

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW070220\
 Data File : VW015779.D
 Acq On : 02 Jul 2020 12:54
 Operator : SY/VA
 Sample : L3131-06
 Misc : 5.02G/10ML/MSVOA W/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VHBLK01

Quant Time: Jul 06 01:15:49 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM062920S.M
 Quant Title : VOC Analysis
 QLast Update : Mon Jul 06 01:14:02 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	298190	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	288840	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	127622	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	103254	21.32	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	85.28%
7) Chloroethane-d5	2.89	69	86565	21.90	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	87.60%
10) 1,1-Dichloroethene-d2	4.01	63	147254	17.13	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	68.52%
20) 2-Butanone-d5	7.08	46	62581	61.26	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	122.52%
24) Chloroform-d	7.65	84	189704	22.82	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	91.28%
26) 1,2-Dichloroethane-d4	8.31	65	118175	25.00	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	100.00%
29) Benzene-d6	8.27	84	378533	21.98	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	87.92%
33) 1,2-Dichloropropane-d6	9.27	67	112659	22.10	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	88.40%
37) Toluene-d8	10.33	98	337998	21.09	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	84.36%
38) trans-1,3-Dichloropropene-	10.58	79	47833	21.18	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	84.72%
39) 2-Hexanone-d5	10.93	63	46704	56.21	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	112.42%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	99034	25.33	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	101.32%
61) 1,2-Dichlorobenzene-d4	13.85	152	115251	23.29	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	93.16%

Target Compounds

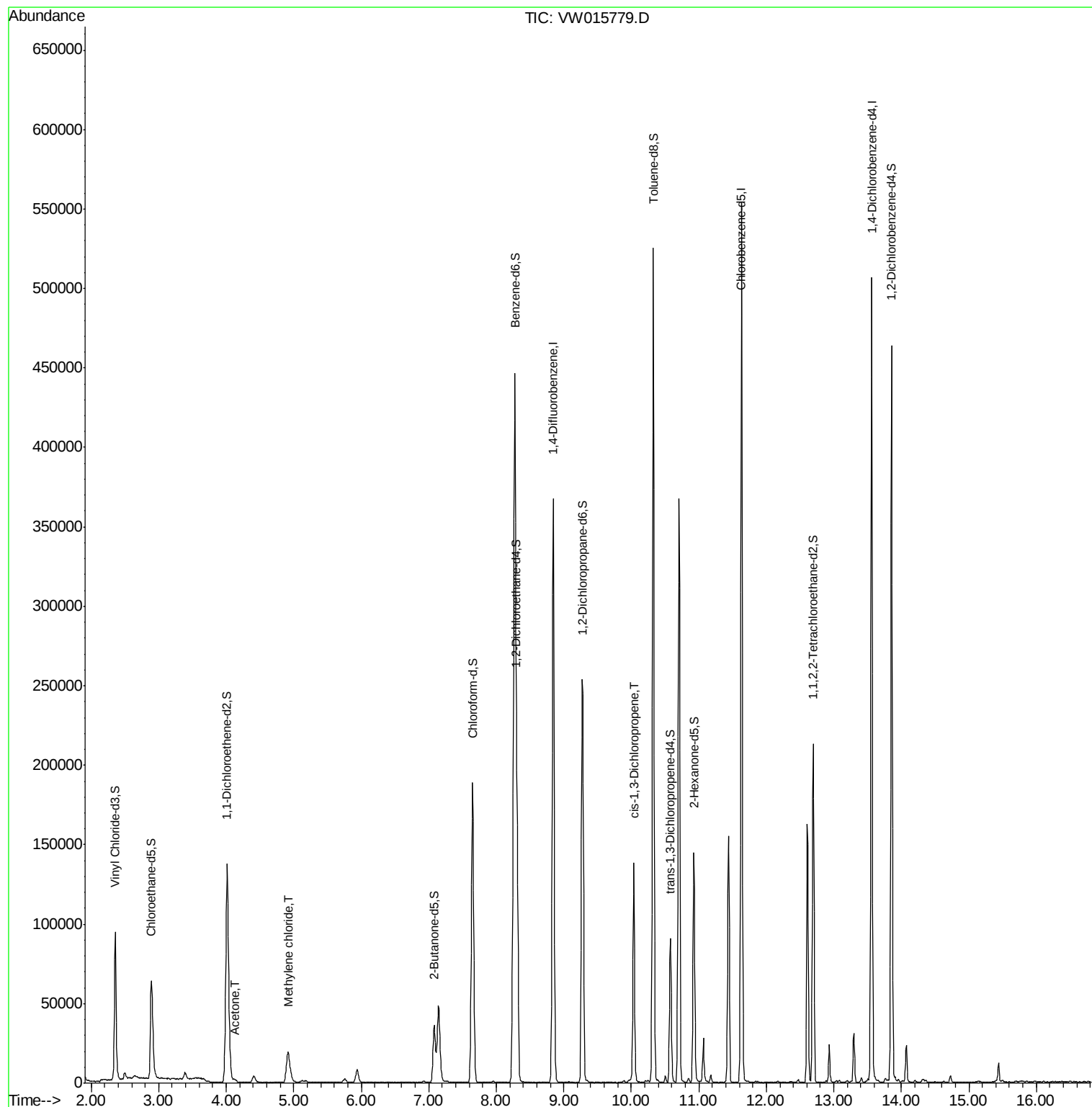
					Ovalue
13) Acetone	4.13	43	2545	2.973 ug/L	80
16) Methylene chloride	4.92	84	15670	3.581 ug/L	93
42) cis-1,3-Dichloropropene	10.04	75	3782	0.628 ug/L #	73

