

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW073120\
 Data File : VW016021.D
 Acq On : 31 Jul 2020 11:46
 Operator : SY/VA
 Sample : L3492-16
 Misc : 2.54G/10ML/MSVOA W/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 D0AA9

Quant Time: Aug 01 02:55:37 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM072020S.M
 Quant Title : VOC Analysis
 QLast Update : Sat Aug 01 02:48:19 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	442379	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	407786	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	171034	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	126672	20.29	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	81.16%
7) Chloroethane-d5	2.90	69	108924	21.48	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	85.92%
10) 1,1-Dichloroethene-d2	4.01	63	202003	16.01	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	64.04%
20) 2-Butanone-d5	7.09	46	77676	47.37	ug/L	0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	=	94.74%
24) Chloroform-d	7.65	84	278362	22.40	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	89.60%
26) 1,2-Dichloroethane-d4	8.31	65	151064	22.15	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	88.60%
29) Benzene-d6	8.28	84	567367	22.86	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	91.44%
33) 1,2-Dichloropropane-d6	9.27	67	176898	23.77	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	95.08%
37) Toluene-d8	10.33	98	495373	22.03	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	88.12%
38) trans-1,3-Dichloropropene-	10.59	79	67969	21.43	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	85.72%
39) 2-Hexanone-d5	10.93	63	56718	45.78	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	91.56%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	137023	23.96	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	95.84%
61) 1,2-Dichlorobenzene-d4	13.85	152	167428	25.10	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	100.40%

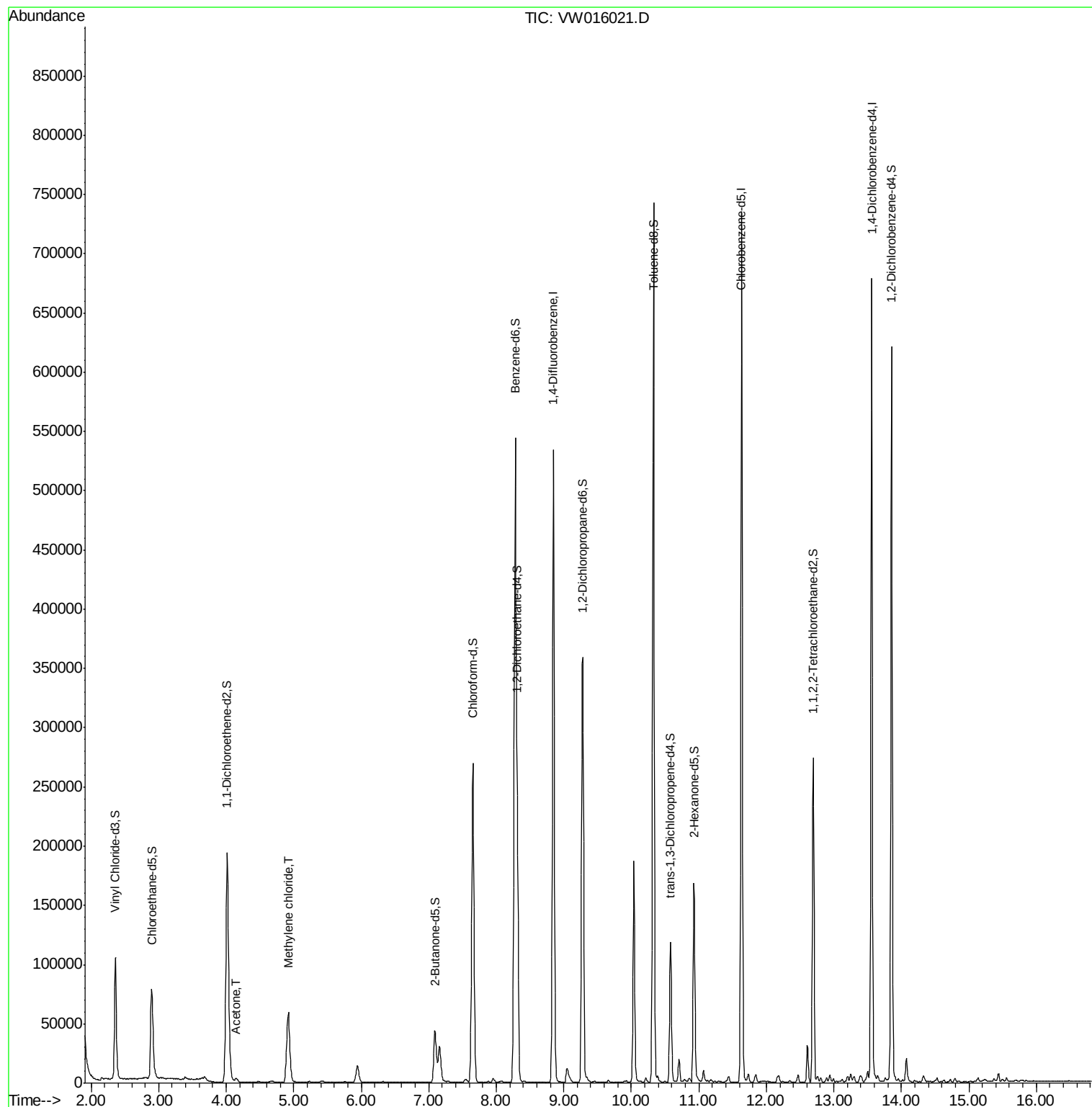
Target Compounds					Ovalue
13) Acetone	4.15	43	5471	3.973 ug/L	94
16) Methylene chloride	4.92	84	48549	6.697 ug/L	92

