

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW110220\
 Data File : VW017048.D
 Acq On : 02 Nov 2020 15:21
 Operator : SY/VA
 Sample : VIBLK25
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VIBLK25

Quant Time: Nov 03 06:16:12 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM102220S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Nov 03 04:48:47 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	426431	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	389474	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	189145	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	98557	20.03	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	80.12%
7) Chloroethane-d5	2.90	69	84693	22.21	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	88.84%
10) 1,1-Dichloroethene-d2	4.02	63	154502	16.14	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	64.56%
20) 2-Butanone-d5	7.08	46	55004	59.33	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	118.66%
24) Chloroform-d	7.65	84	236177	24.01	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	96.04%
26) 1,2-Dichloroethane-d4	8.31	65	116028	25.06	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	100.24%
29) Benzene-d6	8.28	84	473679	23.68	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	94.72%
33) 1,2-Dichloropropane-d6	9.28	67	137660	25.49	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	101.96%
37) Toluene-d8	10.33	98	449306	23.85	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	95.40%
38) trans-1,3-Dichloropropene-	10.58	79	53585	23.38	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	93.52%
39) 2-Hexanone-d5	10.93	63	44871	59.18	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	118.36%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	112899	27.44	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	109.76%
61) 1,2-Dichlorobenzene-d4	13.85	152	172469	25.94	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	103.76%

Target Compounds

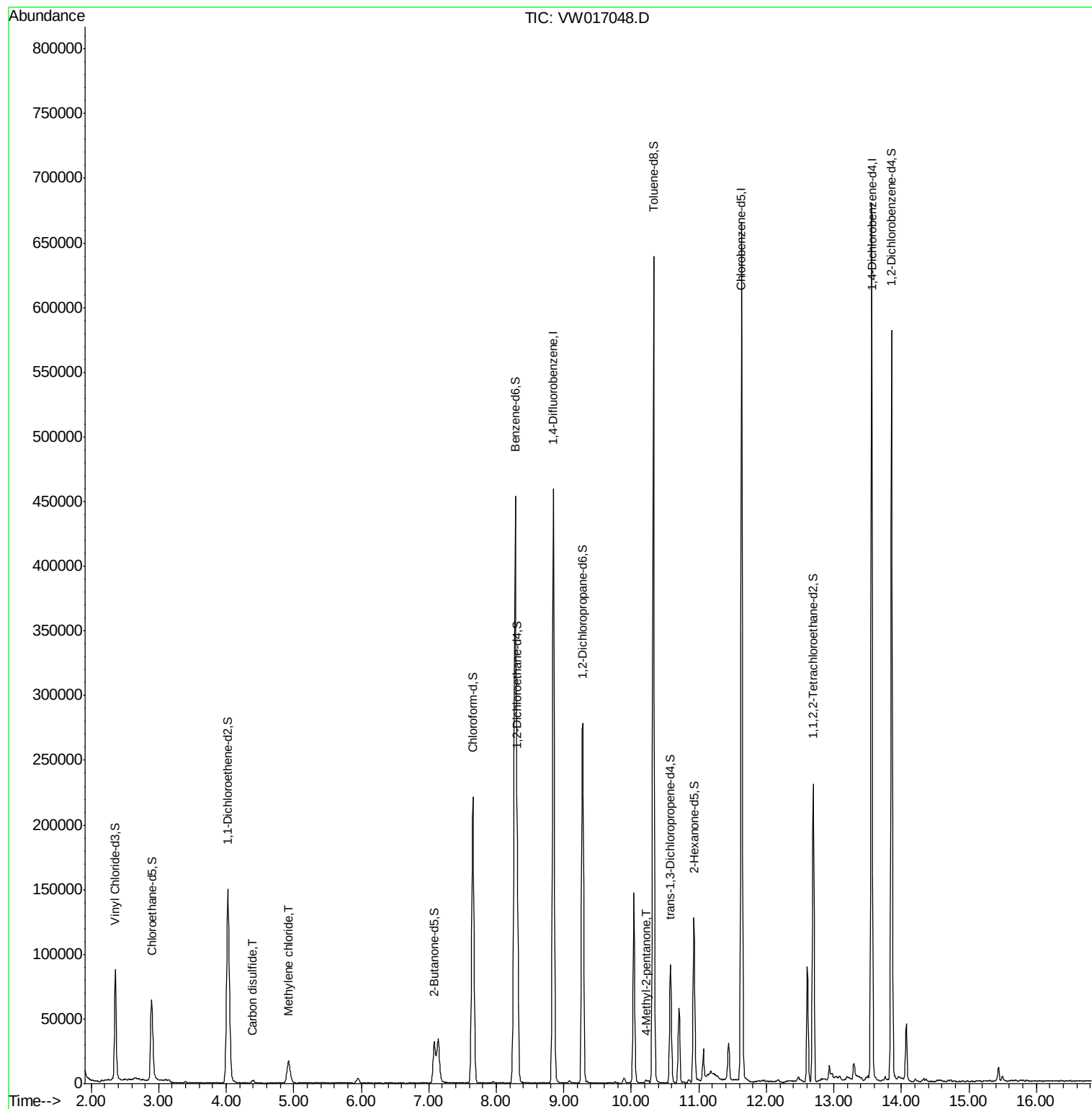
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
14) Carbon disulfide	4.39	76	3813	0.225	ug/L	97
16) Methylene chloride	4.93	84	15701	2.785	ug/L	94
43) 4-Methyl-2-pentanone	10.22	43	1925	0.845	ug/L #	88

