

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW011421\
 Data File : VW017887.D
 Acq On : 14 Jan 2021 18:02
 Operator : SY/VA
 Sample : M1132-17
 Misc : 5.70G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 F1A15

Manual Integrations
 APPROVED

MMDadoda
 1/15/2021 6:29:17 PM

Quant Time: Jan 15 00:32:04 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM122420S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Jan 14 21:44:45 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	283778	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	235322	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	83333	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	92864	21.15	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	84.60%
7) Chloroethane-d5	2.89	69	79938	22.06	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	88.24%
10) 1,1-Dichloroethene-d2	4.03	63	121230	15.85	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	63.40%
20) 2-Butanone-d5	7.08	46	40908	57.48	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	114.96%
24) Chloroform-d	7.65	84	165594	22.33	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	89.32%
26) 1,2-Dichloroethane-d4	8.30	65	99288	25.87	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	103.48%
29) Benzene-d6	8.27	84	317225	23.93	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	95.72%
33) 1,2-Dichloropropane-d6	9.27	67	94900	25.97	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	103.88%
37) Toluene-d8	10.32	98	277611	21.81	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	87.24%
38) trans-1,3-Dichloropropene-	10.58	79	33456	20.54	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	82.16%
39) 2-Hexanone-d5	10.93	63	27675	60.31	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	120.62%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	73867	27.23	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	108.92%
61) 1,2-Dichlorobenzene-d4	13.85	152	62405	21.50	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	86.00%

Target Compounds				Ovalue
13) Acetone	4.13	43	2449m	3.985 ug/L
16) Methylene chloride	4.92	84	8970	2.210 ug/L # 86

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

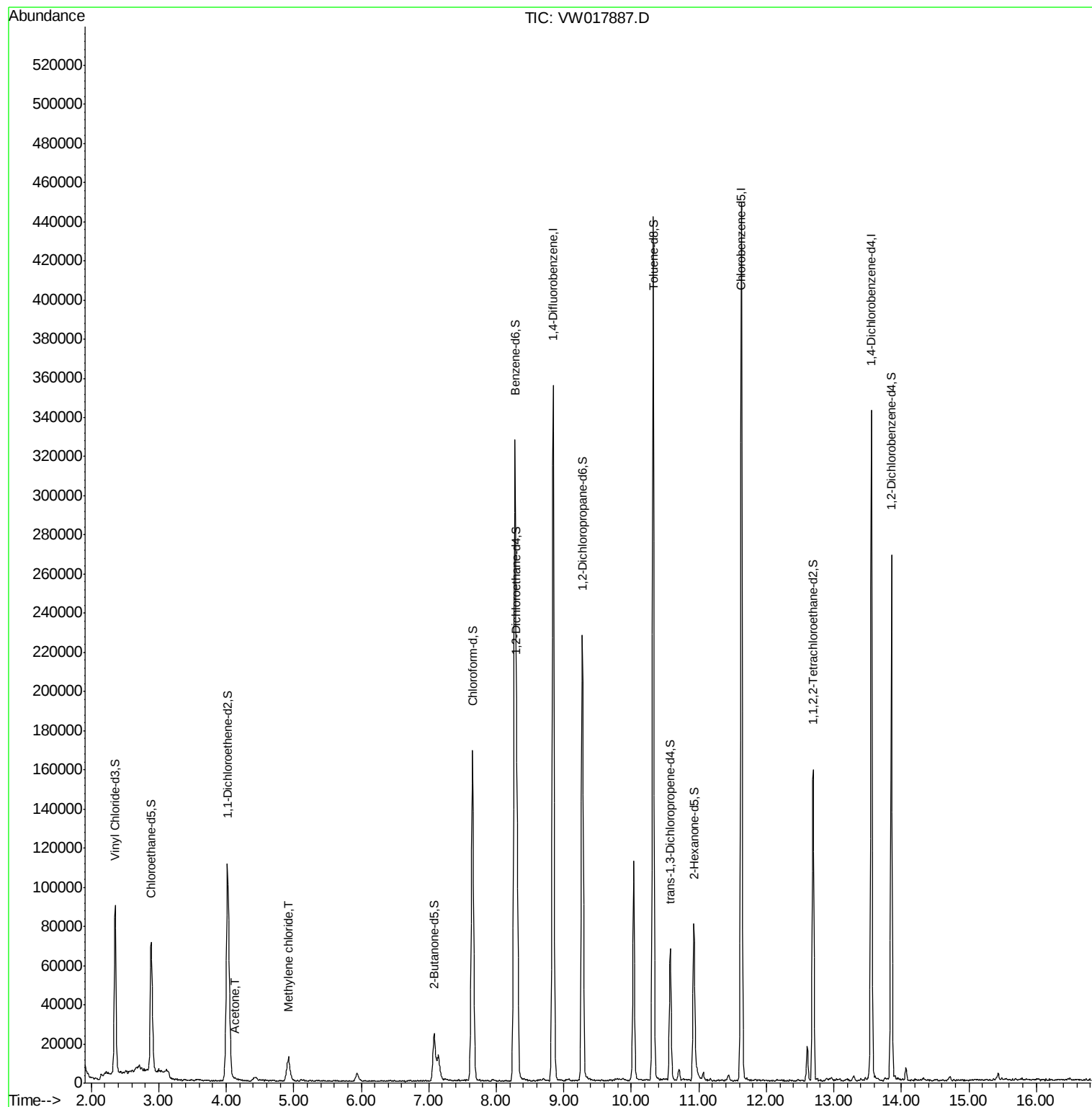
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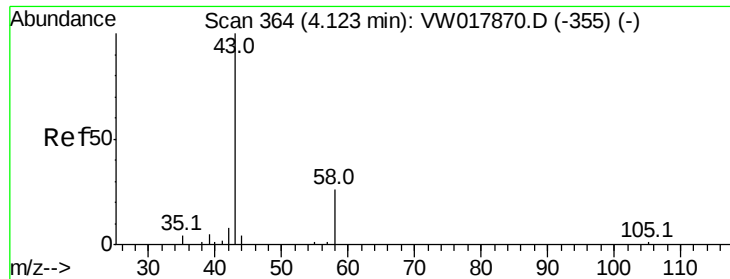
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#13

