

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW111920\
 Data File : VW017389.D
 Acq On : 19 Nov 2020 23:09
 Operator : SY/VA
 Sample : L4794-10
 Misc : 5.63G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 C0BC4

Manual Integrations
 APPROVED

MMDadoda
 11/23/2020 1:44:15 PM

Quant Time: Nov 20 05:30:59 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	8.84	114	321873	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	308133	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	136807	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	106631	22.38	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	89.52%
7) Chloroethane-d5	2.89	69	90127	23.81	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	95.24%
10) 1,1-Dichloroethene-d2	4.02	63	147708	17.72	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	70.88%
20) 2-Butanone-d5	7.08	46	46012	58.80	ug/L	-0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	=	117.60%
24) Chloroform-d	7.65	84	221683	26.22	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	104.88%
26) 1,2-Dichloroethane-d4	8.31	65	118946	29.11	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	116.44%
29) Benzene-d6	8.27	84	429934	24.75	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	99.00%
33) 1,2-Dichloropropane-d6	9.27	67	122546	26.48	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	105.92%
37) Toluene-d8	10.33	98	396840	24.27	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	97.08%
38) trans-1,3-Dichloropropene-	10.58	79	49882	24.76	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	99.04%
39) 2-Hexanone-d5	10.93	63	35299	56.89	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	113.78%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	99992	28.51	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	114.04%
61) 1,2-Dichlorobenzene-d4	13.85	152	137194	27.17	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	108.68%

Target Compounds					Ovalue
13) Acetone	4.13	43	2158m	3.780 ug/L	
16) Methylene chloride	4.91	84	21128	3.838 ug/L	98

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

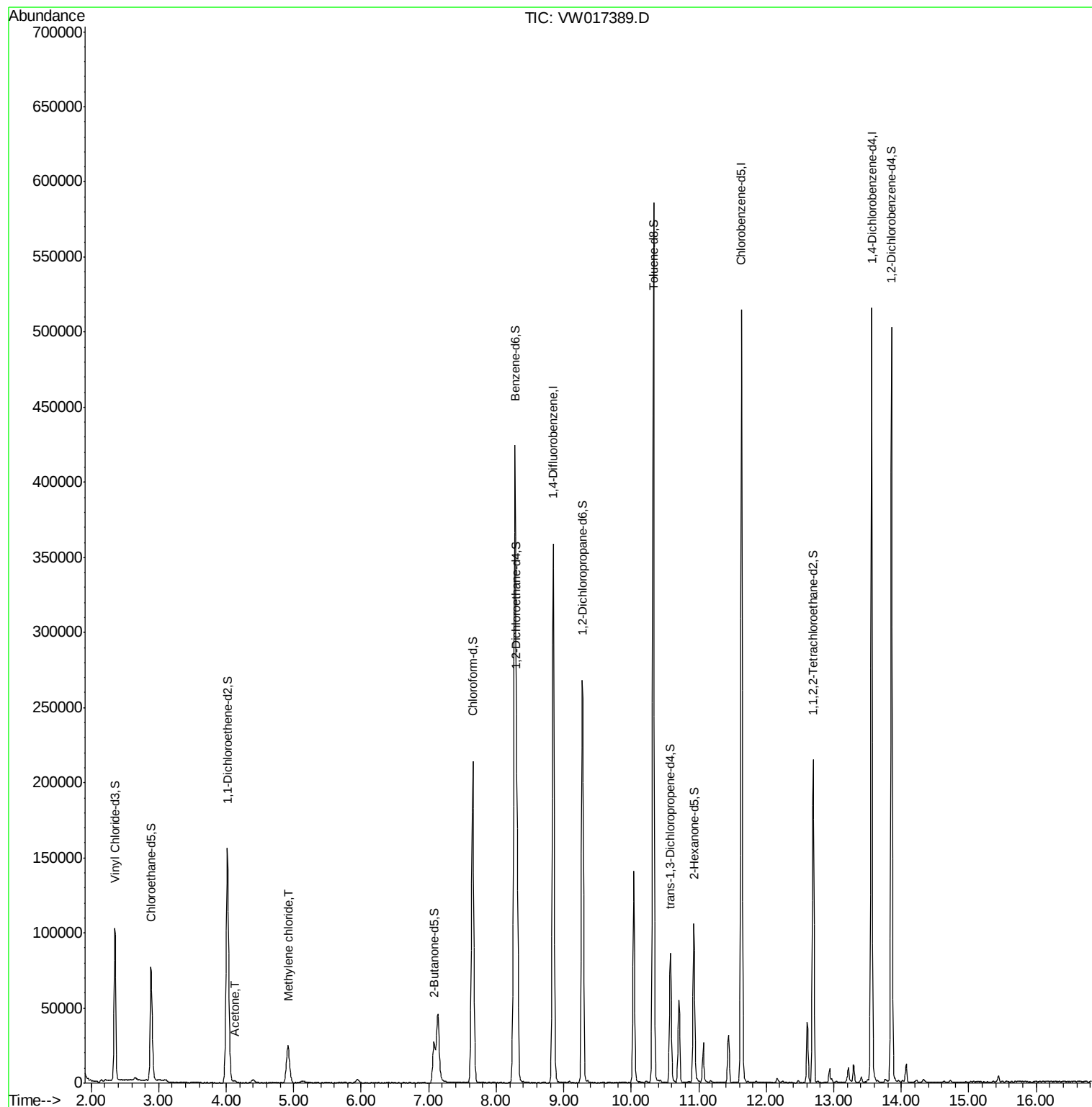
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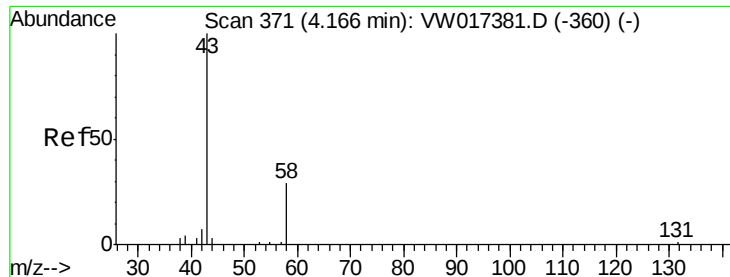
Instrument :
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#13

