

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW020520\
 Data File : VW014878.D
 Acq On : 05 Feb 2020 17:37
 Operator : SY/VA
 Sample : L1324-01
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 GAT58

Quant Time: Feb 06 03:16:12 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM020520S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Feb 06 02:59:09 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	1087322	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	987206	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.55	152	405602	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	357242	19.85	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	79.40%
7) Chloroethane-d5	2.89	69	352428	24.45	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	97.80%
10) 1,1-Dichloroethene-d2	4.02	63	563502	17.13	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	68.52%
20) 2-Butanone-d5	7.07	46	218503	43.25	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	86.50%
24) Chloroform-d	7.65	84	789712	25.58	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	102.32%
26) 1,2-Dichloroethane-d4	8.31	65	425340	24.90	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	99.60%
29) Benzene-d6	8.27	84	1619423	25.51	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	102.04%
33) 1,2-Dichloropropane-d6	9.27	67	533803	25.80	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	103.20%
37) Toluene-d8	10.32	98	1426747	25.54	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	102.16%
38) trans-1,3-Dichloropropene-	10.57	79	181842	22.26	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	89.04%
39) 2-Hexanone-d5	10.92	63	163056	43.24	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	86.48%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	358938	23.04	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	92.16%
61) 1,2-Dichlorobenzene-d4	13.85	152	434307	27.61	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	110.44%

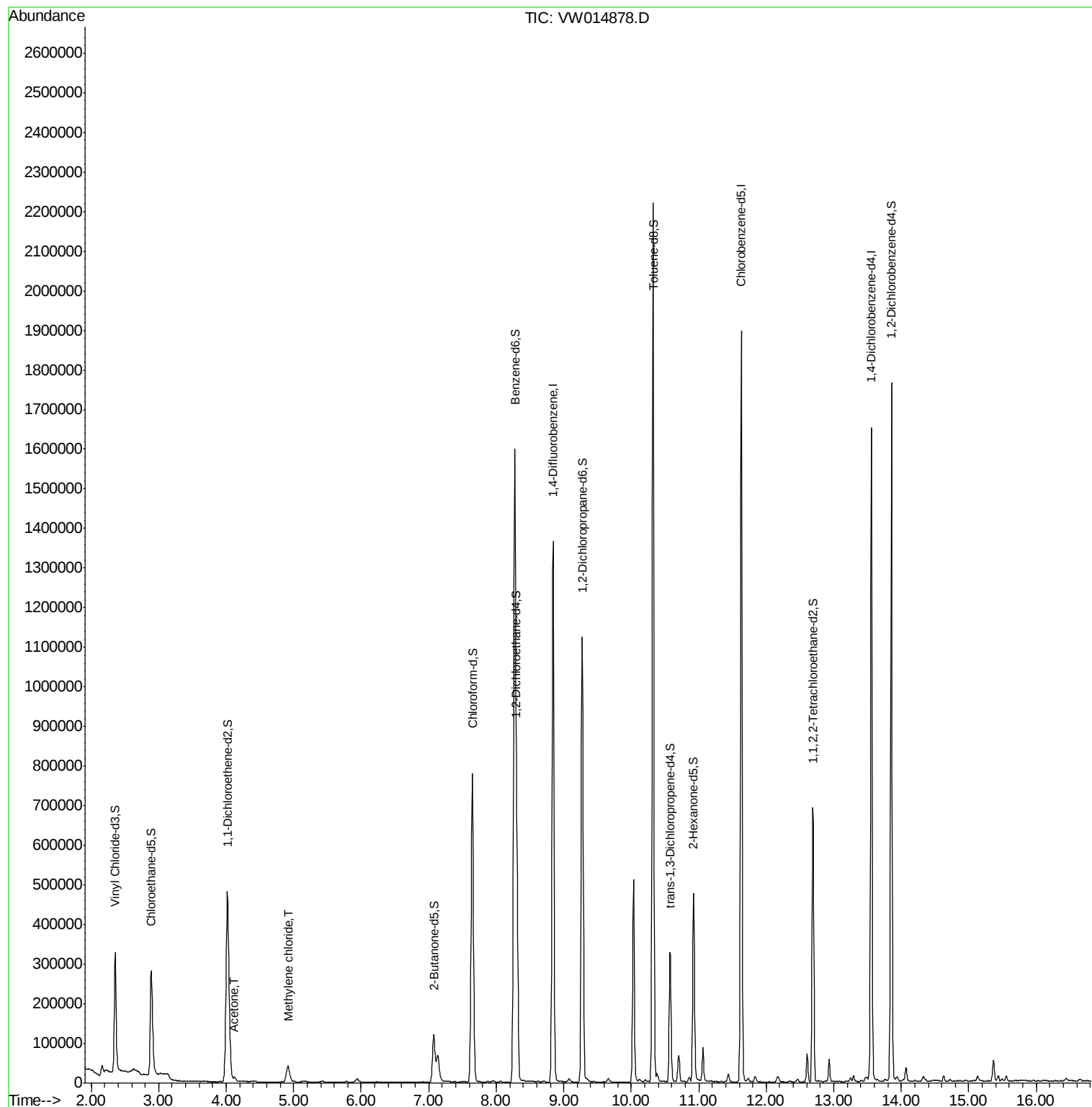
Target Compounds					Ovalue
13) Acetone	4.12	43	15026	2.882 ug/L	91
16) Methylene chloride	4.92	84	32789	1.655 ug/L	96

