

Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW040819\
 Data File : VW009878.D
 Acq On : 10 Apr 2019 12:23
 Operator : SY/VA
 Sample : VIBLK05
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VIBLK05

Manual Integrations
 APPROVED

sam
 4/19/2019 8:27:24 AM

Quant Time: Apr 11 02:22:06 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM040319S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Apr 10 08:15:04 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	508159	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	495446	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	238998	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	154029	23.16	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	92.64%
7) Chloroethane-d5	2.89	69	120519	19.78	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	79.12%
10) 1,1-Dichloroethene-d2	4.01	63	258510m	18.08	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	72.32%
20) 2-Butanone-d5	7.07	46	117360	54.36	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	108.72%
24) Chloroform-d	7.65	84	341665	24.64	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	98.56%
26) 1,2-Dichloroethane-d4	8.31	65	217177	25.51	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	102.04%
29) Benzene-d6	8.27	84	628170	24.15	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	96.60%
33) 1,2-Dichloropropane-d6	9.27	67	199012	24.77	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	99.08%
37) Toluene-d8	10.32	98	558904	23.24	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	92.96%
38) trans-1,3-Dichloropropene-	10.58	79	86701	22.63	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	90.52%
39) 2-Hexanone-d5	10.93	63	78915	52.12	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	104.24%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	182868	24.49	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	97.96%
61) 1,2-Dichlorobenzene-d4	13.86	152	204886	24.43	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	97.72%

Target Compounds					Ovalue
13) Acetone	4.13	43	6257	2.705 ug/L	88
16) Methylene chloride	4.90	84	16734	1.867 ug/L	89

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

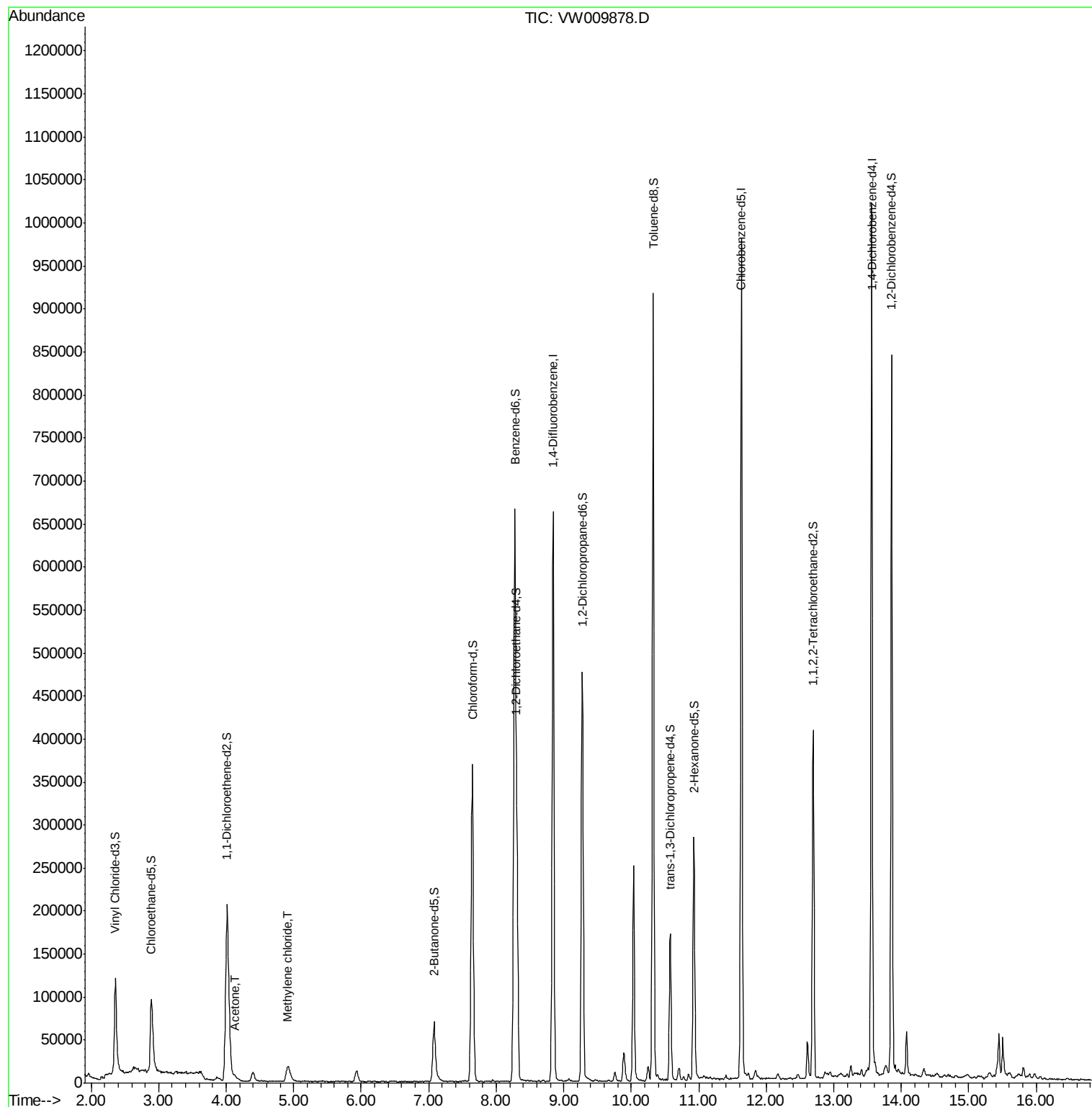
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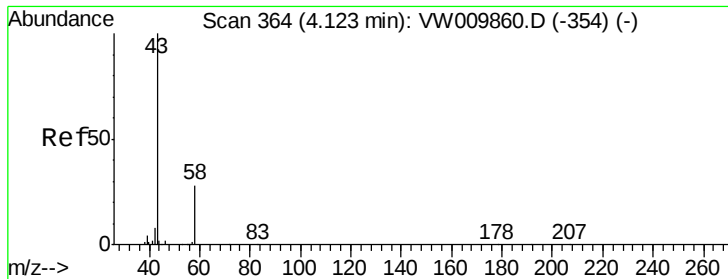
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#13

