

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW061720\
 Data File : VW015620.D
 Acq On : 17 Jun 2020 16:35
 Operator : SY/VA
 Sample : VIBLK16
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VIBLK16

Quant Time: Jun 18 07:41:39 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM052620S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Jun 18 07:15:54 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	315511	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	288766	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	129760	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	57990	20.06	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	80.24%
7) Chloroethane-d5	2.89	69	68380	23.78	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	95.12%
10) 1,1-Dichloroethene-d2	4.01	63	105471	14.97	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	59.88%
20) 2-Butanone-d5	7.09	46	50754	53.77	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	107.54%
24) Chloroform-d	7.65	84	174900	23.97	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	95.88%
26) 1,2-Dichloroethane-d4	8.30	65	102834	25.33	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	101.32%
29) Benzene-d6	8.27	84	335375	23.68	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	94.72%
33) 1,2-Dichloropropane-d6	9.27	67	104133	24.20	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	96.80%
37) Toluene-d8	10.33	98	314349	22.83	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	91.32%
38) trans-1,3-Dichloropropene-	10.58	79	39827	20.00	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	80.00%
39) 2-Hexanone-d5	10.93	63	39340	52.80	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	105.60%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	82161	25.35	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	101.40%
61) 1,2-Dichlorobenzene-d4	13.85	152	105254	24.20	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	96.80%

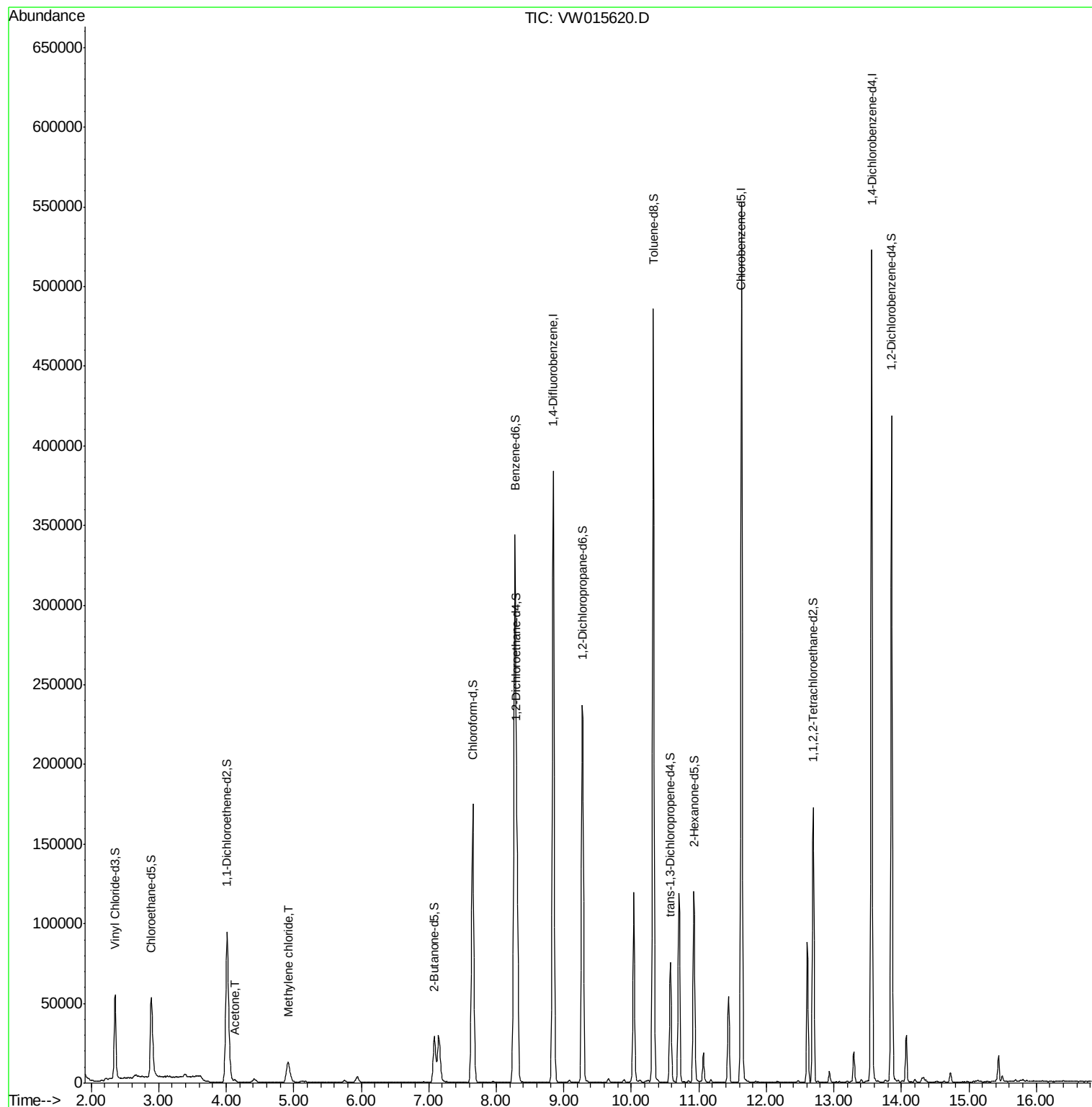
Target Compounds					Ovalue
13) Acetone	4.14	43	2070	2.837 ug/L	72
16) Methylene chloride	4.92	84	10631	2.745 ug/L	87

