

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW120720\
 Data File : VW017577.D
 Acq On : 07 Dec 2020 14:19
 Operator : SY/VA
 Sample : L4955-03
 Misc : 4.81G/10ML/MSVOA W/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BG4J8

Quant Time: Dec 20 04:52:12 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM112420S.M
 Quant Title : VOC Analysis
 QLast Update : Sun Dec 20 03:53:49 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	411764	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	391191	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	203549	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	88848	16.40	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	65.60%
7) Chloroethane-d5	2.90	69	81074	17.74	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	70.96%
10) 1,1-Dichloroethene-d2	4.03	63	160709	13.33	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	53.32%
20) 2-Butanone-d5	7.08	46	62786	54.97	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	109.94%
24) Chloroform-d	7.65	84	244768	20.92	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	83.68%
26) 1,2-Dichloroethane-d4	8.30	65	134429	23.42	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	93.68%
29) Benzene-d6	8.28	84	457946	19.04	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	76.16%
33) 1,2-Dichloropropane-d6	9.27	67	137475	20.65	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	82.60%
37) Toluene-d8	10.33	98	413823	18.89	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	75.56%
38) trans-1,3-Dichloropropene-	10.58	79	58875	19.79	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	79.16%
39) 2-Hexanone-d5	10.93	63	38163	46.32	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	92.64%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	114034	23.81	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	95.24%
61) 1,2-Dichlorobenzene-d4	13.85	152	159831	21.21	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	84.84%

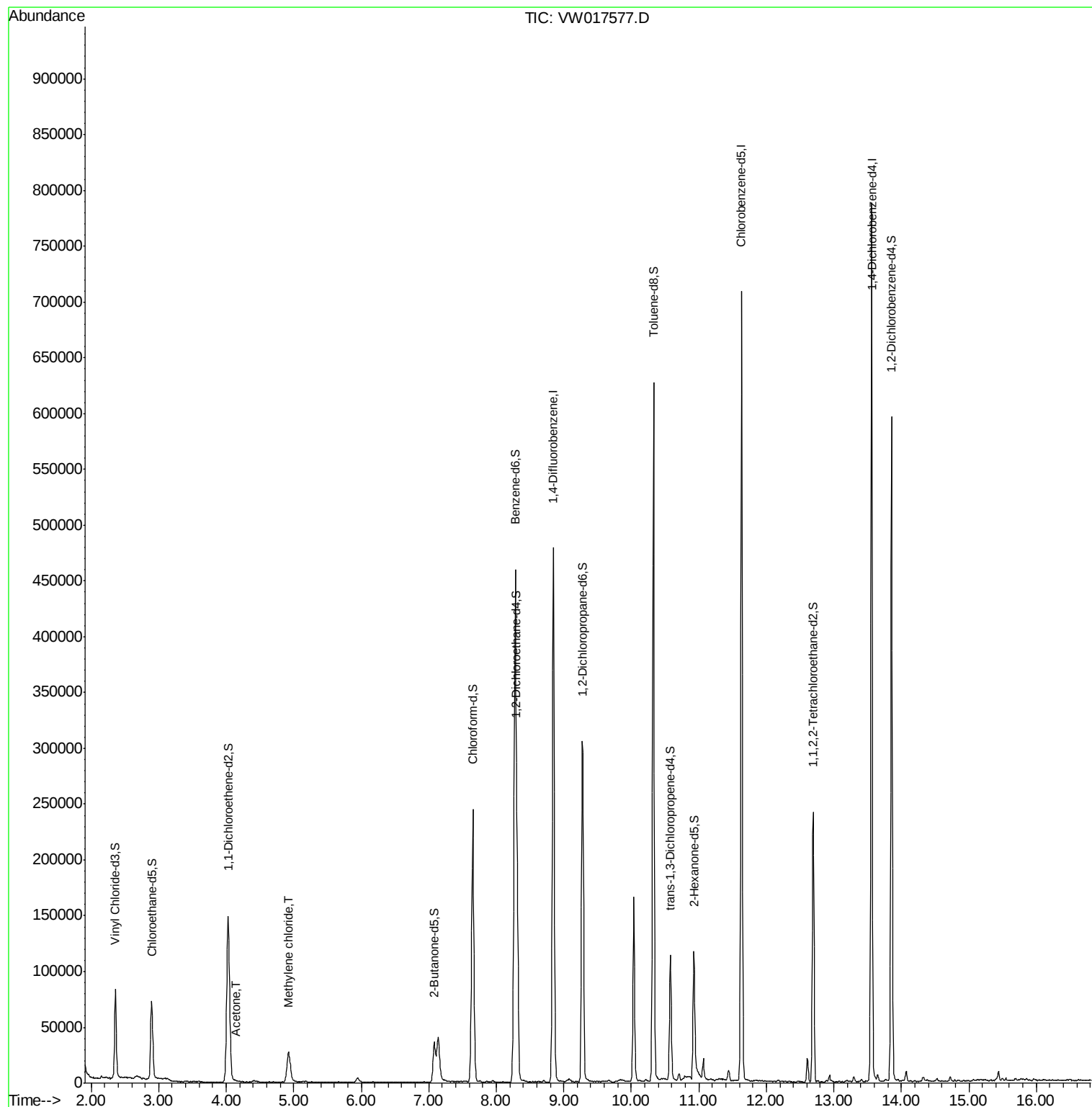
Target Compounds					Ovalue
13) Acetone	4.15	43	2992	2.722 ug/L	48
16) Methylene chloride	4.93	84	23105	3.737 ug/L	93