Acetone

Concen: 2.705 ug/L

RT: 4.13 min Scan# 365

Delta R.T. 0.01 min

Lab File: VW009878.D

Acq: 10 Apr 2019 12:23

Tot Ion: 43 Resp: 6257

Ion Ratio Lower Upper

43 100

58 20.3 0.0 53.0

Instrument :

MSVOA_W

ClientSampleId :

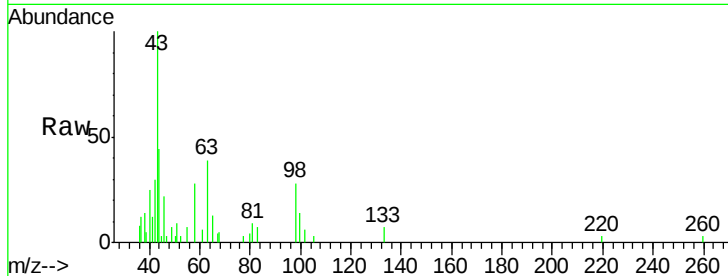
VIBLK05

Manual Integrations

APPROVED

sam

4/19/2019 8:27:24 AM



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.13

2000

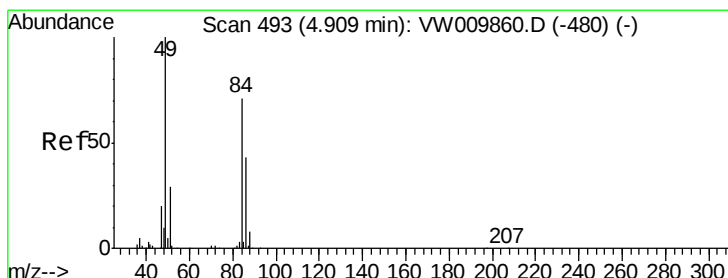
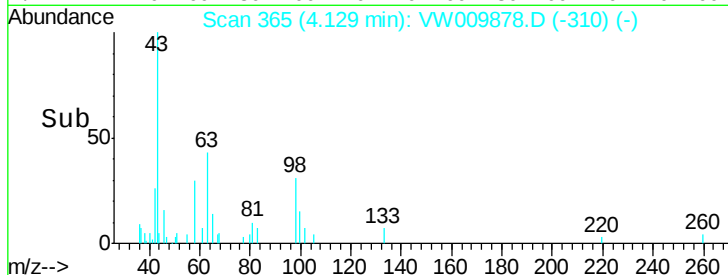
1500

1000

500

0

Time--> 4.00 4.05 4.10 4.15 4.20



#16

Methylene chloride

Concen: 1.867 ug/L

RT: 4.90 min Scan# 492

Delta R.T. -0.01 min

Lab File: VW009878.D

Acq: 10 Apr 2019 12:23

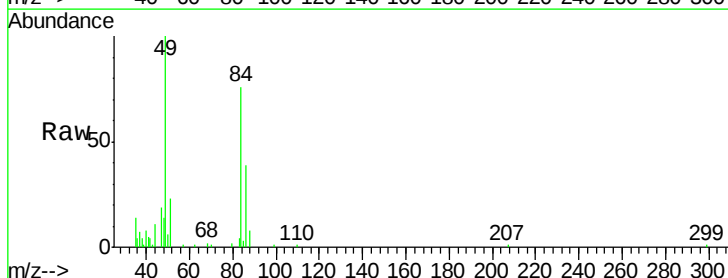
Tgt Ion: 84 Resp: 16734

Ion Ratio Lower Upper

84 100

49 131.0 98.3 182.5

86 51.7 46.4 86.2



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

4.90

6000

4000

2000

0

Time--> 4.80 4.90 5.00

