

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW111920\
 Data File : VW017399.D
 Acq On : 20 Nov 2020 03:04
 Operator : SY/VA
 Sample : L4794-19
 Misc : 5.17G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 C0BH2

Manual Integrations
 APPROVED

MMDadoda
 11/23/2020 1:44:42 PM

Quant Time: Nov 20 06:04:27 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM111820S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Nov 20 04:37:10 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	360910	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	312851	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	119338	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	123365	23.09	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	92.36%
7) Chloroethane-d5	2.89	69	104777	24.69	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	98.76%
10) 1,1-Dichloroethene-d2	4.02	63	158438	16.95	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	67.80%
20) 2-Butanone-d5	7.08	46	33032	37.64	ug/L	-0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	=	75.28%
24) Chloroform-d	7.65	84	239206	25.23	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	100.92%
26) 1,2-Dichloroethane-d4	8.31	65	114814	25.06	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	100.24%
29) Benzene-d6	8.27	84	447433	25.37	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	101.48%
33) 1,2-Dichloropropane-d6	9.27	67	127316	27.10	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	108.40%
37) Toluene-d8	10.33	98	410787	24.74	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	98.96%
38) trans-1,3-Dichloropropene-	10.58	79	38382	18.76	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	75.04%
39) 2-Hexanone-d5	10.93	63	21191	33.64	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	67.28%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	84942	23.86	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	95.44%
61) 1,2-Dichlorobenzene-d4	13.85	152	114148	25.91	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	103.64%

Target Compounds					Ovalue
13) Acetone	4.13	43	1362m	2.127 ug/L	
16) Methylene chloride	4.92	84	29053	4.706 ug/L	97

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

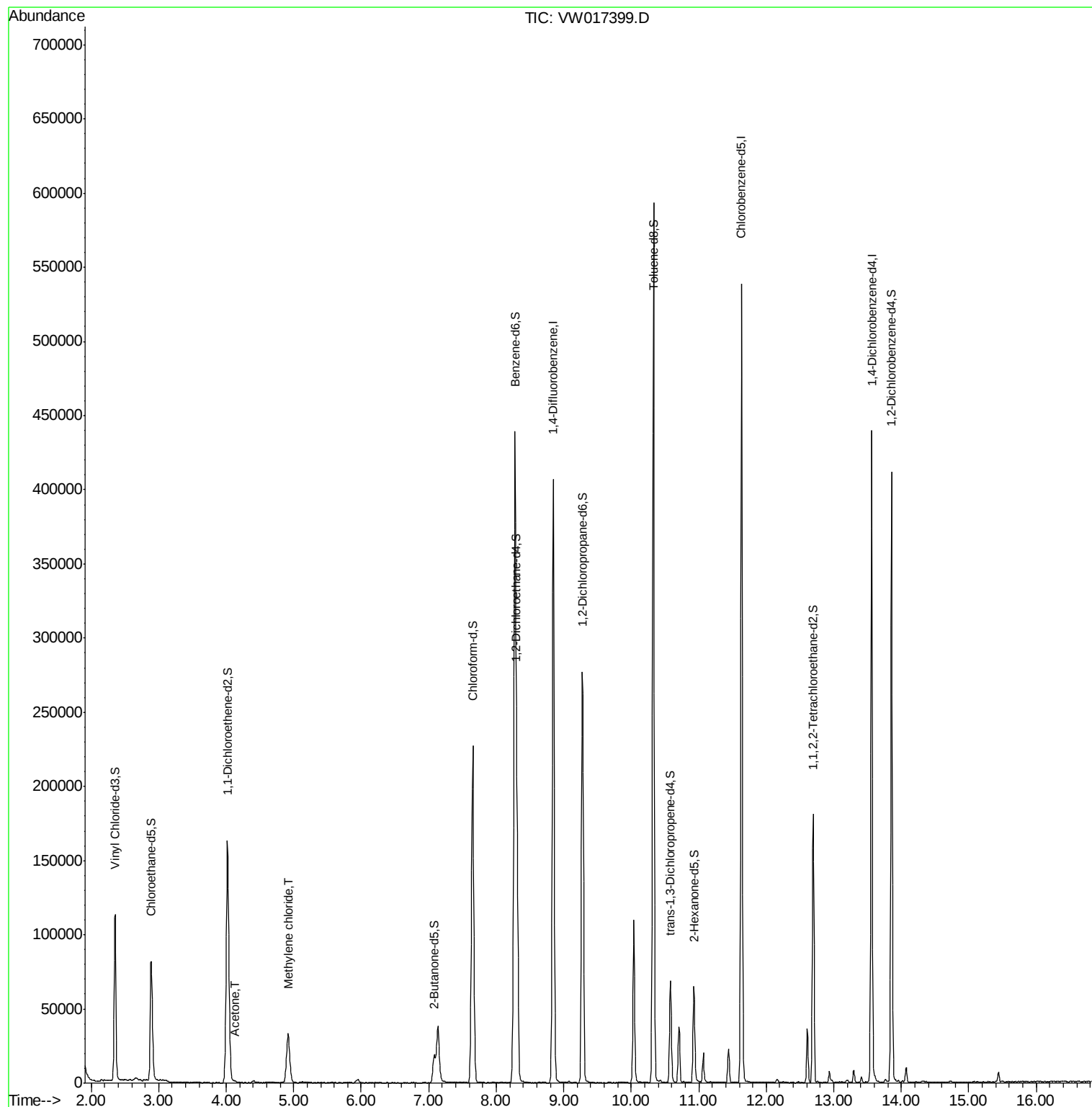
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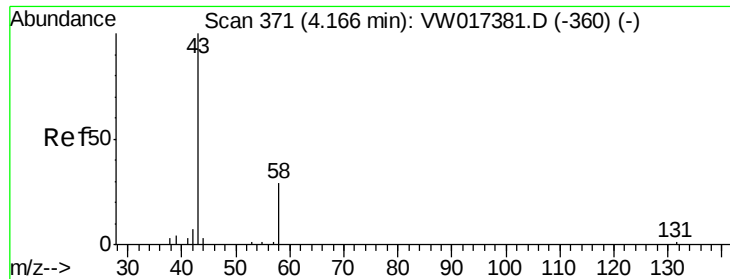
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#13

