

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW112520\
 Data File : VW017495.D
 Acq On : 25 Nov 2020 11:56
 Operator : SY/VA
 Sample : L4860-01
 Misc : 5.33G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 C0AZ9

Manual Integrations
 APPROVED

MMDadoda
 11/27/2020 1:20:19 PM

Quant Time: Nov 26 07:32:34 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM112420S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Nov 26 07:23:09 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	547872	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	462758	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.55	152	196694	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	125723	17.44	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	69.76%
7) Chloroethane-d5	2.89	69	110935	18.24	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	72.96%
10) 1,1-Dichloroethene-d2	4.02	63	234096	14.59	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	58.36%
20) 2-Butanone-d5	7.08	46	51911	34.16	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	68.32%
24) Chloroform-d	7.65	84	311451	20.01	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	80.04%
26) 1,2-Dichloroethane-d4	8.31	65	155813	20.40	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	81.60%
29) Benzene-d6	8.27	84	595655	20.93	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	83.72%
33) 1,2-Dichloropropane-d6	9.27	67	168702	21.43	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	85.72%
37) Toluene-d8	10.32	98	528836	20.41	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	81.64%
38) trans-1,3-Dichloropropene-	10.58	79	65583	18.64	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	74.56%
39) 2-Hexanone-d5	10.93	63	33529	34.40	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	68.80%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	101348	17.89	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	71.56%
61) 1,2-Dichlorobenzene-d4	13.85	152	149007	20.46	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	81.84%

Target Compounds					Ovalue
13) Acetone	4.14	43	2683m	1.835 ug/L	
16) Methylene chloride	4.92	84	28734	3.493 ug/L	99

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

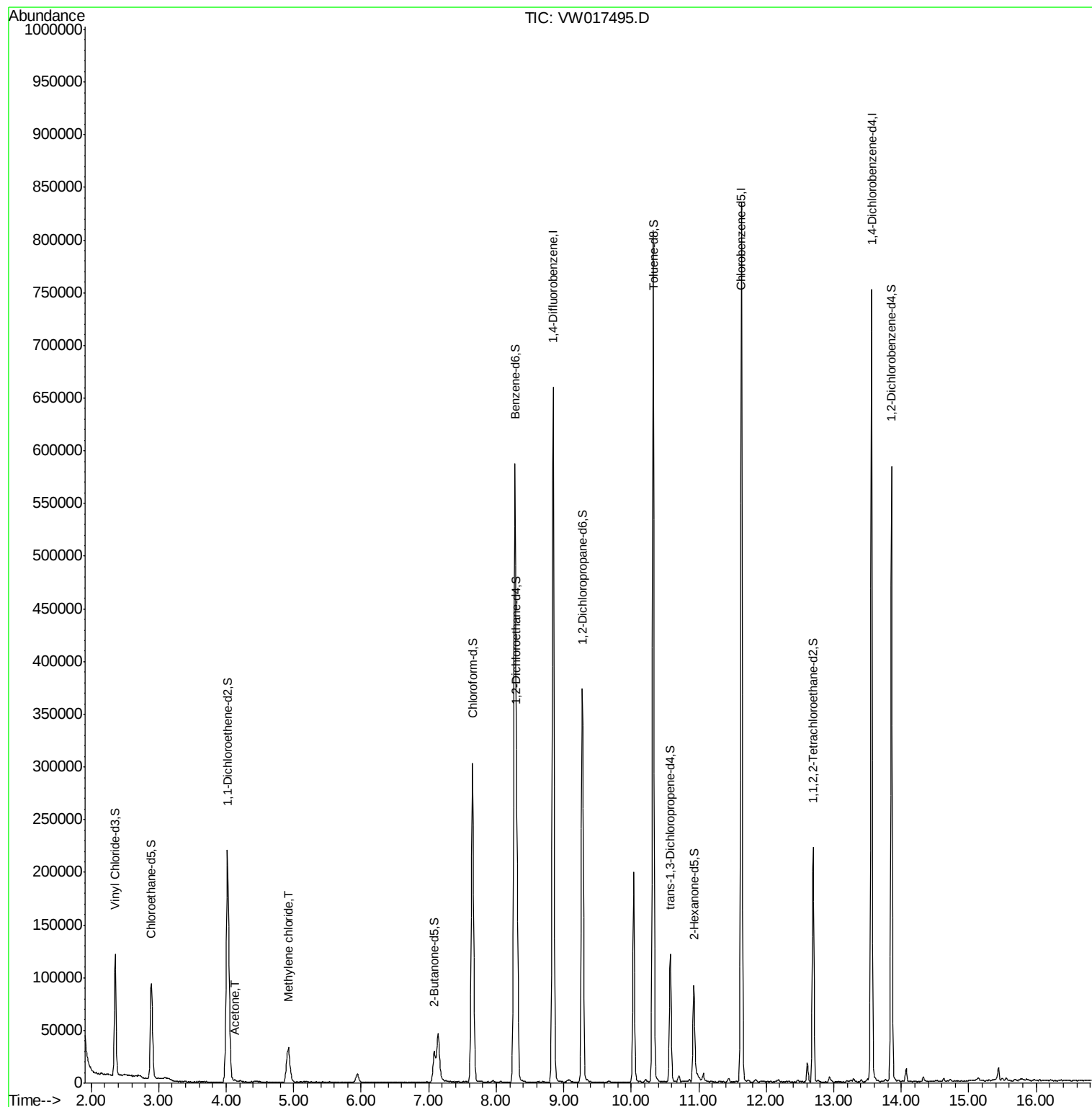
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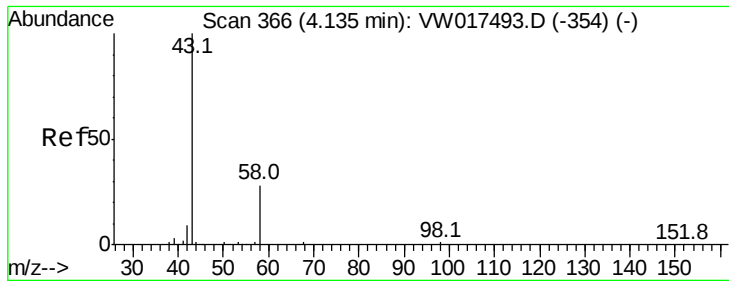
Instrument :
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#13

