

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW120420\
 Data File : VW017561.D
 Acq On : 04 Dec 2020 17:15
 Operator : SY/VA
 Sample : L4941-12
 Misc : 4.74G/10ML/MSVOA W/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 C0BJ1

Quant Time: Dec 05 07:38:32 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM112420S.M
 Quant Title : VOC Analysis
 QLast Update : Sat Dec 05 07:36:07 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	607461	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	483107	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	159907	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	101654	12.53	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	50.12%
7) Chloroethane-d5	2.89	69	90224	13.17	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	52.68%
10) 1,1-Dichloroethene-d2	4.03	63	176977	9.80	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	39.20%#
20) 2-Butanone-d5	7.08	46	49614	28.31	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	56.62%
24) Chloroform-d	7.65	84	266212	15.06	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	60.24%
26) 1,2-Dichloroethane-d4	8.31	65	137671	15.71	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	62.84%#
29) Benzene-d6	8.27	84	502332	16.61	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	66.44%
33) 1,2-Dichloropropane-d6	9.27	67	147762	17.48	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	69.92%#
37) Toluene-d8	10.33	98	430152	15.69	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	62.76%
38) trans-1,3-Dichloropropene-	10.59	79	40354	10.75	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	43.00%
39) 2-Hexanone-d5	10.93	63	25778	24.31	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	48.62%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	96009	15.57	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	62.28%
61) 1,2-Dichlorobenzene-d4	13.85	152	91315	15.13	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	60.52%#

Target Compounds

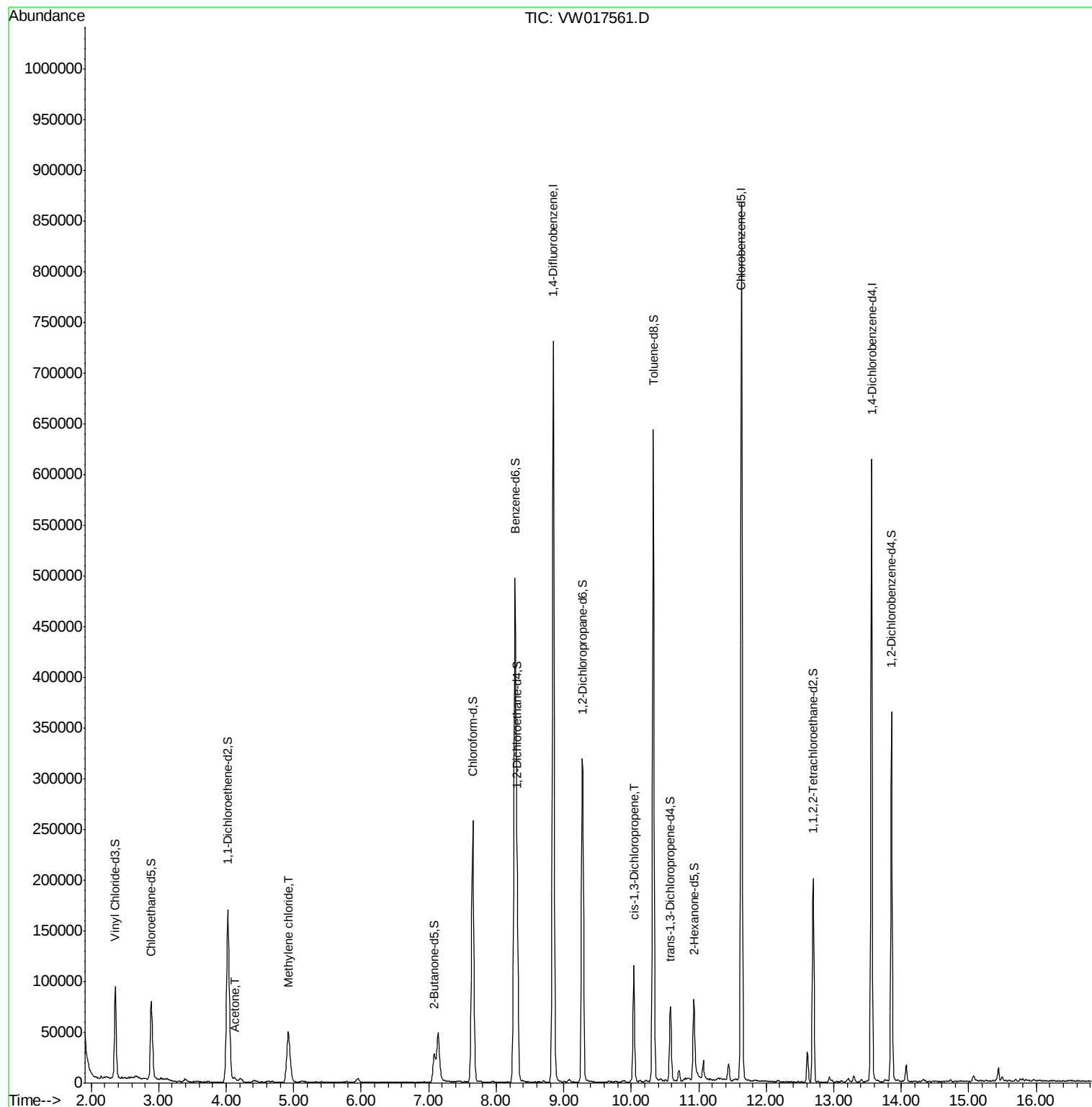
					Ovalue
13) Acetone	4.12	43	6952	4.075 ug/L	100
16) Methylene chloride	4.92	84	42252	4.613 ug/L	98
42) cis-1,3-Dichloropropene	10.04	75	3118	0.291 ug/L #	54

