

Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW011321\
 Data File : VW017854.D
 Acq On : 13 Jan 2021 17:52
 Operator : SY/VA
 Sample : M1132-04
 Misc : 3.60G/10ML/MSVOA W/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 F1A03

Manual Integrations
 APPROVED

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 1/15/2021 4:07:02 PM

Quant Time: Jan 14 14:34:56 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	164351	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	149629	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	64362	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	117748	46.30	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	185.20%#
7) Chloroethane-d5	2.89	69	94226	44.90	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	179.60%#
10) 1,1-Dichloroethene-d2	4.02	63	151151	34.12	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	136.48%#
20) 2-Butanone-d5	7.08	46	52536	127.47	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	254.94%#
24) Chloroform-d	7.65	84	202894	47.24	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	188.96%#
26) 1,2-Dichloroethane-d4	8.30	65	122126	54.94	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	219.76%#
29) Benzene-d6	8.27	84	392798	46.60	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	186.40%#
33) 1,2-Dichloropropane-d6	9.27	67	116832	50.29	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	201.16%#
37) Toluene-d8	10.32	98	357160	44.12	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	176.48%#
38) trans-1,3-Dichloropropene-	10.58	79	47303	45.68	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	182.72%#
39) 2-Hexanone-d5	10.93	63	37553	128.71	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	257.42%#
48) 1,1,2,2-Tetrachloroethane-	12.69	84	95373	55.30	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	221.20%#
61) 1,2-Dichlorobenzene-d4	13.85	152	99503	44.40	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	177.60%#

Target Compounds					Ovalue
13) Acetone	4.13	43	3361	9.444 ug/L	81
16) Methylene chloride	4.92	84	8491m	3.613 ug/L	
47) Tetrachloroethene	10.87	164	609	0.329 ug/L	78

