

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW102320\
 Data File : VW016985.D
 Acq On : 23 Oct 2020 16:31
 Operator : SY/VA
 Sample : L4471-06
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VHBLK02

Manual Integrations
 APPROVED

MMDadoda
 10/26/2020 12:31:04 PM

Quant Time: Oct 24 02:56:15 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM102220S.M
 Quant Title : VOC Analysis
 QLast Update : Sat Oct 24 00:31:51 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	471379	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	433916	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	216014	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	125955	23.15	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	92.60%
7) Chloroethane-d5	2.89	69	96241	22.83	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	91.32%
10) 1,1-Dichloroethene-d2	4.02	63	182689	17.26	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	69.04%
20) 2-Butanone-d5	7.09	46	59997	58.54	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	117.08%
24) Chloroform-d	7.65	84	254380	23.40	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	93.60%
26) 1,2-Dichloroethane-d4	8.31	65	133298	26.05	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	104.20%
29) Benzene-d6	8.27	84	529958	23.78	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	95.12%
33) 1,2-Dichloropropane-d6	9.27	67	145986	24.26	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	97.04%
37) Toluene-d8	10.33	98	494570	23.57	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	94.28%
38) trans-1,3-Dichloropropene-	10.58	79	61479	24.08	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	96.32%
39) 2-Hexanone-d5	10.93	63	51914	61.45	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	122.90%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	125608	27.41	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	109.64%
61) 1,2-Dichlorobenzene-d4	13.85	152	188517	24.83	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	99.32%

Target Compounds				Ovalue
13) Acetone	4.17	43	1582m	2.294 ug/L
16) Methylene chloride	4.92	84	7044m	1.130 ug/L

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

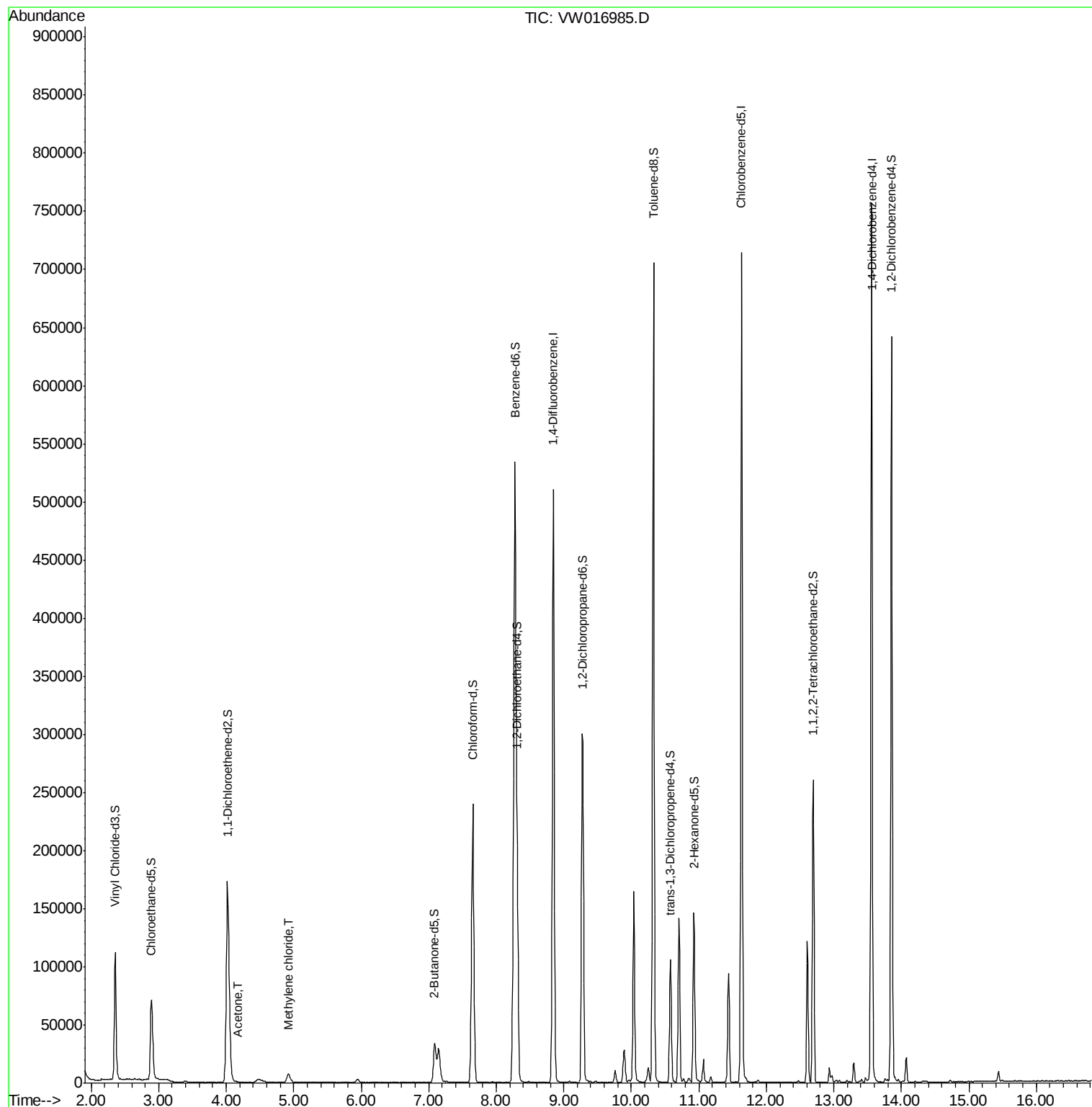
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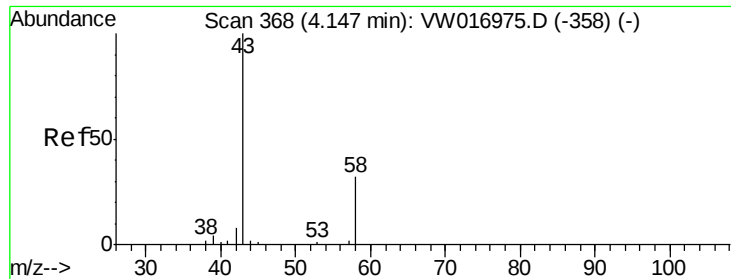
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#13

