

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW080620\
 Data File : VW016044.D
 Acq On : 06 Aug 2020 15:17
 Operator : SY/VA
 Sample : VW0806SBL01
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VBLK26

Quant Time: Aug 07 07:42:44 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM072020S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Aug 07 07:41:20 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	304383	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	275019	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	131027	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	97582	22.72	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	90.88%
7) Chloroethane-d5	2.89	69	72043	20.65	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	82.60%
10) 1,1-Dichloroethene-d2	4.01	63	152440	17.56	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	70.24%
20) 2-Butanone-d5	7.09	46	51446	45.60	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	91.20%
24) Chloroform-d	7.65	84	203667	23.82	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	95.28%
26) 1,2-Dichloroethane-d4	8.40	65	49	0.01	ug/L	0.10
Spiked Amount	25.000	Range	70 - 130	Recovery	=	0.04%#
29) Benzene-d6	8.27	84	421236	25.16	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	100.64%
33) 1,2-Dichloropropane-d6	9.27	67	120608	24.03	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	96.12%
37) Toluene-d8	10.32	98	392510	25.88	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	103.52%
38) trans-1,3-Dichloropropene-	10.58	79	53124	24.83	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	99.32%
39) 2-Hexanone-d5	10.93	63	42799	51.22	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	102.44%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	98966	25.66	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	102.64%
61) 1,2-Dichlorobenzene-d4	13.85	152	137641	26.94	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	107.76%

Target Compounds

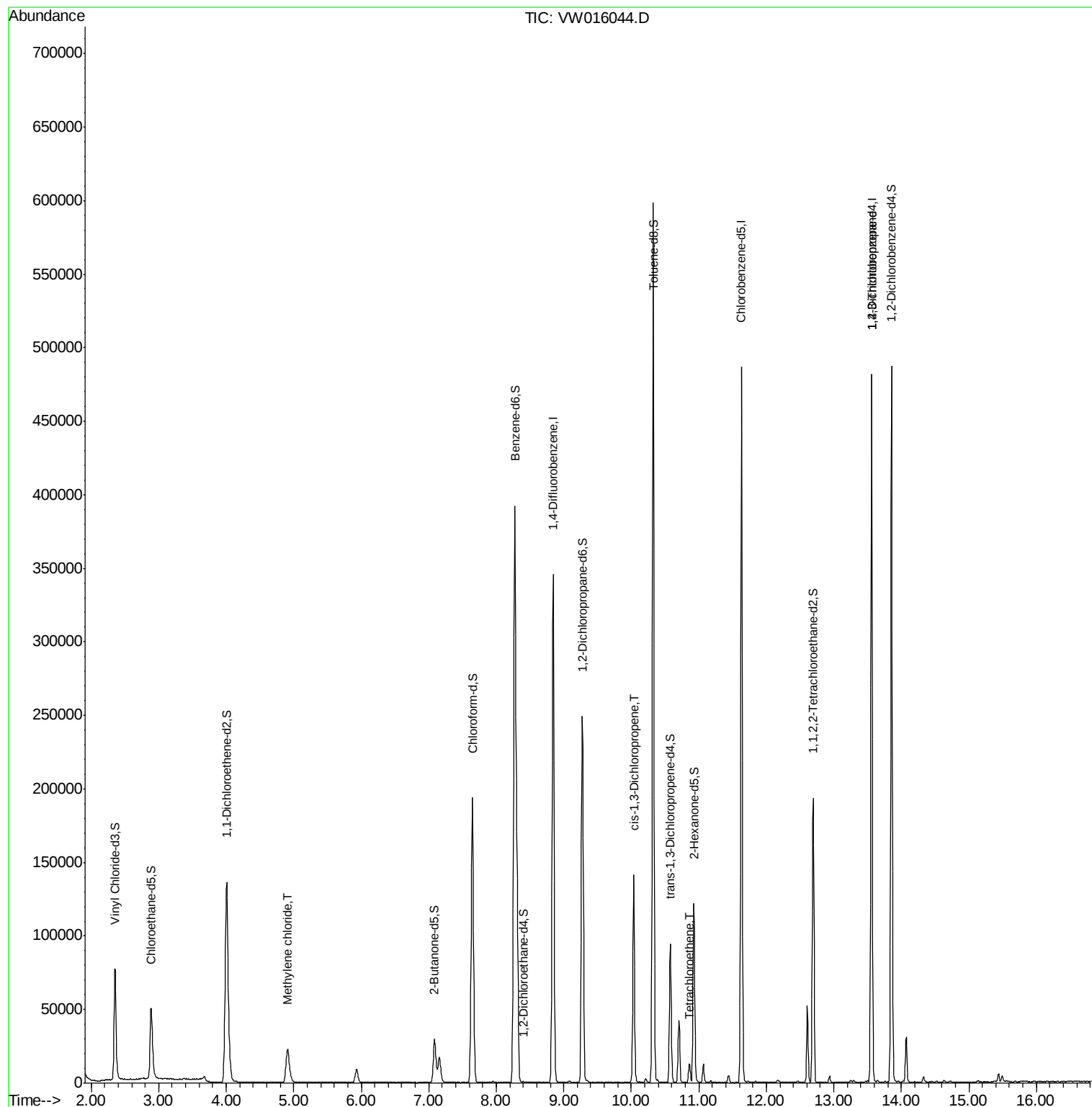
					Ovalue
16) Methylene chloride	4.91	84	21358	4.282 ug/L	86
42) cis-1,3-Dichloropropene	10.04	75	3573	0.567 ug/L #	61
47) Tetrachloroethene	10.87	164	3060	0.892 ug/L	91
59) 1,2,3-Trichloropropane	13.56	75	14384	5.494 ug/L	93