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

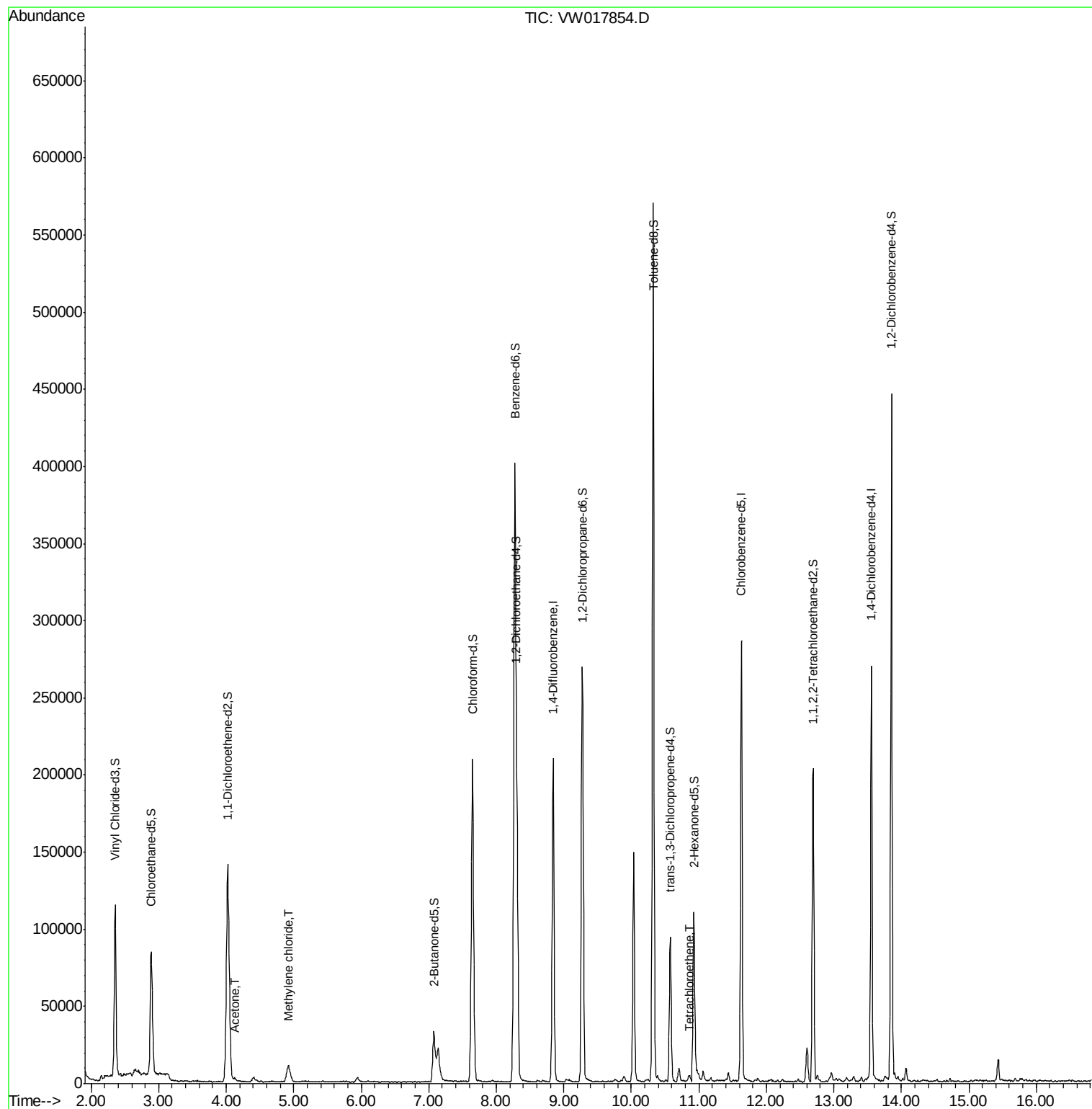
Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW011321\
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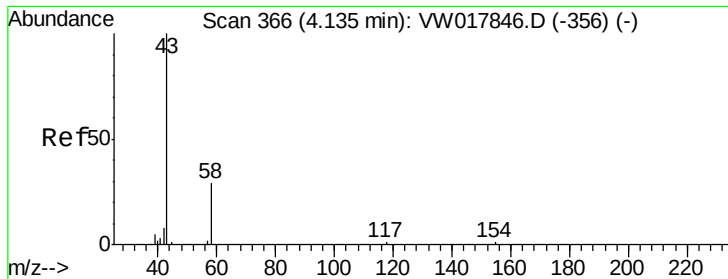
Instrument :
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#13

Acetone

Concen: 9.444 ug/L

RT: 4.13 min Scan# 365

Delta R.T. -0.01 min

Lab File: VW017854.D

Acq: 13 Jan 2021 17:52

Instrument :

MSVOA_W

ClientSampled :

