

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW111920\
 Data File : VW017401.D
 Acq On : 20 Nov 2020 03:51
 Operator : SY/VA
 Sample : L4819-01
 Misc : 4.90G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 C0AY8

Quant Time: Nov 20 06:15:37 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	271310	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	227258	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	77318	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	77512	19.30	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	77.20%
7) Chloroethane-d5	2.89	69	70249	22.02	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	88.08%
10) 1,1-Dichloroethene-d2	4.01	63	102275	14.56	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	58.24%
20) 2-Butanone-d5	7.09	46	18787	28.48	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	56.96%
24) Chloroform-d	7.65	84	165625	23.24	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	92.96%
26) 1,2-Dichloroethane-d4	8.31	65	88153	25.60	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	102.40%
29) Benzene-d6	8.28	84	296046	23.11	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	92.44%
33) 1,2-Dichloropropane-d6	9.27	67	89879	26.33	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	105.32%
37) Toluene-d8	10.33	98	248014	20.56	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	82.24%
38) trans-1,3-Dichloropropene-	10.58	79	23681	15.94	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	63.76%
39) 2-Hexanone-d5	10.93	63	13337	29.14	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	58.28%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	68521	26.49	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	105.96%
61) 1,2-Dichlorobenzene-d4	13.85	152	66206	23.20	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	92.80%

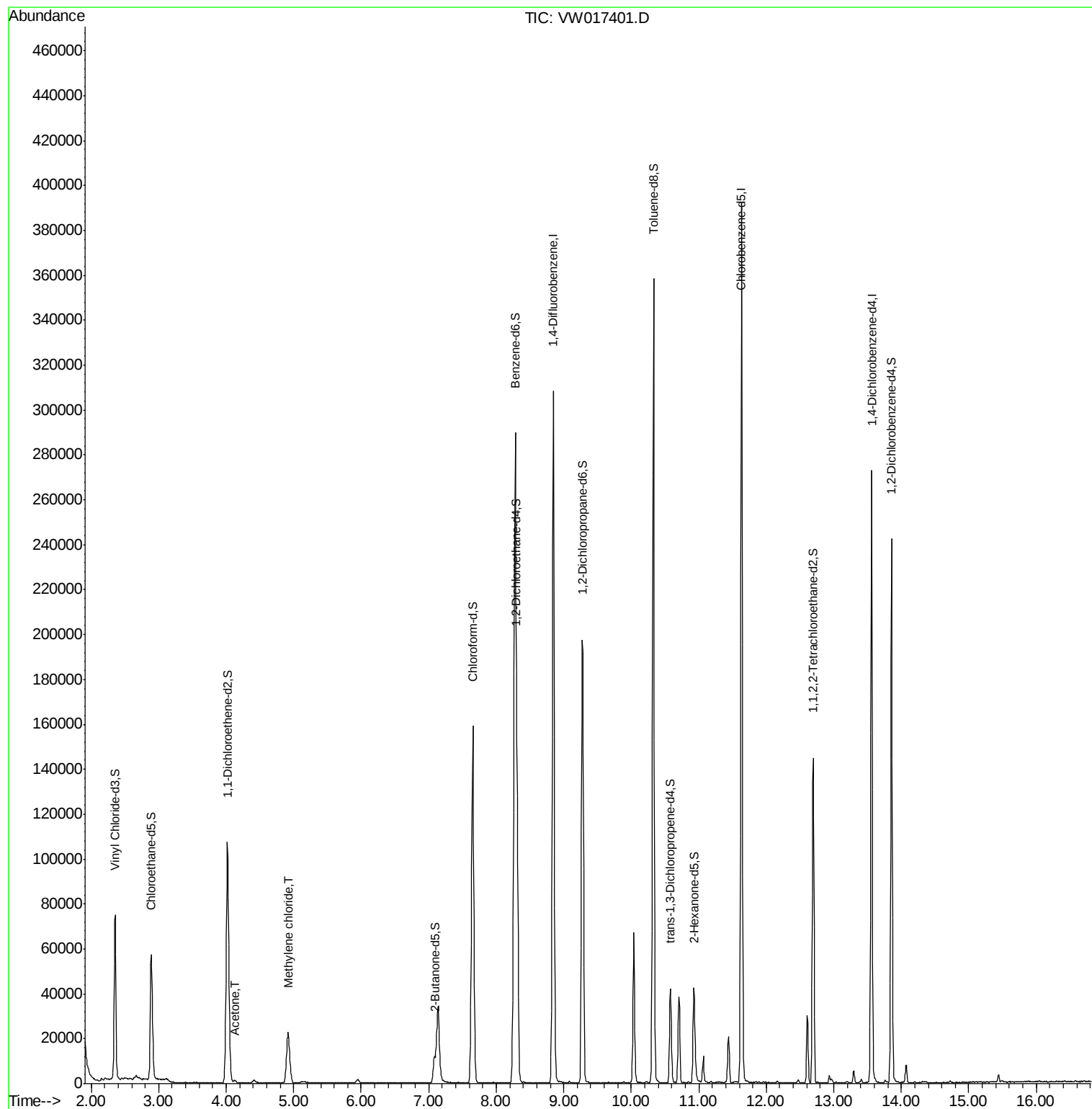
Target Compounds					Ovalue
13) Acetone	4.13	43	1643	3.414 ug/L	74
16) Methylene chloride	4.92	84	19502	4.202 ug/L	98