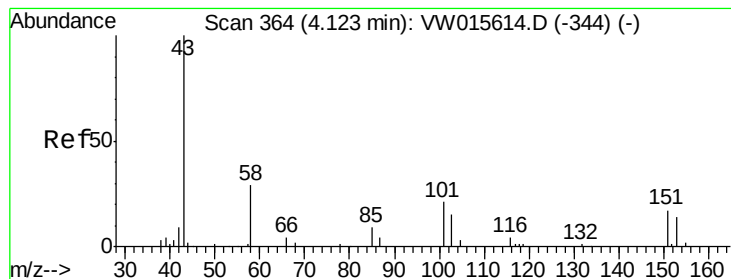
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 2.837 ug/L

RT: 4.14 min Scan# 366

Delta R.T. 0.01 min

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Instrument :

MSVOA_W

ClientSampleId :

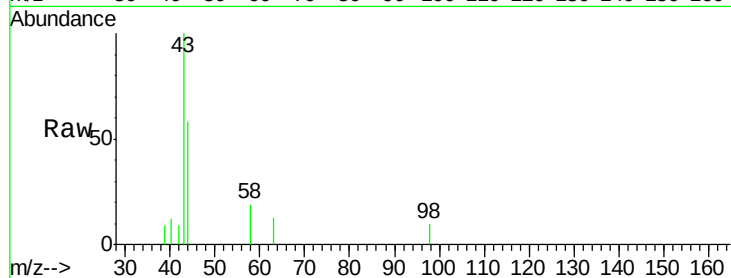
VIBLK16

Tot Ion: 43 Resp: 2070

Ion Ratio Lower Upper

43 100

58 13.7 0.0 56.8



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.14

800

600

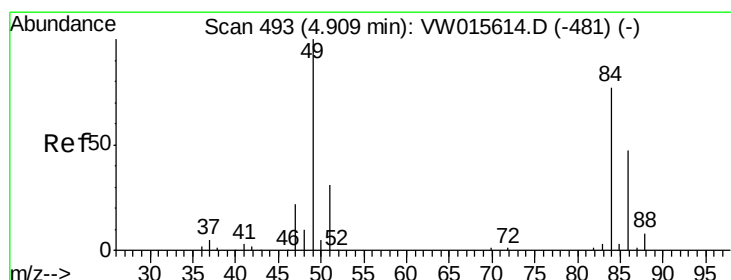
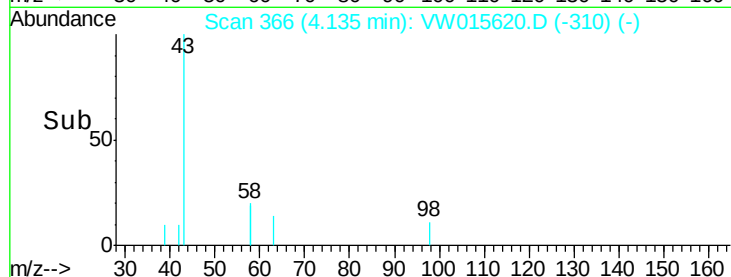
400

200

0

4.05 4.10 4.15 4.20

Time-->



#16

Methylene chloride

Concen: 2.745 ug/L

RT: 4.92 min Scan# 495

Delta R.T. 0.01 min

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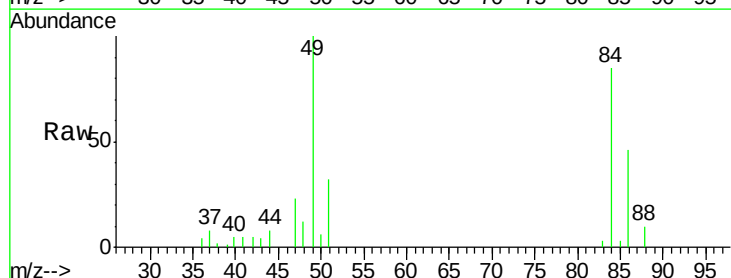
Tgt Ion: 84 Resp: 10631

Ion Ratio Lower Upper

84 100

49 117.5 93.0 172.8

86 54.1 44.7 83.1



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

5000

4000

3000

2000

1000

0

4.80 4.85 4.90 4.95 5.00

Time-->

