

Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW011321\
 Data File : VW017860.D
 Acq On : 13 Jan 2021 20:13
 Operator : SY/VA
 Sample : M1132-05
 Misc : 6.32G/10ML/MSVOA W/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 F1A04

Manual Integrations
 APPROVED

MMDadoda
 1/15/2021 4:07:15 PM

Quant Time: Jan 14 15:51:40 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM122420S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Jan 14 11:39:57 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	167696	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	154218	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	68622	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	115214	44.40	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	177.60%#
7) Chloroethane-d5	2.89	69	94023	43.91	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	175.64%#
10) 1,1-Dichloroethene-d2	4.02	63	149709	33.12	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	132.48%#
20) 2-Butanone-d5	7.08	46	43658	103.81	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	207.62%#
24) Chloroform-d	7.65	84	201634	46.01	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	184.04%#
26) 1,2-Dichloroethane-d4	8.31	65	117865	51.97	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	207.88%#
29) Benzene-d6	8.27	84	395677	45.55	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	182.20%#
33) 1,2-Dichloropropane-d6	9.27	67	114197	47.69	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	190.76%#
37) Toluene-d8	10.32	98	362757	43.48	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	173.92%#
38) trans-1,3-Dichloropropene-	10.58	79	45097	42.25	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	169.00%#
39) 2-Hexanone-d5	10.93	63	30953	102.93	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	205.86%#
48) 1,1,2,2-Tetrachloroethane-	12.69	84	86235	48.51	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	194.04%#
61) 1,2-Dichlorobenzene-d4	13.85	152	104710	43.82	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	175.28%#

Target Compounds					Ovalue
13) Acetone	4.13	43	2545m	7.008	ug/L
16) Methylene chloride	4.91	84	9317m	3.885	ug/L
47) Tetrachloroethene	10.86	164	7230	3.789	ug/L

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

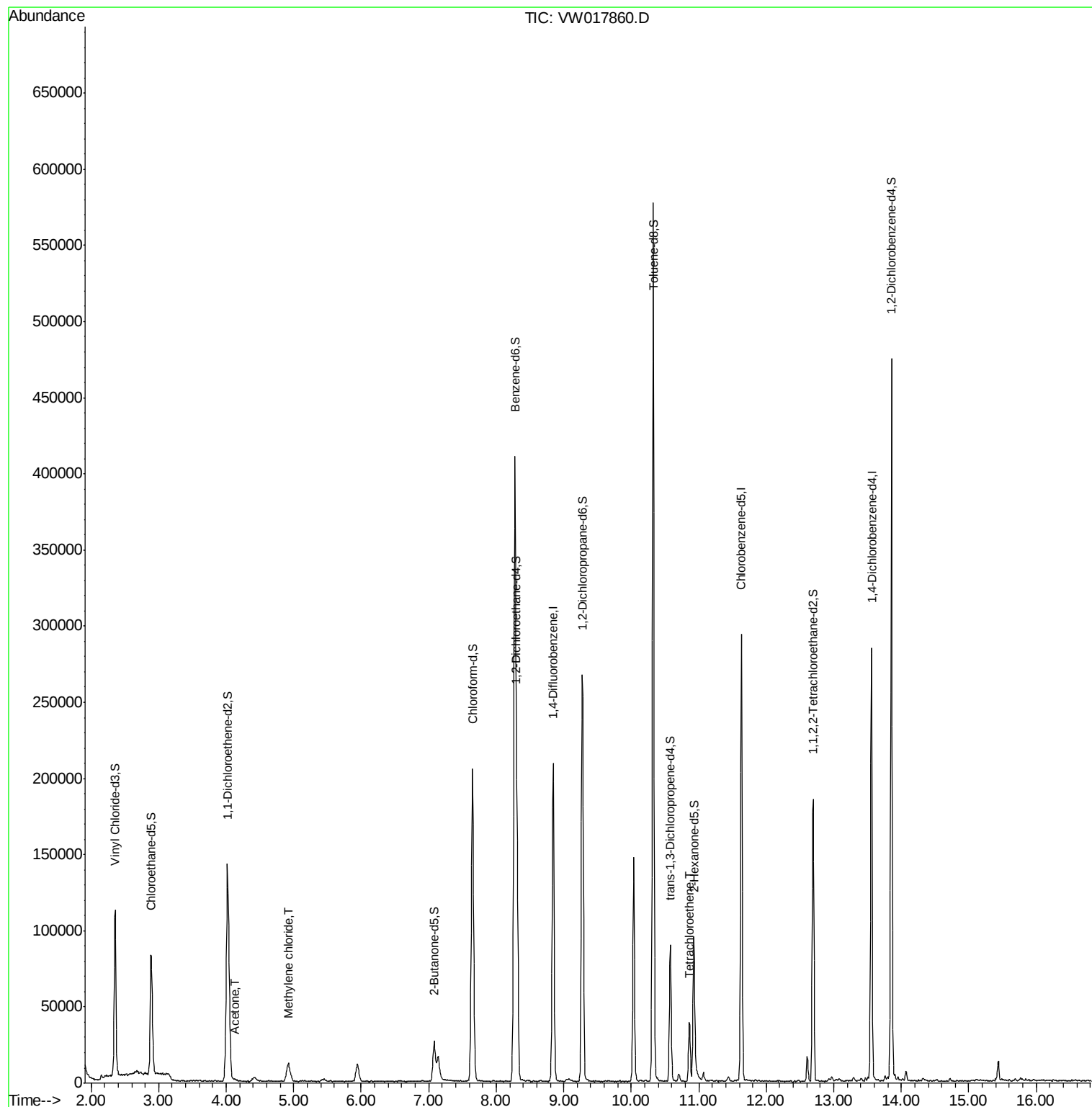
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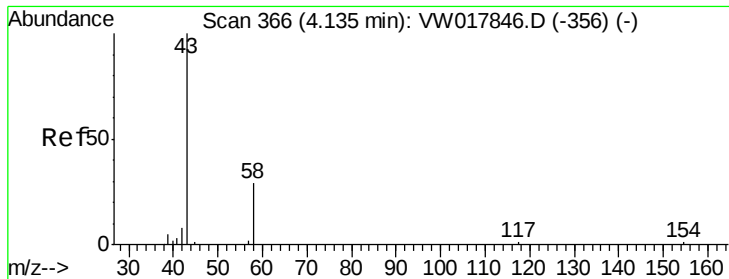
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#13