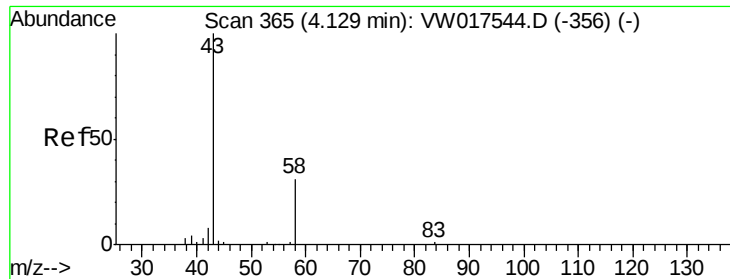
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 4.075 ug/L

RT: 4.12 min Scan# 364

Delta R.T. -0.01 min

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Acq: 04 Dec 2020 17:15

Instrument :

MSVOA_W

ClientSampleId :

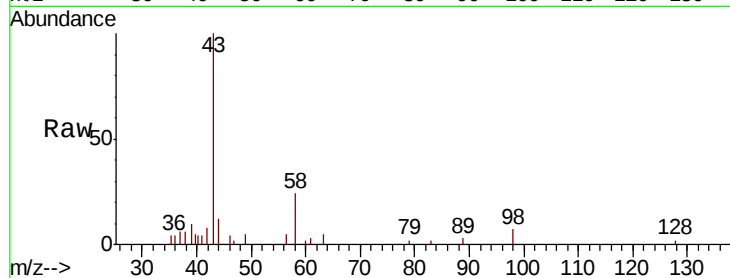
C0BJ1

Tot Ion: 43 Resp: 6952

Ion Ratio Lower Upper

43 100

58 34.2 0.0 68.4



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.12

2500

2000

1500

1000

500

0

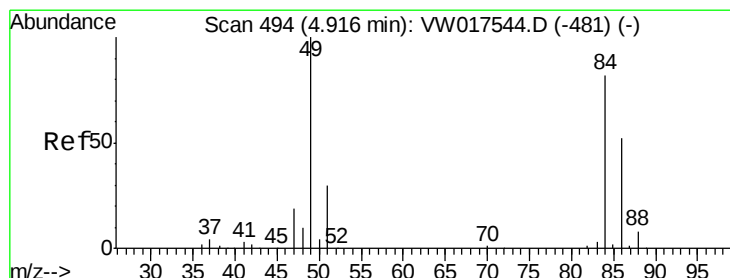
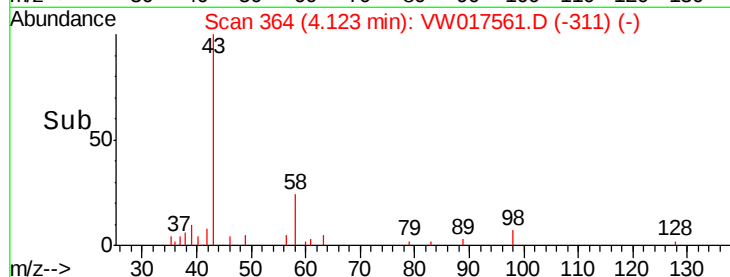
Time-->

4.05

4.10

4.15

4.20



#16

Methylene chloride

Concen: 4.613 ug/L

RT: 4.92 min Scan# 495

Delta R.T. 0.01 min