F1A03

Tot Ion: 43 Resp: 3361

Ion Ratio Lower Upper

43 100

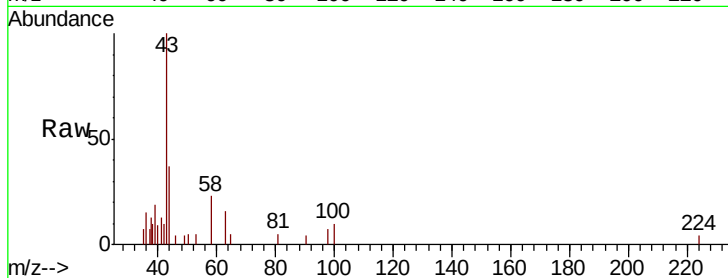
58 20.1 0.0 60.8

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

1500

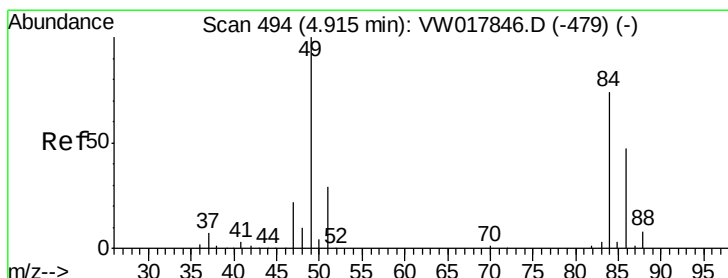
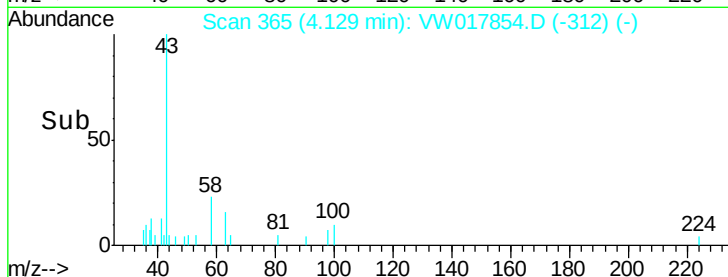
1000

500

0

4.05 4.10 4.15 4.20

Time-->



#16

Methylene chloride

Concen: 3.613 ug/L m

RT: 4.92 min Scan# 495

Delta R.T. 0.01 min

Lab File: VW017854.D

Acq: 13 Jan 2021 17:52

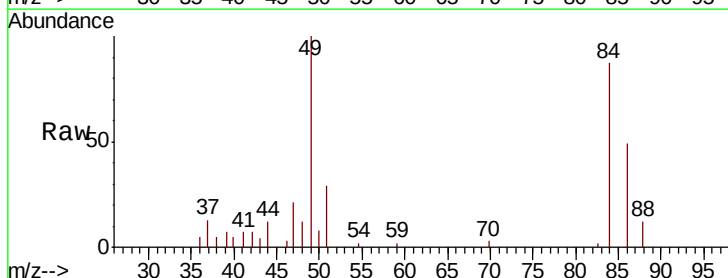
Tgt Ion: 84 Resp: 8491

Ion Ratio Lower Upper

84 100

49 114.5 90.5 168.1

86 56.5 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

4000

3000

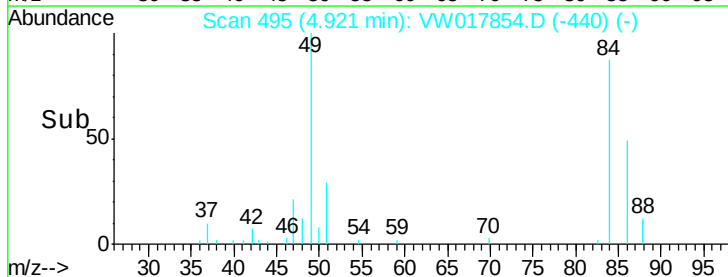
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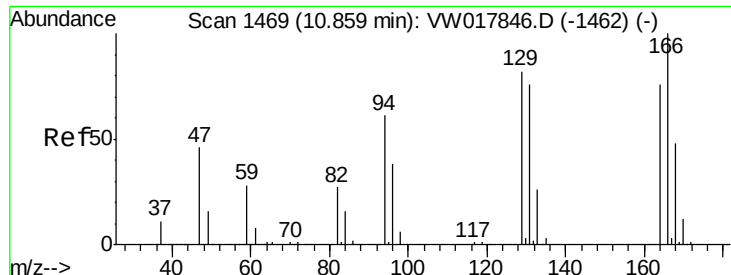
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0

4.80 4.90 5.00

Time-->





#47
 Tetrachloroethene
 Concen: 0.329 ug/L
 RT: 10.87 min Scan# 1470
 Delta R.T. 0.01 min
 Lab File: VW017854.D
 Acq: 13 Jan 2021 17:52

Instrument :
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 ClientSampleId :
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Tot Ion:	164	Resp:	609
Ion	Ratio	Lower	Upper
164	100		
129	109.9	62.9	116.9
131	82.1	63.8	118.6
166	87.7	87.4	162.2

Manual Integrations
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