Acetone

Concen: 3.985 ug/L m

RT: 4.13 min Scan# 366

Delta R.T. 0.01 min

Lab File: VW017887.D

Acq: 14 Jan 2021 18:02

Instrument :

MSVOA_W

ClientSampled :

F1A15

Tot Ion: 43 Resp: 2449

Ion Ratio Lower Upper

43 100

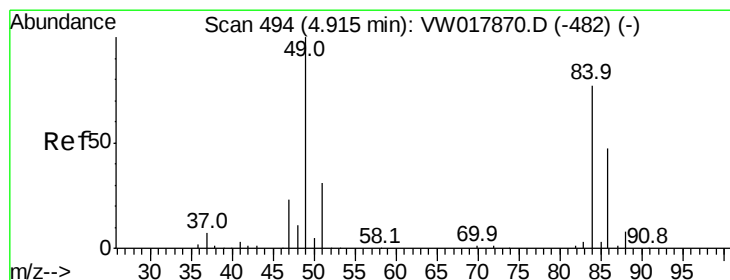
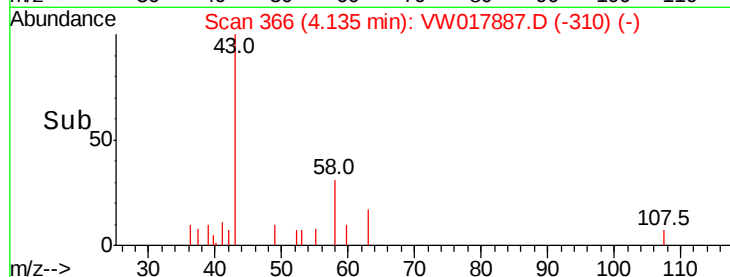
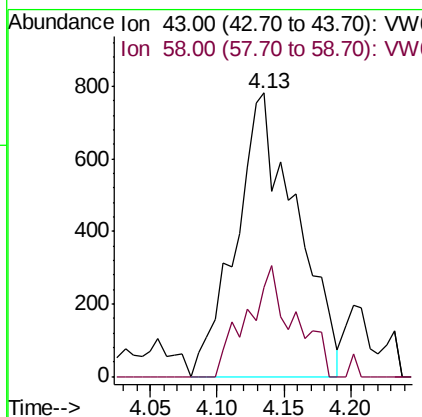
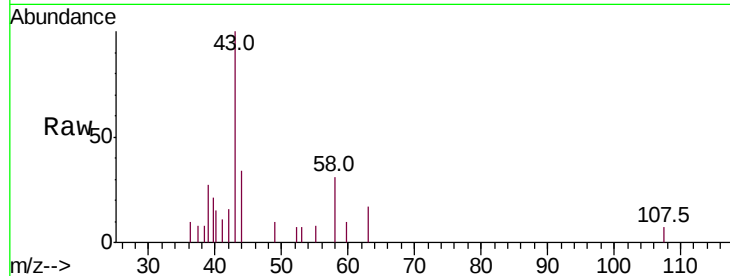
58 22.6 0.0 60.8

Manual Integrations

APPROVED

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1/15/2021 6:29:17 PM



#16

Methylene chloride

Concen: 2.210 ug/L

RT: 4.92 min Scan# 494

Delta R.T. 0.00 min

Lab File: VW017887.D

Acq: 14 Jan 2021 18:02

Tgt Ion: 84 Resp: 8970

Ion Ratio Lower Upper

84 100

49 120.1 90.5 168.1

86 42.6 44.8 83.2#