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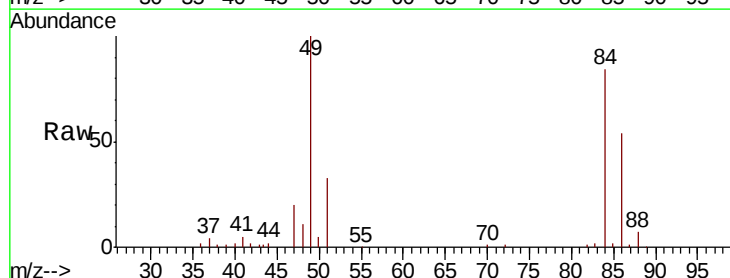
Tgt Ion: 84 Resp: 42252

Ion Ratio Lower Upper

84 100

49 119.3 81.2 150.8

86 64.7 44.5 82.7



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

4.92

20000

15000

10000

5000

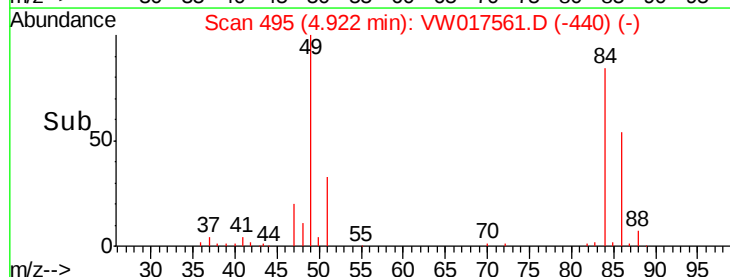
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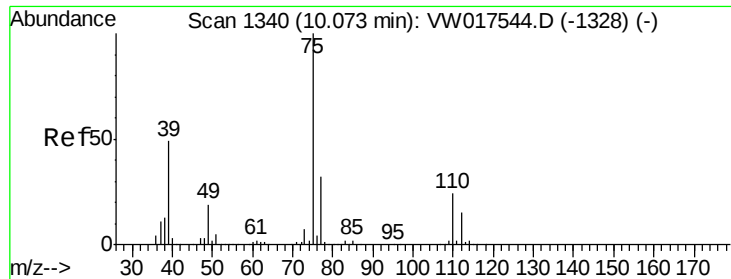
Time-->

4.80

4.90

5.00





#42

cis-1,3-Dichloropropene

Concen: 0.291 ug/L

RT: 10.04 min Scan# 1334

Delta R.T. -0.04 min

Lab File: VW017561.D

Acq: 04 Dec 2020 17:15

Instrument :

MSVOA_W

ClientSampleId :

C0BJ1

Tot Ion: 75 Resp: 3118

Ion Ratio Lower Upper

75 100

77 58.2 22.7 42.3#