Acetone

Concen: 7.008 ug/L m

RT: 4.13 min Scan# 365

Delta R.T. -0.01 min

Lab File: VW017860.D

Acq: 13 Jan 2021 20:13

Instrument :

MSVOA_W

ClientSampled :

F1A04

Tot Ion: 43 Resp: 2545

Ion Ratio Lower Upper

43 100

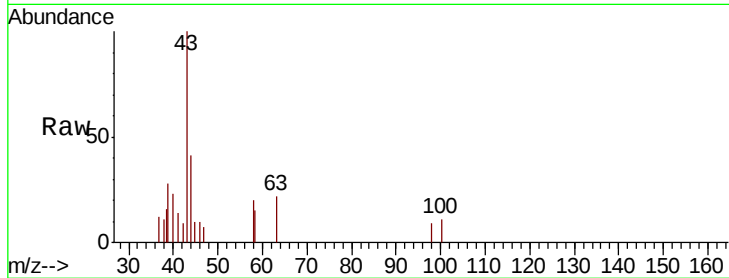
58 18.2 0.0 60.8

Manual Integrations

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Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.13

800

600

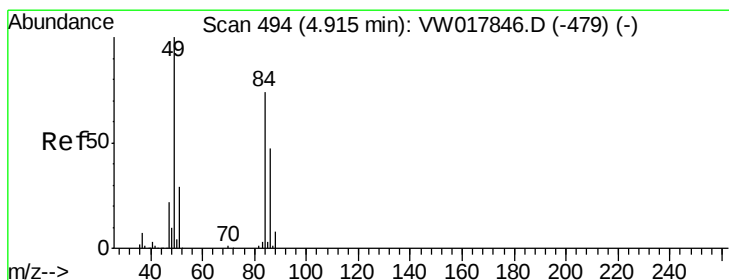
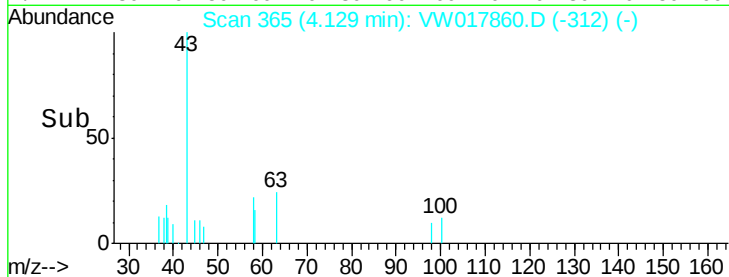
400