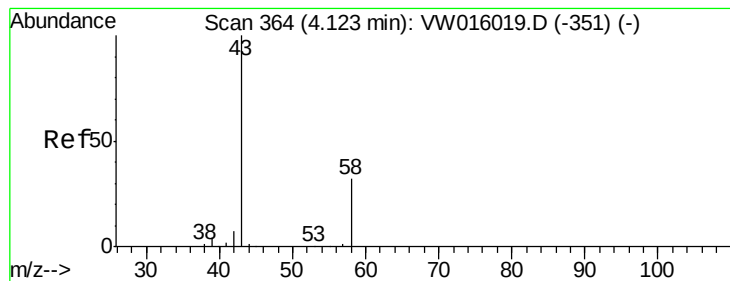
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 3.973 ug/L

RT: 4.15 min Scan# 368

Delta R.T. 0.02 min

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Instrument :

MSVOA_W

ClientSampleId :

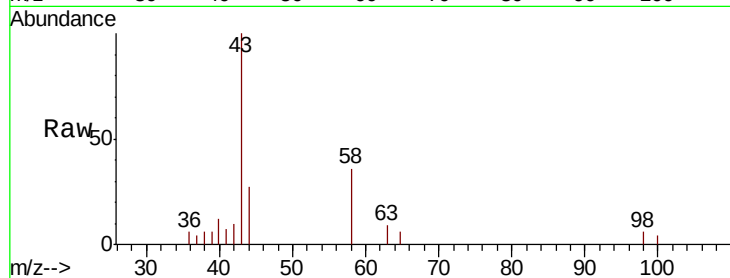
D0AA9

Tot Ion: 43 Resp: 5471

Ion Ratio Lower Upper

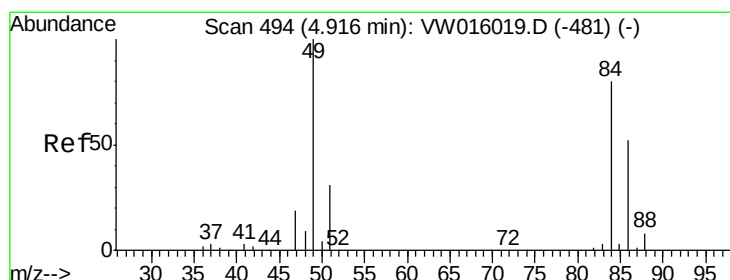
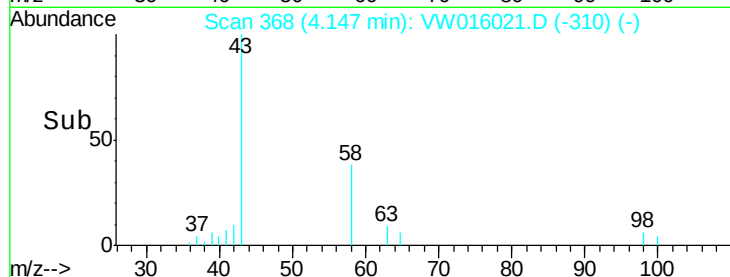
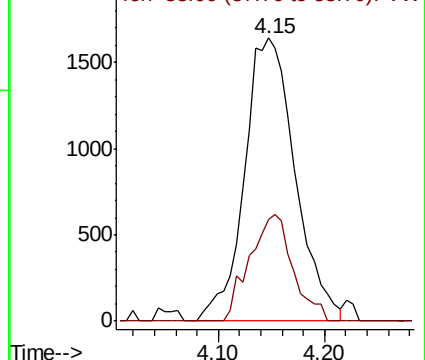
43 100

58 32.1 0.0 58.2



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#16

Methylene chloride

Concen: 6.697 ug/L

RT: 4.92 min Scan# 495

Delta R.T. 0.01 min

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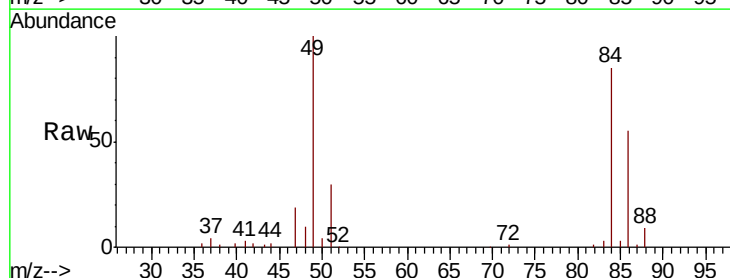
Tgt Ion: 84 Resp: 48549

Ion Ratio Lower Upper

84 100

49 117.5 91.1 169.1

86 64.1 46.0 85.4



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