Acetone

Concen: 1.835 ug/L m

RT: 4.14 min Scan# 367

Delta R.T. 0.01 min

Lab File: VW017495.D

Acq: 25 Nov 2020 11:56

Tot Ion: 43 Resp: 2683

Ion Ratio Lower Upper

43 100

58 20.1 0.0 68.4

Instrument :

MSVOA_W

ClientSampled :

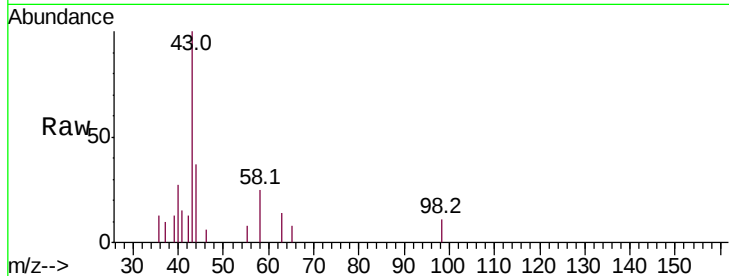
C0AZ9

Manual Integrations

APPROVED

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11/27/2020 1:20:19 PM



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.14

800

600

400

200

0

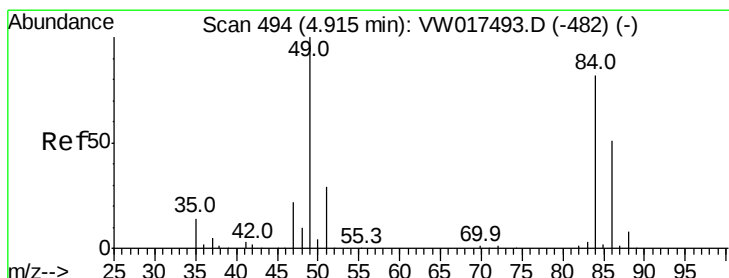
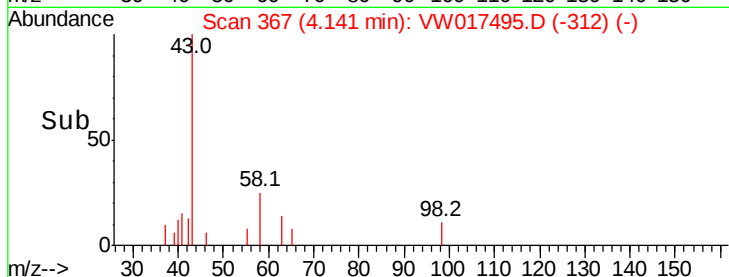
4.05

4.10

4.15

4.20

Time-->



#16

Methylene chloride

Concen: 3.493 ug/L

RT: 4.92 min Scan# 495

Delta R.T. 0.01 min

Lab File: VW017495.D

Acq: 25 Nov 2020 11:56

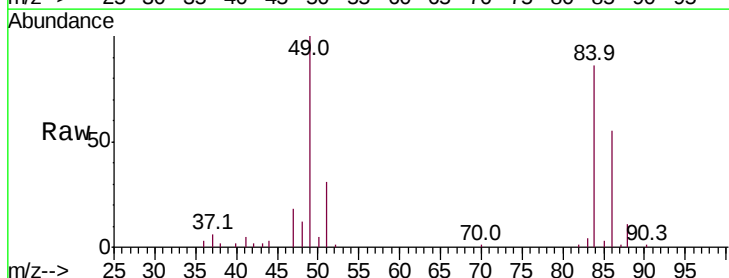
Tgt Ion: 84 Resp: 28734

Ion Ratio Lower Upper

84 100

49 116.2 81.2 150.8

86 64.4 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

4.92

10000

5000

0

4.80

4.90

5.00

Time-->