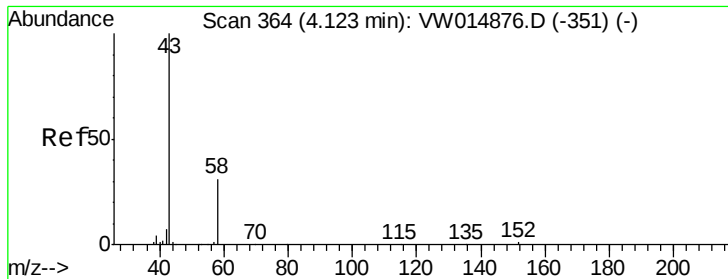
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 2.882 ug/L

RT: 4.12 min Scan# 364

Delta R.T. -0.00 min

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Instrument :

MSVOA_W

ClientSampled :

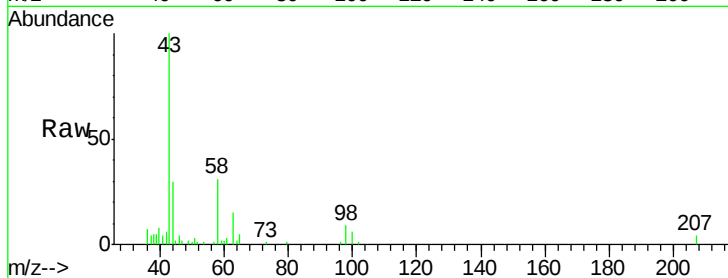
GAT58

Tot Ion: 43 Resp: 15026

Ion Ratio Lower Upper

43 100

58 34.8 0.0 60.4



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.12

6000

5000

4000

3000

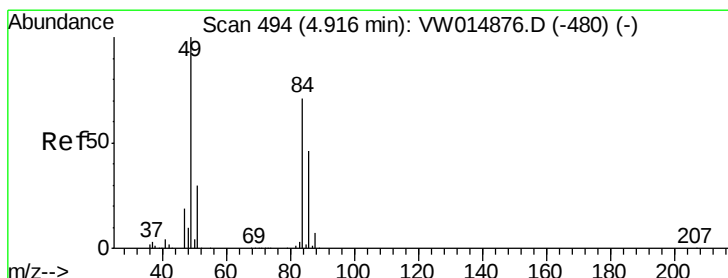
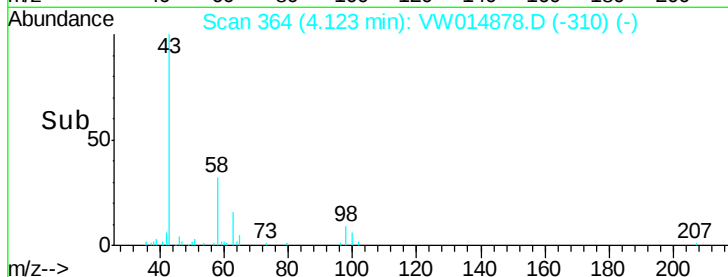
2000

1000

0

4.05 4.10 4.15 4.20

Time-->



#16

Methylene chloride

Concen: 1.655 ug/L

RT: 4.92 min Scan# 494

Delta R.T. -0.00 min

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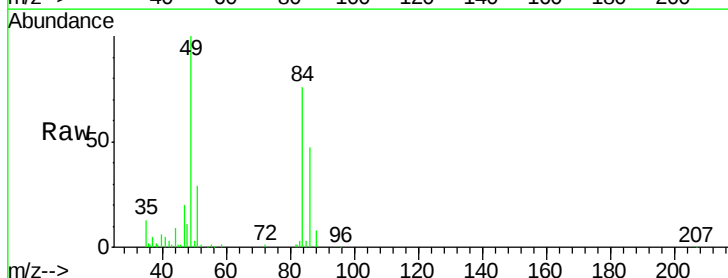
Tgt Ion: 84 Resp: 32789

Ion Ratio Lower Upper

84 100

49 131.8 95.8 177.8

86 61.6 44.2 82.2



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

15000

10000

5000

0

4.80 4.90 5.00

Time-->

