

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW120720\
 Data File : VW017578.D
 Acq On : 07 Dec 2020 14:42
 Operator : SY/VA
 Sample : L4955-04
 Misc : 4.20G/10ML/MSVOA W/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BG4J9

Manual Integrations
 APPROVED

MMDadoda
 12/21/2020 9:27:41 AM

Quant Time: Dec 20 04:53:27 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM112420S.M
 Quant Title : VOC Analysis
 QLast Update : Sun Dec 20 03:53:49 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	421516	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	396937	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	196795	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	102808	18.54	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	74.16%
7) Chloroethane-d5	2.89	69	94292	20.15	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	80.60%
10) 1,1-Dichloroethene-d2	4.03	63	186820	15.13	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	60.52%
20) 2-Butanone-d5	7.08	46	56886	48.65	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	97.30%
24) Chloroform-d	7.65	84	278257	23.24	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	92.96%
26) 1,2-Dichloroethane-d4	8.31	65	143779m	24.47	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	97.88%
29) Benzene-d6	8.28	84	527617	21.62	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	86.48%
33) 1,2-Dichloropropane-d6	9.28	67	153050	22.66	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	90.64%
37) Toluene-d8	10.33	98	482384	21.70	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	86.80%
38) trans-1,3-Dichloropropene-	10.58	79	62341	20.66	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	82.64%
39) 2-Hexanone-d5	10.93	63	35419	42.37	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	84.74%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	113754	23.41	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	93.64%
61) 1,2-Dichlorobenzene-d4	13.86	152	170461	23.40	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	93.60%

Target Compounds					Ovalue
13) Acetone	4.12	43	3302m	2.935 ug/L	
16) Methylene chloride	4.92	84	29764	4.703 ug/L	96

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

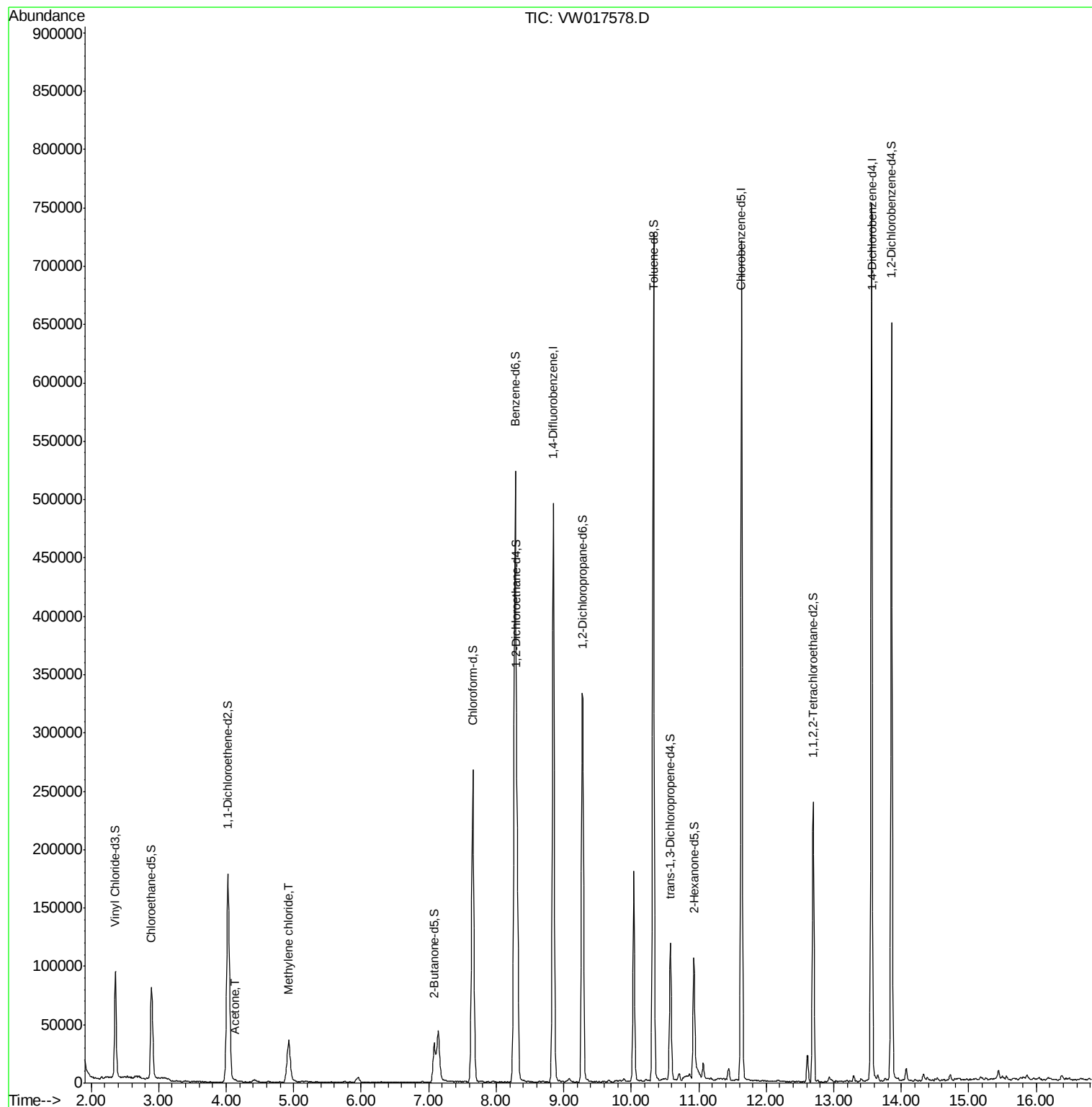
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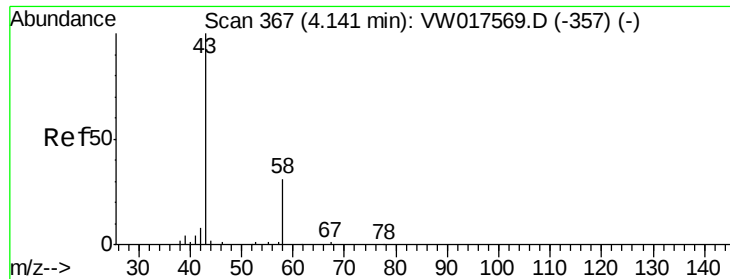
Instrument :
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#13

Acetone

Concen: 2.935 ug/L m

RT: 4.12 min Scan# 364

Delta R.T. -0.02 min

Lab File: VW017578.D

Acq: 07 Dec 2020 14:42

Tot Ion: 43 Resp: 3302

Ion Ratio Lower Upper

43 100

58 12.2 0.0 68.4

Instrument :

MSVOA_W

ClientSampled :

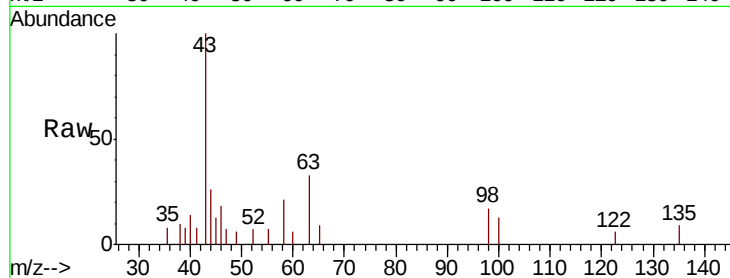
BG4J9

Manual Integrations

APPROVED

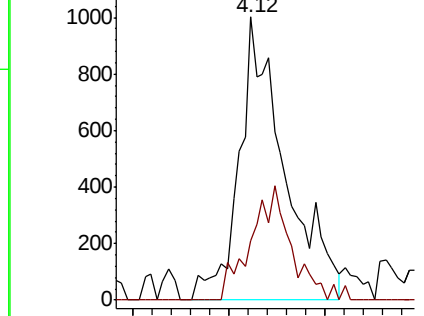
MMDadoda

12/21/2020 9:27:41 AM

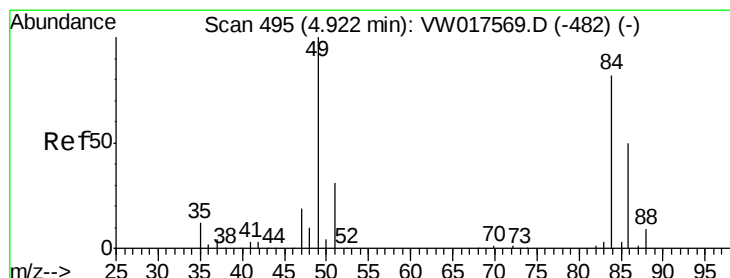
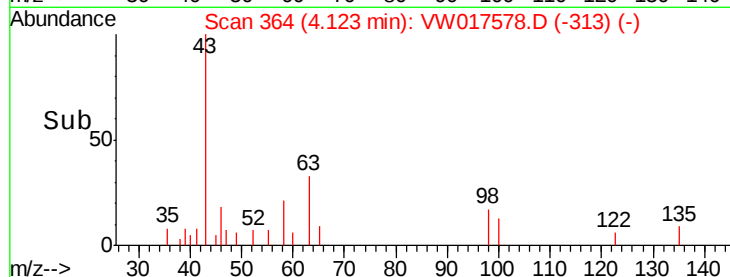


Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



Time-->



#16

Methylene chloride

Concen: 4.703 ug/L

RT: 4.92 min Scan# 495

Delta R.T. 0.00 min

Lab File: VW017578.D

Acq: 07 Dec 2020 14:42

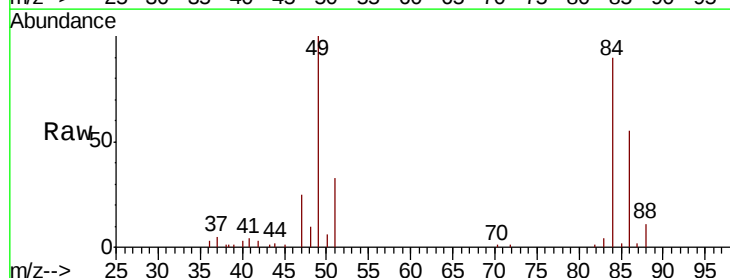
Tgt Ion: 84 Resp: 29764

Ion Ratio Lower Upper

84 100

49 110.8 81.2 150.8

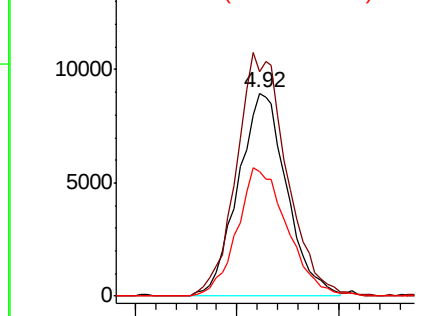
86 61.4 44.5 82.7



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



Time-->