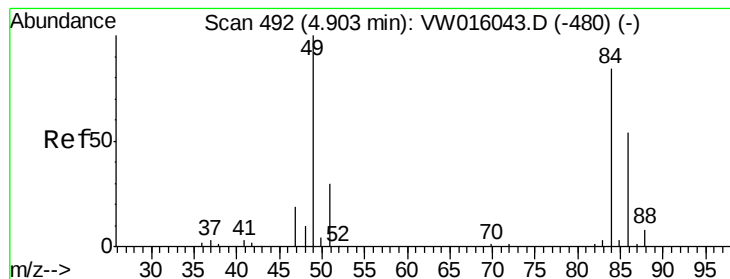
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#16

Methvlene chloride

Concen: 4.282 ug/L

RT: 4.91 min Scan# 493

Delta R.T. 0.01 min

Lab File: VW016044.D

Acq: 06 Aug 2020 15:17

Instrument :

MSVOA_W

ClientSampled :

VBLK26

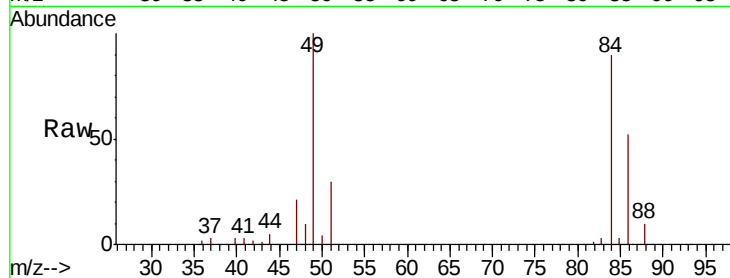
Tot Ion: 84 Resp: 21358

Ion Ratio Lower Upper

84 100

49 111.2 91.1 169.1

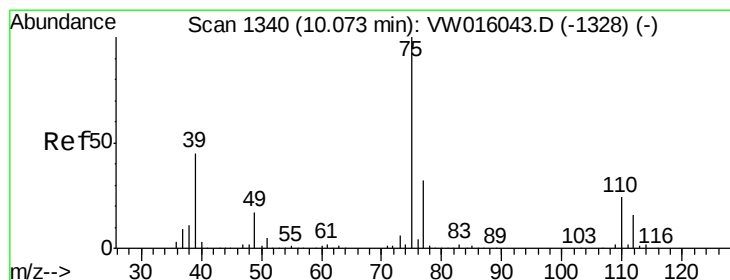
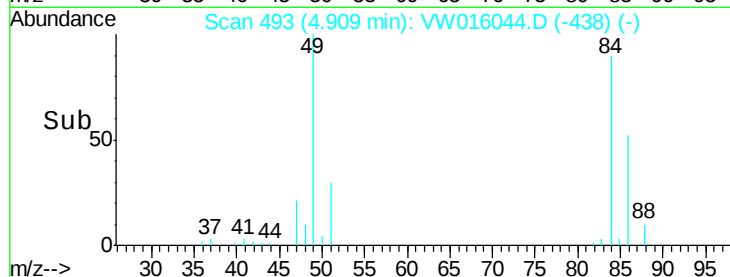
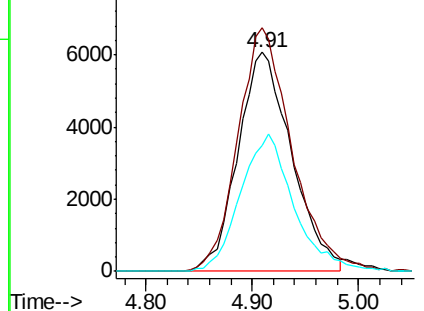
86 57.6 46.0 85.4



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