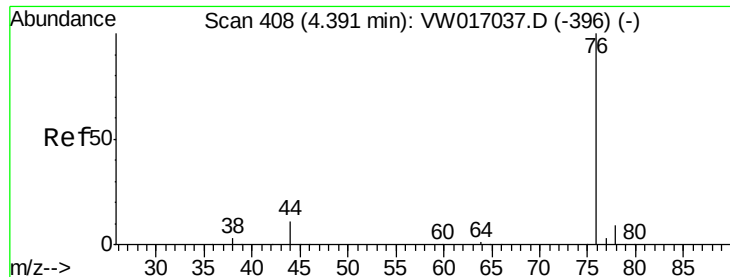
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#14

Carbon disulfide

Concen: 0.225 ug/L

RT: 4.39 min Scan# 408

Delta R.T. 0.00 min

Lab File: VW017048.D

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Instrument :

MSVOA_W

ClientSampleId :

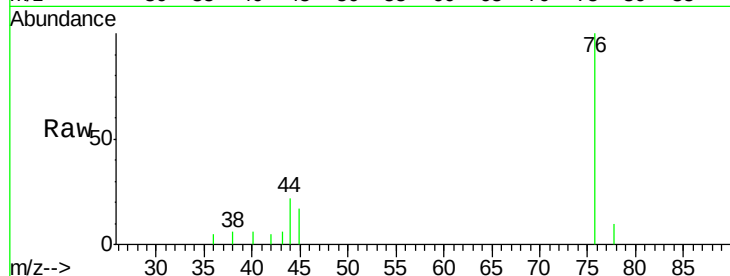
VIBLK25

Tot Ion: 76 Resp: 3813

Ion Ratio Lower Upper

76 100

78 10.1 7.3 10.9



Abundance Ion 76.00 (75.70 to 76.70): VW

Ion 78.00 (77.70 to 78.70): VW

4.39

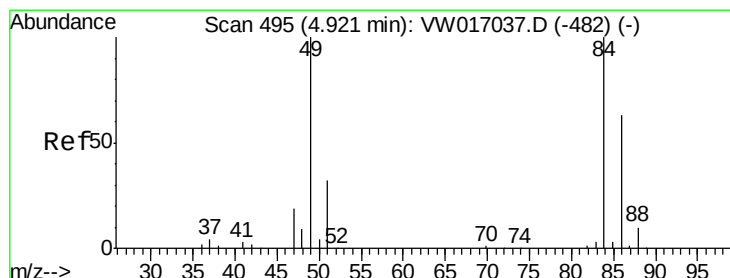
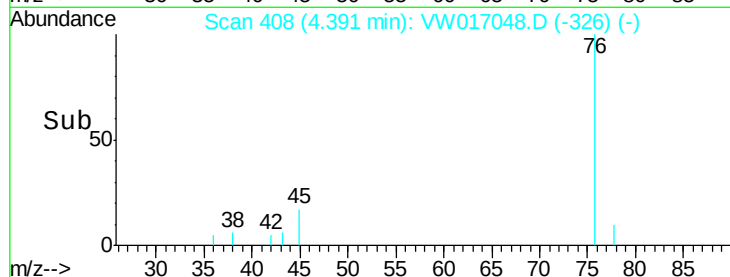
1500

1000

500

0

Time--> 4.30 4.35 4.40 4.45



#16

Methylene chloride

Concen: 2.785 ug/L

RT: 4.93 min Scan# 496

Delta R.T. 0.01 min