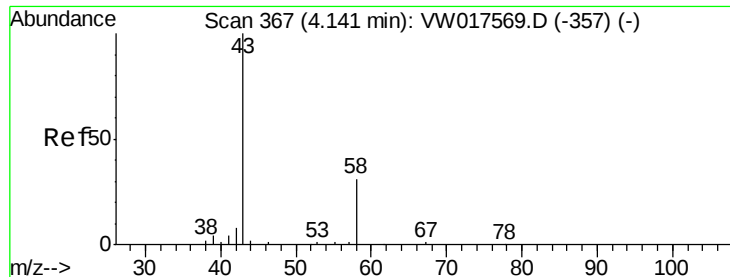
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 2.722 ug/L

RT: 4.15 min Scan# 368

Delta R.T. 0.01 min

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Instrument :

MSVOA_W

ClientSampleId :

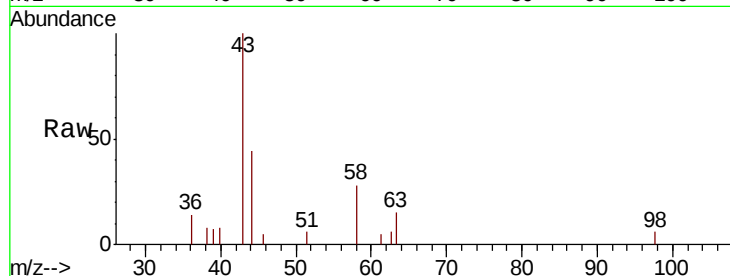
BG4J8

Tot Ion: 43 Resp: 2992

Ion Ratio Lower Upper

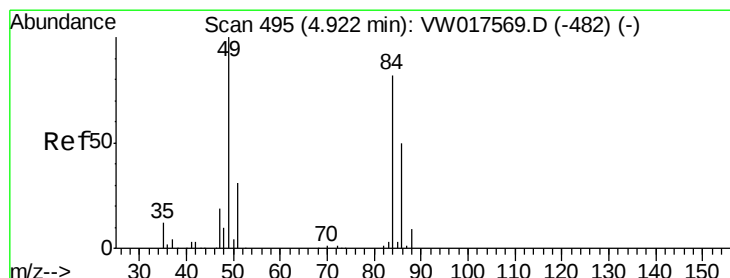
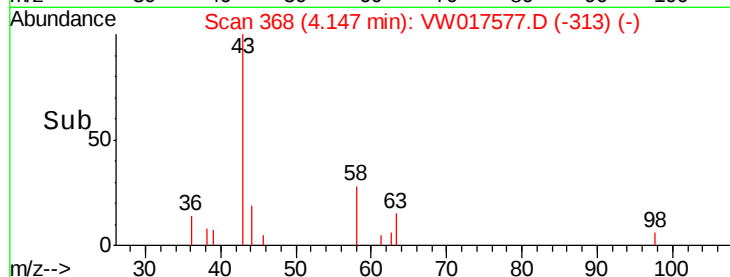
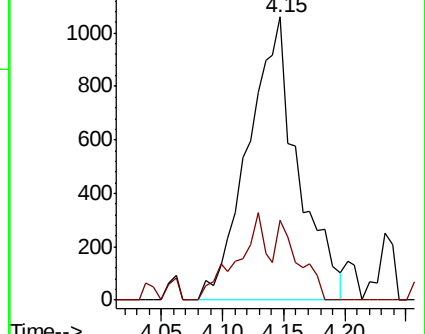
43 100

58 4.4 0.0 68.4



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#16

Methylene chloride

Concen: 3.737 ug/L

RT: 4.93 min Scan# 496

Delta R.T. 0.01 min

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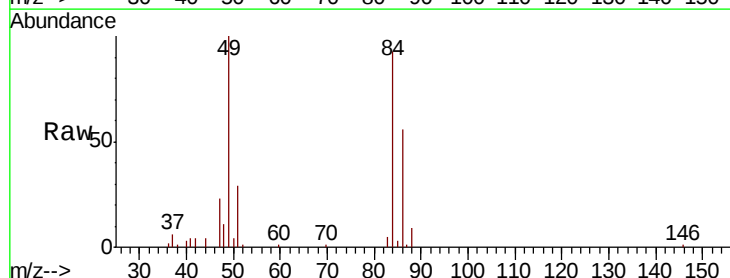
Tgt Ion: 84 Resp: 23105

Ion Ratio Lower Upper

84 100

49 107.1 81.2 150.8

86 60.0 44.5 82.7



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