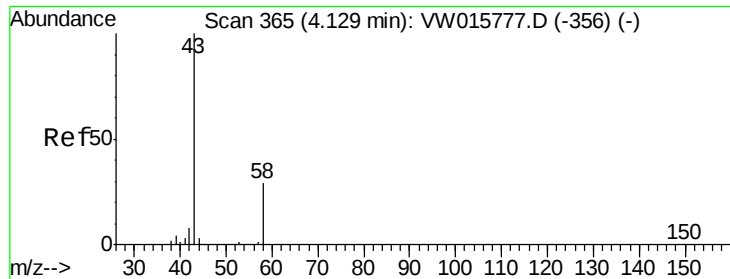
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 2.973 ug/L

RT: 4.13 min Scan# 365

Delta R.T. -0.00 min

Lab File: VW015779.D

Acq: 02 Jul 2020 12:54

Instrument :

MSVOA_W

ClientSampleId :

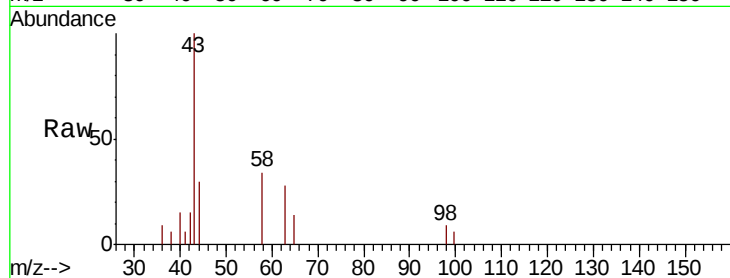
VHBLK01

Tot Ion: 43 Resp: 2545

Ion Ratio Lower Upper

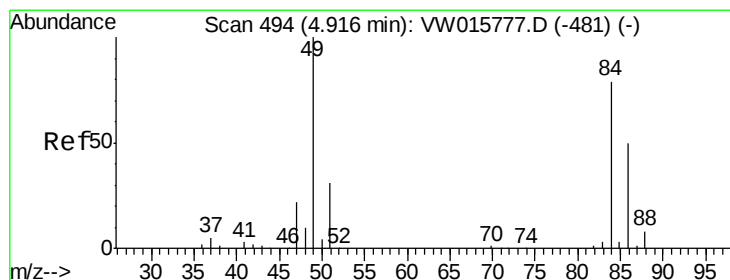
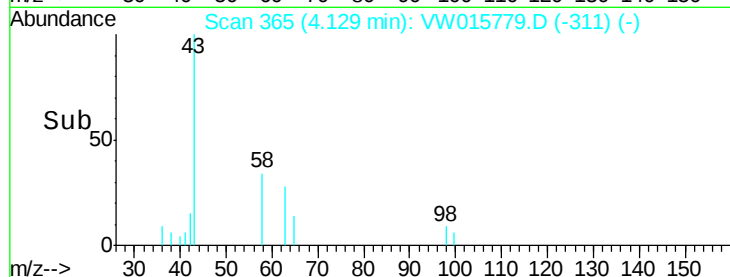
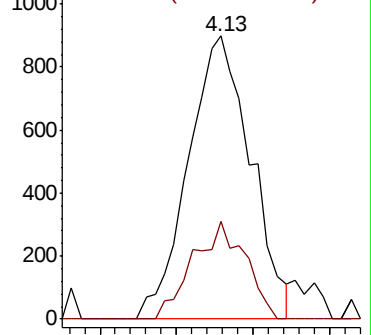
43 100