Acetone

Concen: 3.780 ug/L m

RT: 4.13 min Scan# 365

Delta R.T. -0.04 min

Lab File: VW017389.D

Acq: 19 Nov 2020 23:09

Instrument :

MSVOA_W

ClientSampleId :

C0BC4

Tot Ion: 43 Resp: 2158

Ion Ratio Lower Upper

43 100

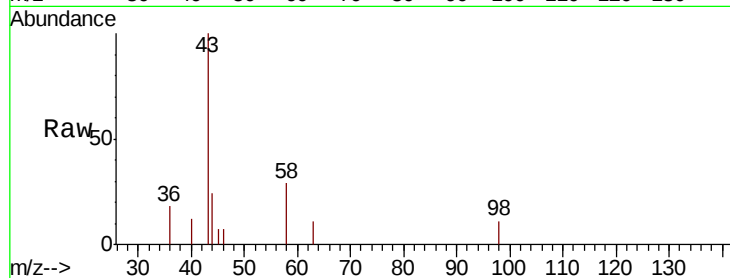
58 1.7 0.0 67.0

Manual Integrations

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11/23/2020 1:44:15 PM



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.13

800

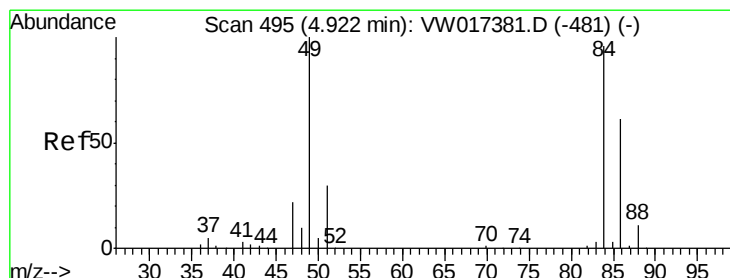
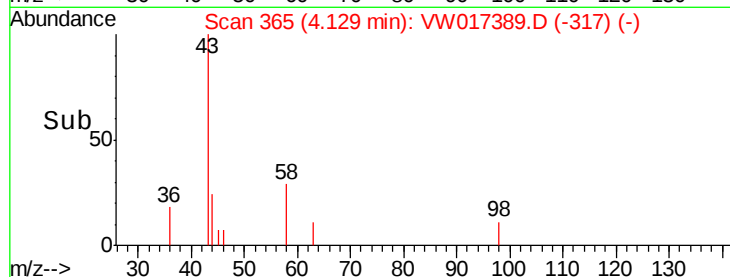
600

400

200

0

Time-->



#16

Methylene chloride

Concen: 3.838 ug/L

RT: 4.91 min Scan# 493

Delta R.T. -0.01 min

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Acq: 19 Nov 2020 23:09

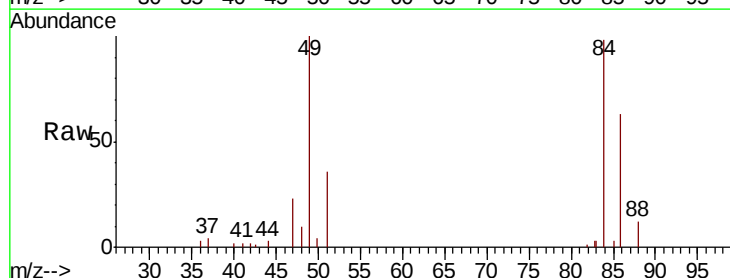
Tgt Ion: 84 Resp: 21128

Ion Ratio Lower Upper

84 100

49 101.8 71.5 132.9

86 64.6 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

8000

6000

4000

2000

0

Time-->