Acetone

Concen: 2.294 ug/L m

RT: 4.17 min Scan# 372

Delta R.T. 0.02 min

Lab File: VW016985.D

Acq: 23 Oct 2020 16:31

Instrument :

MSVOA_W

ClientSampleId :

VHBLK02

Tot Ion: 43 Resp: 1582

Ion Ratio Lower Upper

43 100

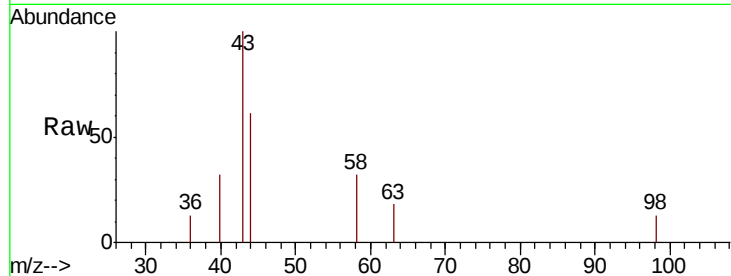
58 14.0 0.0 69.8

Manual Integrations

APPROVED

MMDadoda

10/26/2020 12:31:04 PM



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.17

400

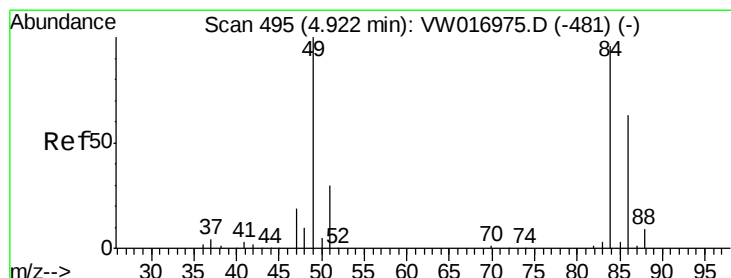
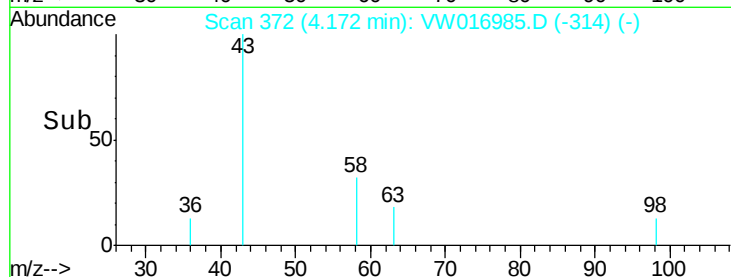
300

200

100

0

Time-->



#16

Methylene chloride

Concen: 1.130 ug/L m

RT: 4.92 min Scan# 494

Delta R.T. -0.01 min

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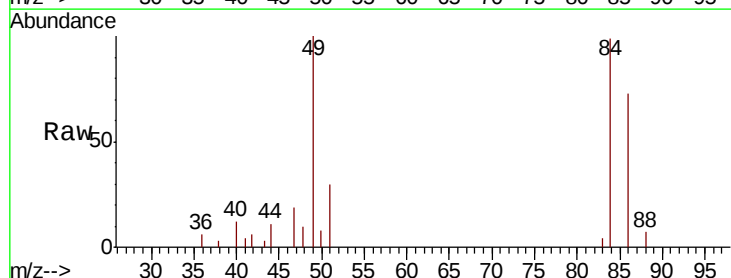
Tgt Ion: 84 Resp: 7044

Ion Ratio Lower Upper

84 100

49 101.5 73.8 137.0

86 74.5 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

2500

2000

1500

1000

500

0

Time-->