Acetone

Concen: 2.127 ug/L m

RT: 4.13 min Scan# 365

Delta R.T. -0.04 min

Lab File: VW017399.D

Acq: 20 Nov 2020 03:04

Tot Ion: 43 Resp: 1362

Ion Ratio Lower Upper

43 100

58 12.1 0.0 67.0

Instrument :

MSVOA_W

ClientSampled :

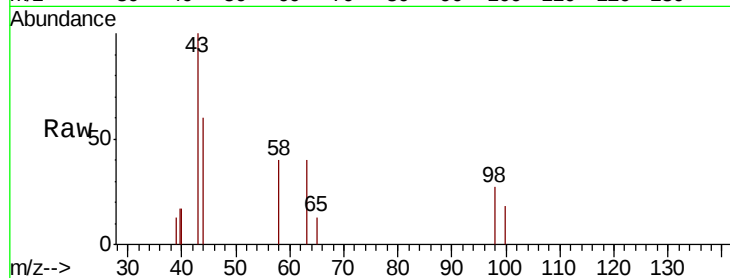
C0BH2

Manual Integrations

APPROVED

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11/23/2020 1:44:42 PM



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.13

500

400

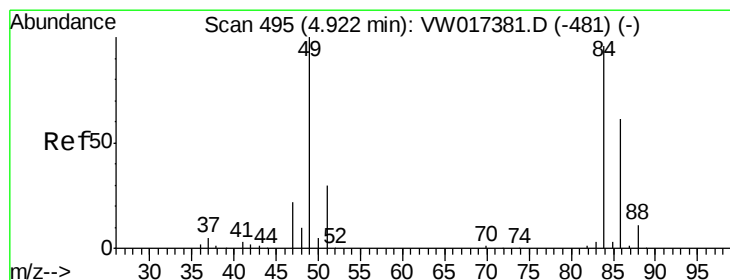
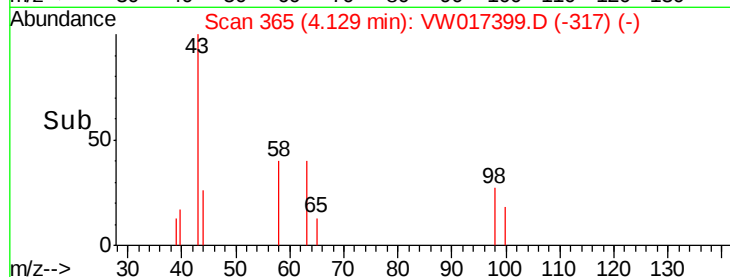
300

200

100

0

Time-->



#16

Methylene chloride

Concen: 4.706 ug/L

RT: 4.92 min Scan# 495

Delta R.T. -0.00 min

Lab File: VW017399.D

Acq: 20 Nov 2020 03:04

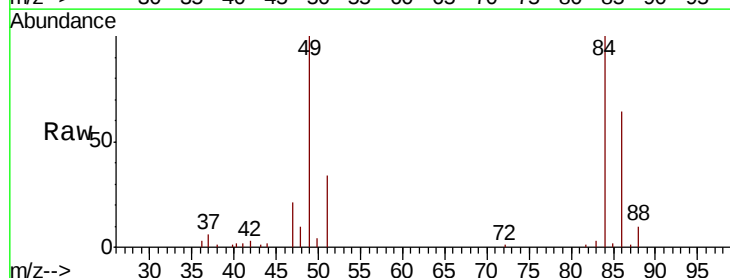
Tgt Ion: 84 Resp: 29053

Ion Ratio Lower Upper

84 100

49 100.1 71.5 132.9

86 63.6 42.8 79.4



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

12000

10000

8000

6000

4000

2000

0

Time-->