#42

cis-1,3-Dichloropropene

Concen: 0.567 ug/L

RT: 10.04 min Scan# 1334

Delta R.T. -0.04 min

Lab File: VW016044.D

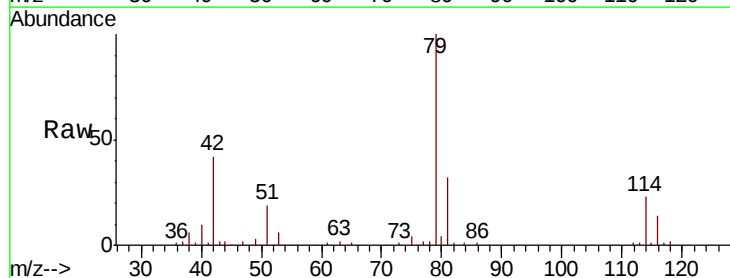
Acq: 06 Aug 2020 15:17

Tgt Ion: 75 Resp: 3573

Ion Ratio Lower Upper

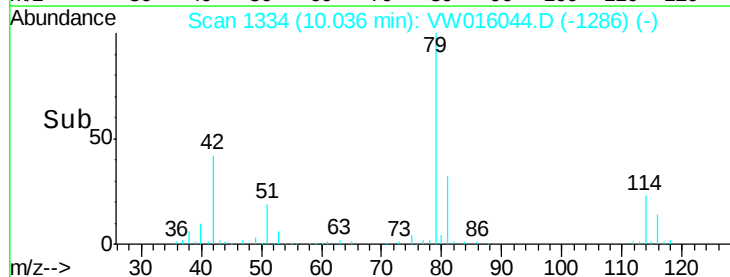
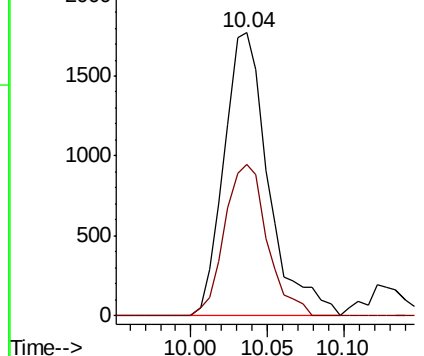
75 100

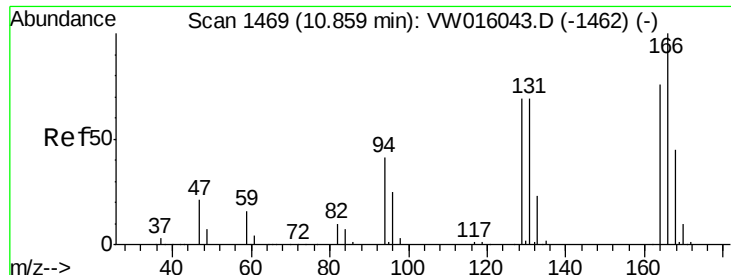
77 53.4 22.2 41.2#



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW





#47

Tetrachloroethene

Concen: 0.892 ug/L

RT: 10.87 min Scan# 1470

Delta R.T. 0.01 min

Lab File: VW016044.D

Acq: 06 Aug 2020 15:17

Instrument :