58 19.1 0.0 59.4



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#16

Methylene chloride

Concen: 3.581 ug/L

RT: 4.92 min Scan# 494

Delta R.T. -0.00 min

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Acq: 02 Jul 2020 12:54

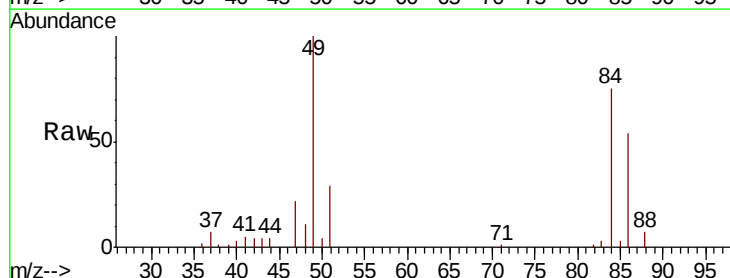
Tgt Ion: 84 Resp: 15670

Ion Ratio Lower Upper

84 100

49 133.0 90.0 167.2

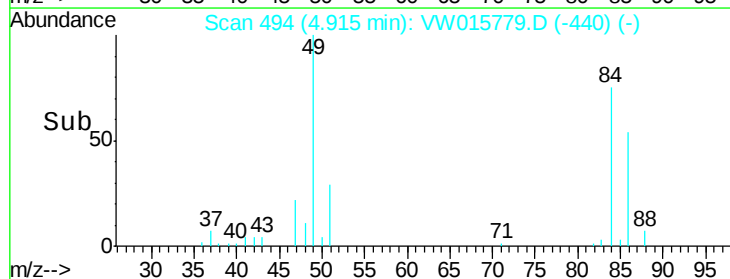
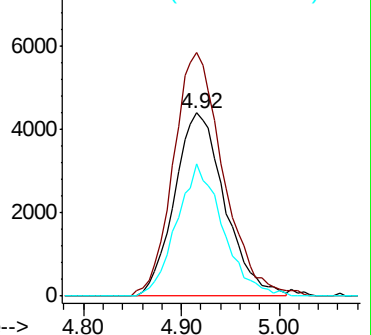
86 72.4 44.0 81.8

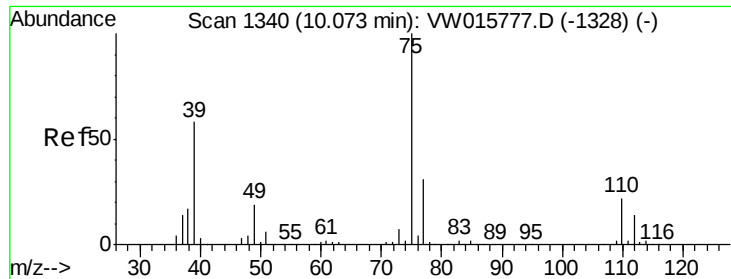


Abundance Ion 84.00 (83.70 to 84.70): VW

Ion 49.00 (48.70 to 49.70): VW

Ion 86.00 (85.70 to 86.70): VW





#42
 cis-1,3-Dichloropropene
 Concen: 0.628 ug/L
 RT: 10.04 min Scan# 1334
 Delta R.T. -0.04 min
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Tot Ion: 75 Resp: 3782
 Ion Ratio Lower Upper
 75 100
 77 46.8 22.2 41.2#

