

Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW011321\
 Data File : VW017853.D
 Acq On : 13 Jan 2021 17:29
 Operator : SY/VA
 Sample : M1132-02
 Misc : 4.05G/10ML/MSVOA W/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 F1A01

Manual Integrations
 APPROVED

MMDadoda
 1/15/2021 4:07:00 PM

Quant Time: Jan 14 15:44:39 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	333430	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	287015	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.55	152	106905	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	135484	26.26	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	105.04%
7) Chloroethane-d5	2.89	69	117002	27.48	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	109.92%
10) 1,1-Dichloroethene-d2	4.02	63	175953	19.58	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	78.32%
20) 2-Butanone-d5	7.09	46	47489	56.79	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	113.58%
24) Chloroform-d	7.65	84	228444	26.22	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	104.88%
26) 1,2-Dichloroethane-d4	8.31	65	129348	28.68	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	114.72%
29) Benzene-d6	8.27	84	445511	27.56	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	110.24%
33) 1,2-Dichloropropane-d6	9.27	67	129664	29.09	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	116.36%
37) Toluene-d8	10.32	98	403989	26.02	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	104.08%
38) trans-1,3-Dichloropropene-	10.58	79	48768	24.55	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	98.20%
39) 2-Hexanone-d5	10.93	63	32736	58.49	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	116.98%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	90491	27.35	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	109.40%
61) 1,2-Dichlorobenzene-d4	13.85	152	88860	23.87	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	95.48%

Target Compounds					Ovalue
13) Acetone	4.14	43	4452m	6.166 ug/L	
16) Methylene chloride	4.92	84	9220	1.934 ug/L	96

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

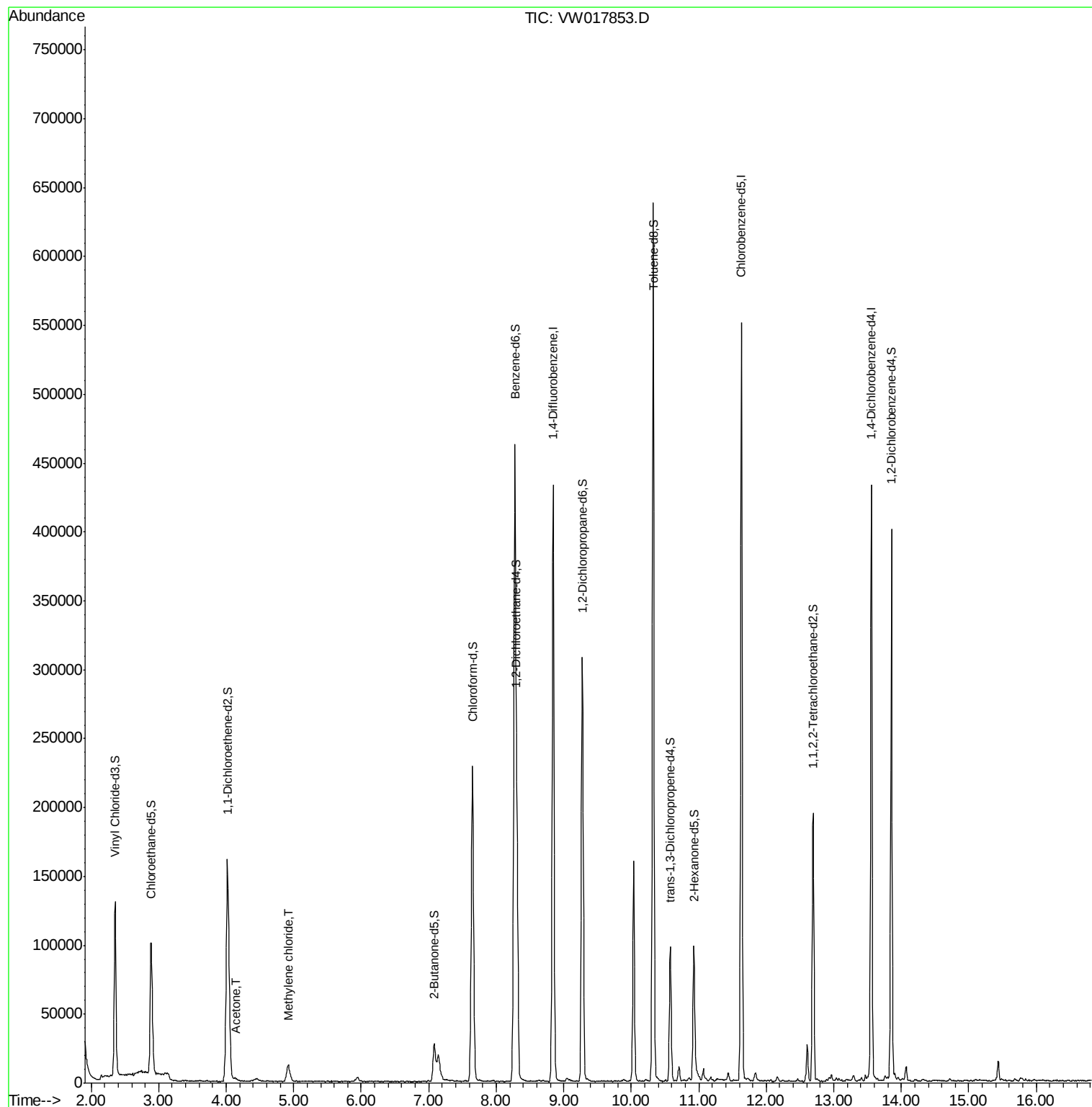
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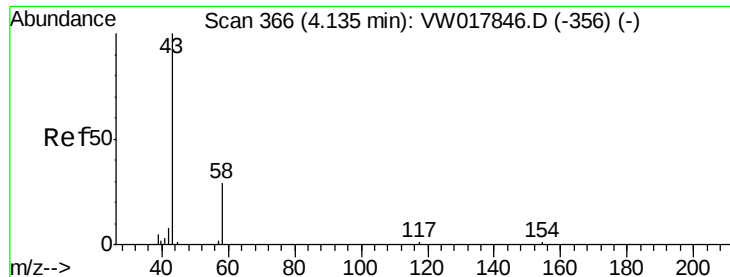
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#13

Acetone

Concen: 6.166 ug/L m

RT: 4.14 min Scan# 367

Delta R.T. 0.01 min

Lab File: VW017853.D

Acq: 13 Jan 2021 17:29

Tot Ion: 43 Resp: 4452

Ion Ratio Lower Upper

43 100

58 16.9 0.0 60.8

Instrument :

MSVOA_W

ClientSampleId :

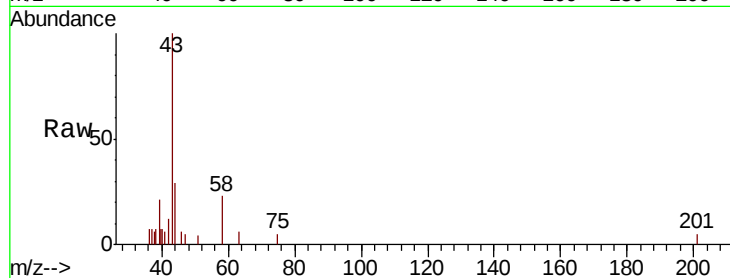
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Manual Integrations

APPROVED

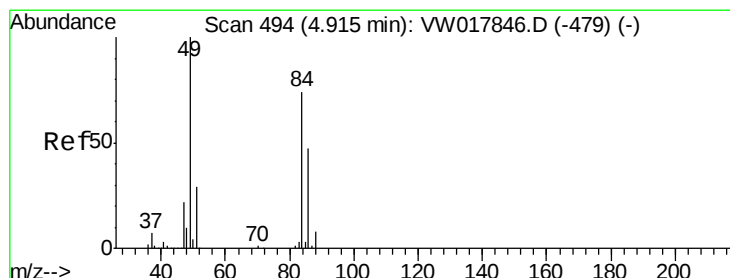
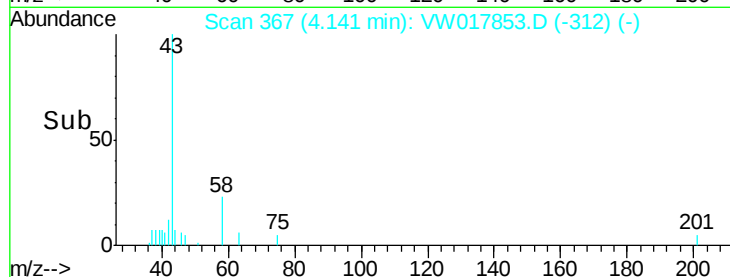
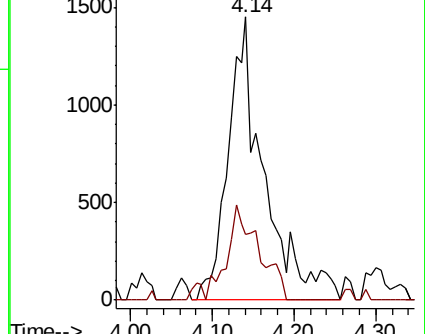
MMDadoda

1/15/2021 4:07:00 PM



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#16

Methylene chloride

Concen: 1.934 ug/L

RT: 4.92 min Scan# 495

Delta R.T. 0.01 min

Lab File: VW017853.D

Acq: 13 Jan 2021 17:29

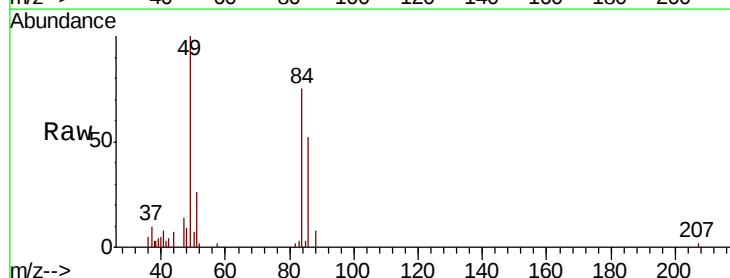
Tgt Ion: 84 Resp: 9220

Ion Ratio Lower Upper

84 100

49 132.9 90.5 168.1

86 68.5 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