MSVOA_W

ClientSampleId :

VBLK26

Tot Ion:164 Resp: 3060

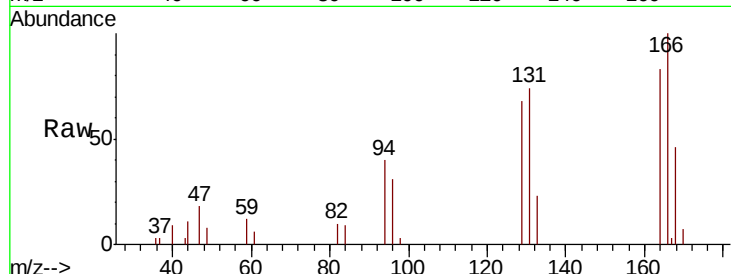
Ion Ratio Lower Upper

164 100

129 81.9 70.0 130.0

131 89.4 67.3 124.9

166 121.2 88.5 164.3

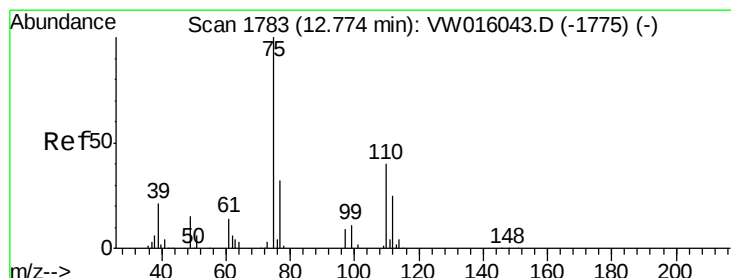
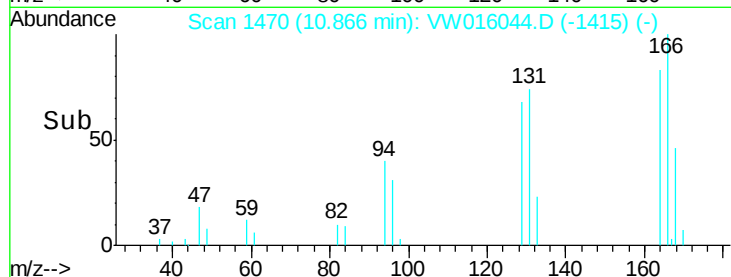
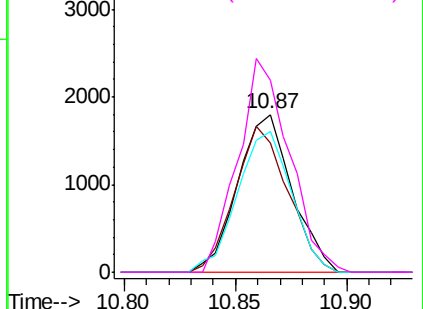


Abundance Ion 164.00 (163.70 to 164.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 131.00 (130.70 to 131.70): V

Ion 166.00 (165.70 to 166.70): V



#59

1,2,3-Trichloropropane

Concen: 5.494 ug/L

RT: 13.56 min Scan# 1912

Delta R.T. 0.79 min

Lab File: VW016044.D

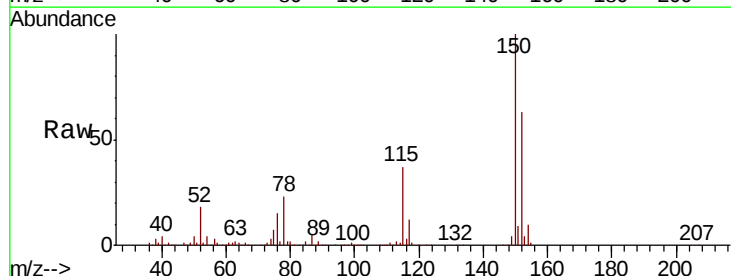
Acq: 06 Aug 2020 15:17

Tgt Ion: 75 Resp: 14384

Ion Ratio Lower Upper

75 100

77 36.7 26.0 39.0



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW

