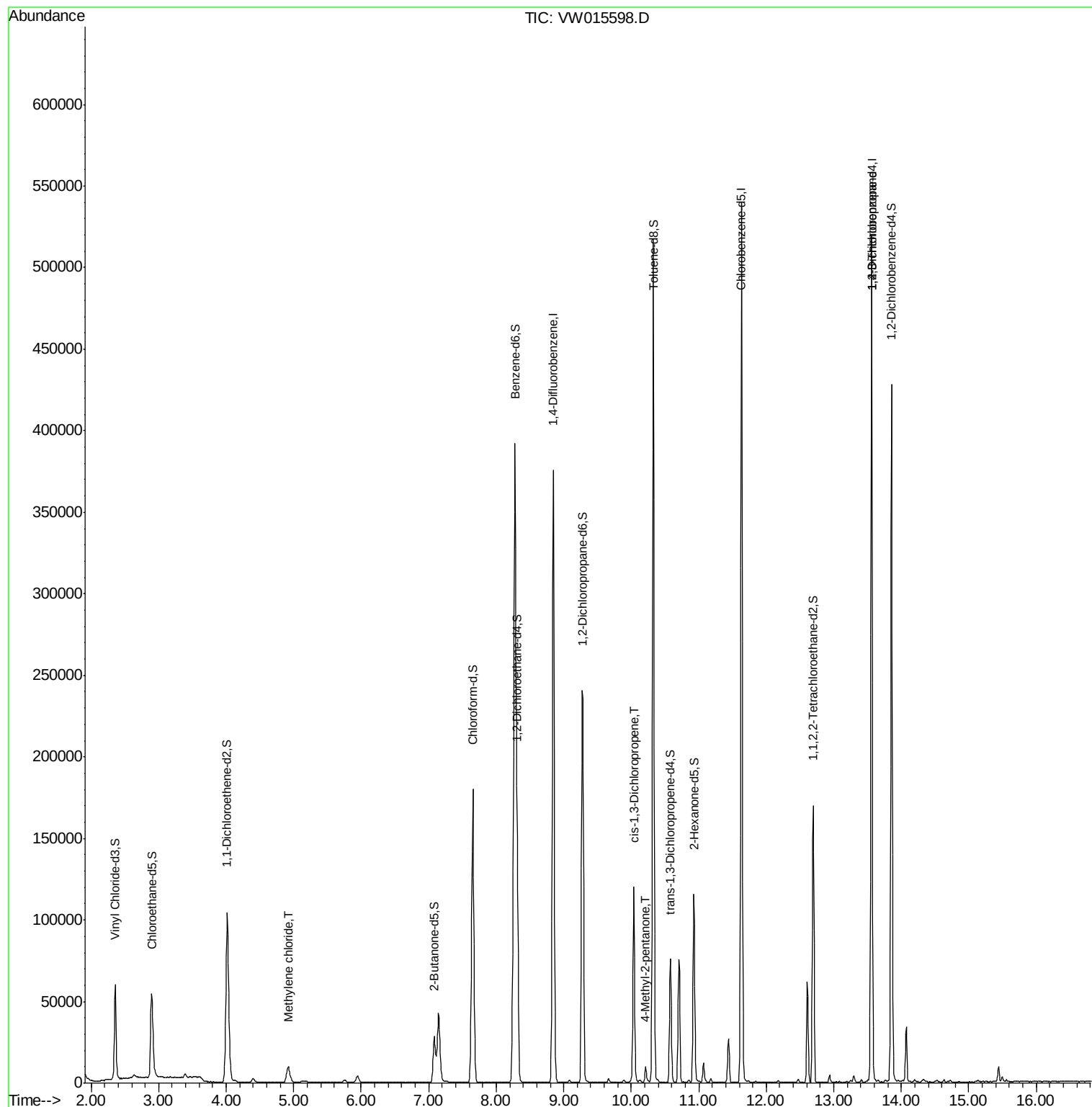
					Ovalue
16) Methylene chloride	4.92	84	7280	1.918 ug/L	89
42) cis-1,3-Dichloropropene	10.04	75	3445	0.553 ug/L #	71
43) 4-Methyl-2-pentanone	10.21	43	6159	2.700 ug/L	98
59) 1,2,3-Trichloropropane	13.56	75	16251	6.801 ug/L	89

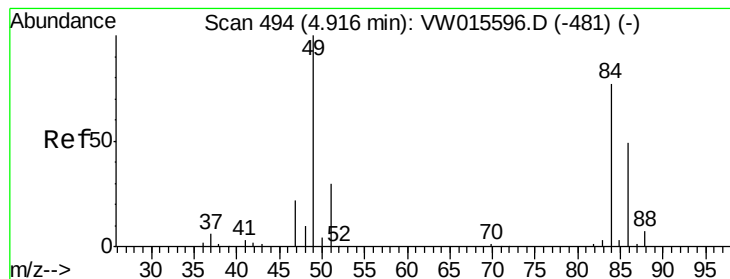
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#16

Methylene chloride

Concen: 1.918 ug/L

RT: 4.92 min Scan# 494

Delta R.T. -0.00 min

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Instrument :

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ClientSampleId :

VHBLK01

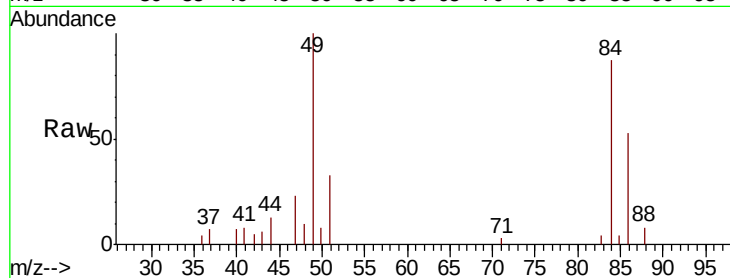
Tot Ion: 84 Resp: 7280

Ion Ratio Lower Upper

84 100

49 114.9 93.0 172.8

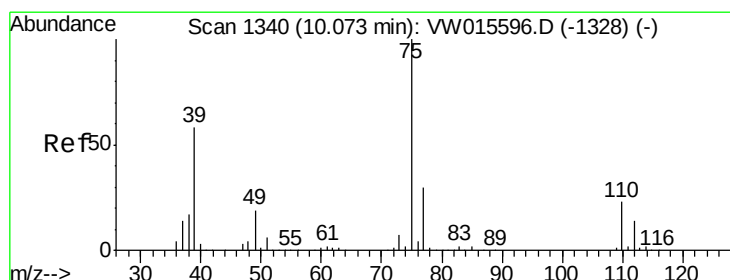
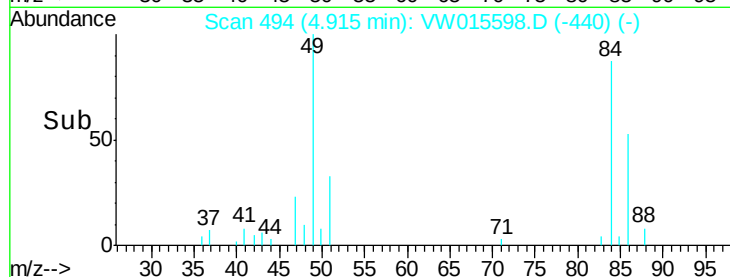
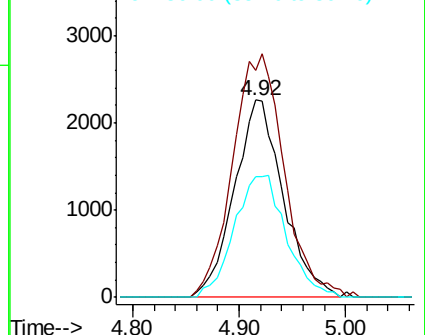
86 61.0 44.7 83.1



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: 0.553 ug/L

RT: 10.04 min Scan# 1334

Delta R.T. -0.04 min

Lab File: VW015598.D

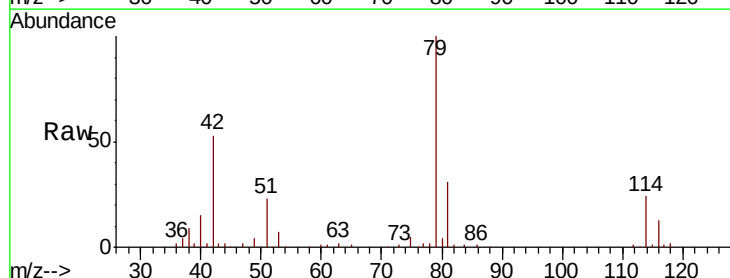
Acq: 12 Jun 2020 11:26

Tgt Ion: 75 Resp: 3445

Ion Ratio Lower Upper

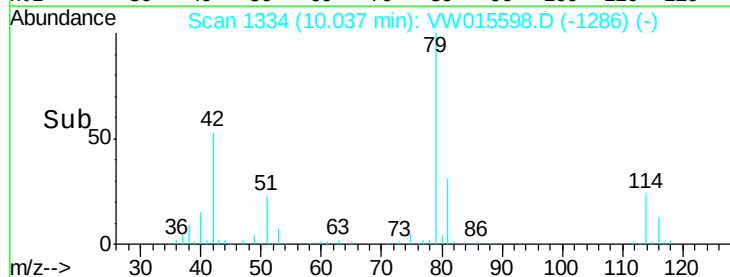
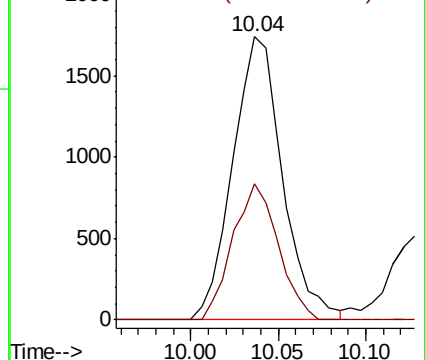
75 100