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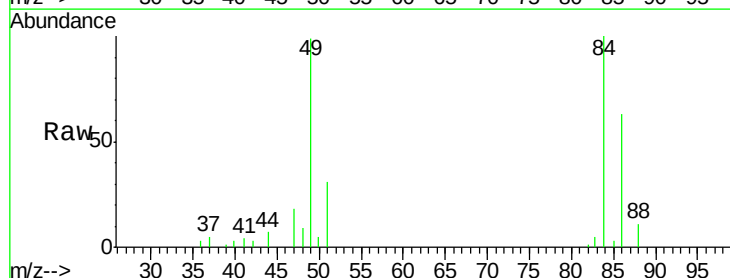
Tgt Ion: 84 Resp: 15701

Ion Ratio Lower Upper

84 100

49 99.3 73.8 137.0

86 63.1 47.4 88.0



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

4.93

6000

5000

4000

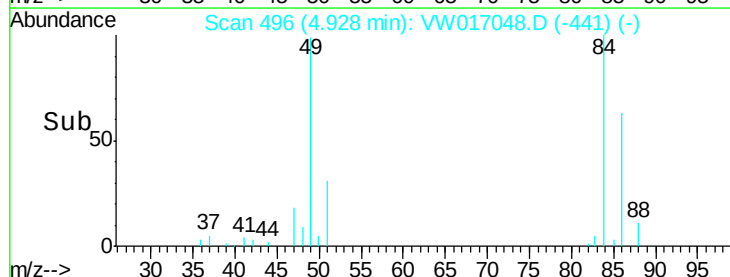
3000

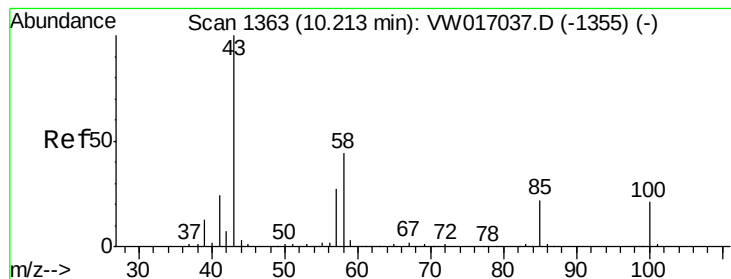
2000

1000

0

Time--> 4.80 4.90 5.00





#43
 4-Methyl-2-pentanone
 Concen: 0.845 ug/L
 RT: 10.22 min Scan# 1364
 Delta R.T. 0.01 min
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 Acq: 02 Nov 2020 15:21

Instrument :
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 ClientSampleId :
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Tot Ion: 43 Resp: 1925
 Ion Ratio Lower Upper
 43 100
 58 35.3 34.4 51.6
 100 15.3 16.2 24.2#