200

0

4.10 4.20

Time-->



#16

Methylene chloride

Concen: 3.885 ug/L m

RT: 4.91 min Scan# 493

Delta R.T. -0.01 min

Lab File: VW017860.D

Acq: 13 Jan 2021 20:13

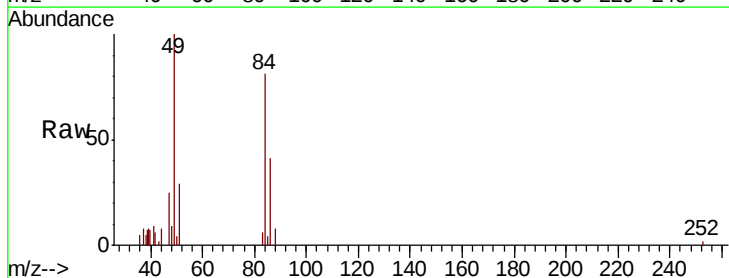
Tgt Ion: 84 Resp: 9317

Ion Ratio Lower Upper

84 100

49 122.7 90.5 168.1

86 49.9 44.8 83.2



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

4.91

4000

3000

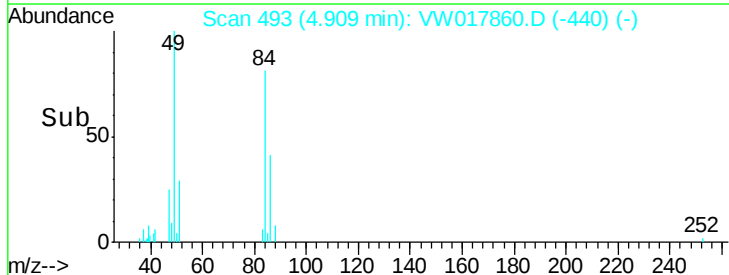
2000

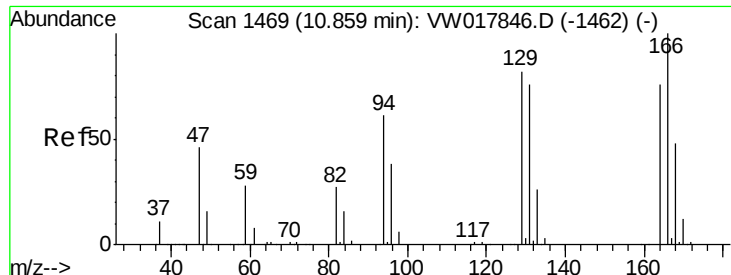
1000

0

4.80 4.90 5.00

Time-->





#47

Tetrachloroethene

Concen: 3.789 ug/L

RT: 10.86 min Scan# 1469

Delta R.T. 0.00 min

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Acq: 13 Jan 2021 20:13

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F1A04

Tot Ion:164 Resp: 7230

Ion Ratio Lower Upper

164 100

129 102.9 62.9 116.9

131 89.7 63.8 118.6

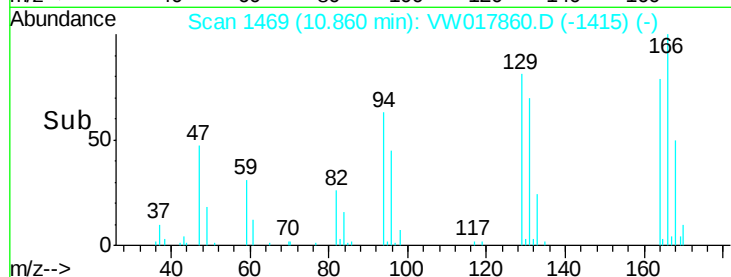
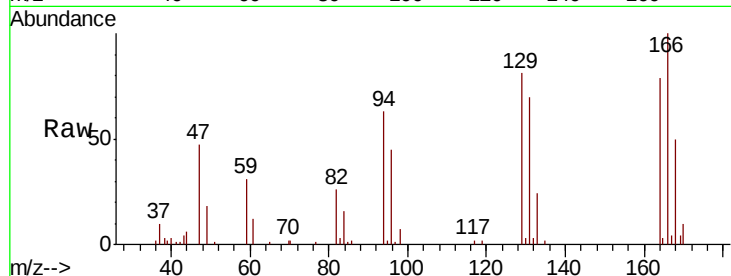
166 127.3 87.4 162.2

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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