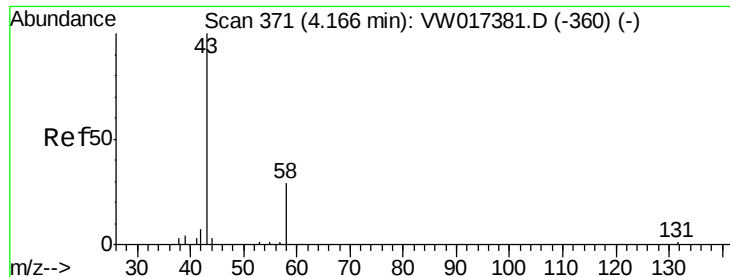
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 3.414 ug/L

RT: 4.13 min Scan# 365

Delta R.T. -0.04 min

Lab File: VW017401.D

Acq: 20 Nov 2020 03:51

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ClientSampleId :

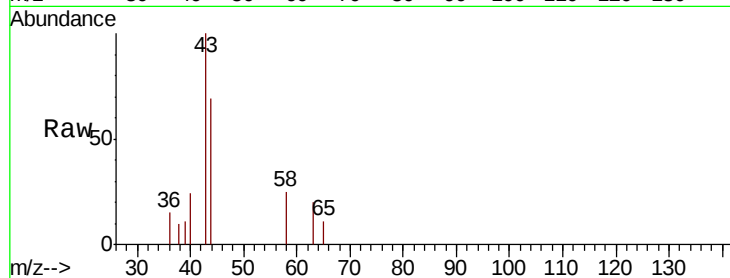
C0AY8

Tot Ion: 43 Resp: 1643

Ion Ratio Lower Upper

43 100

58 18.8 0.0 67.0



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.13

600

500

400

300

200

100

0

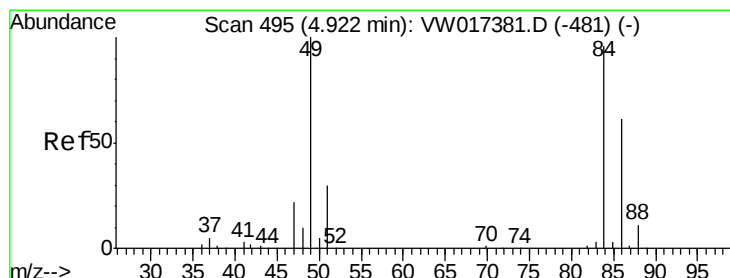
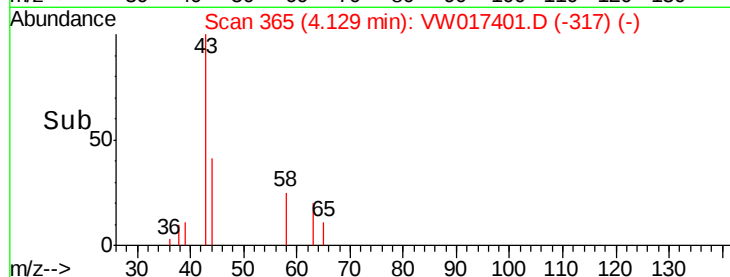
4.05

4.10

4.15

4.20

Time-->



#16

Methylene chloride

Concen: 4.202 ug/L

RT: 4.92 min Scan# 495

Delta R.T. 0.00 min

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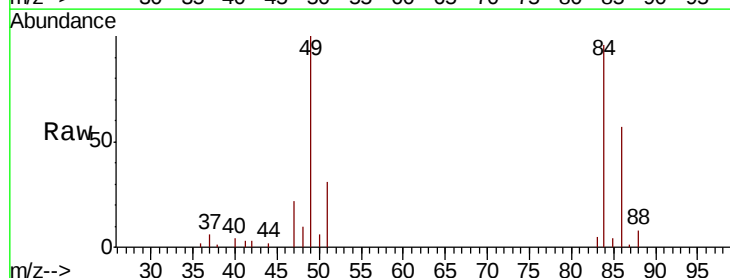
Tgt Ion: 84 Resp: 19502

Ion Ratio Lower Upper

84 100

49 103.8 71.5 132.9

86 59.0 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

4.80

4.90

5.00

Time-->