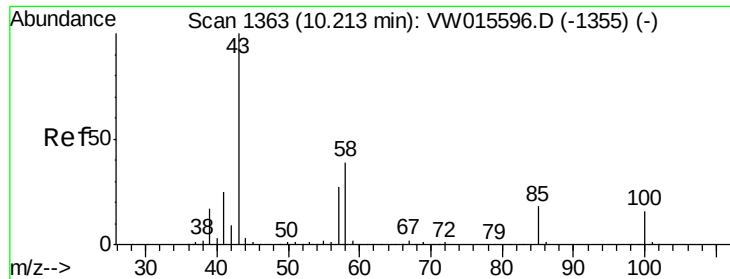
77 48.1 22.3 41.5#



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW

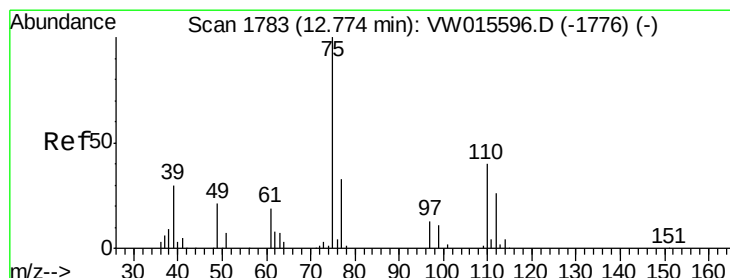
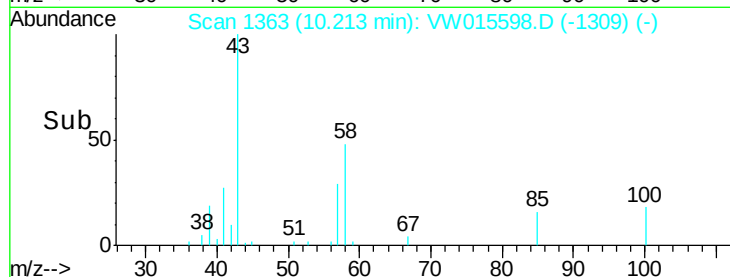
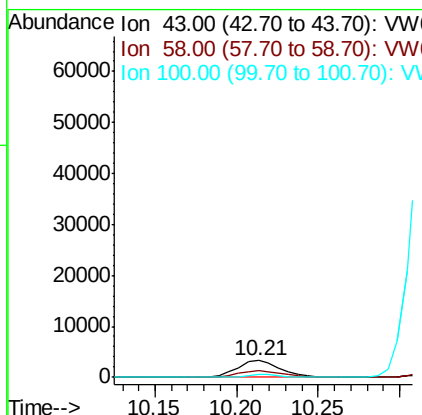
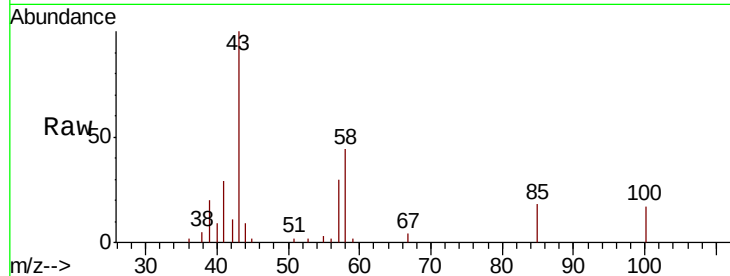




#43
4-Methyl-2-pentanone
Concen: 2.700 ug/L
RT: 10.21 min Scan# 1363
Delta R.T. -0.00 min
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Tot Ion: 43 Resp: 6159
Ion Ratio Lower Upper
43 100
58 40.2 30.6 46.0
100 15.3 12.5 18.7



#59
1,2,3-Trichloropropane
Concen: 6.801 ug/L
RT: 13.56 min Scan# 1912
Delta R.T. 0.79 min
Lab File: VW015598.D
Acq: 12 Jun 2020 11:26

Tgt Ion: 75 Resp: 16251
Ion Ratio Lower Upper
75 100
77 38.4 25.9 38.9

