

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW111820\
 Data File : VW017348.D
 Acq On : 18 Nov 2020 23:23
 Operator : SY/VA
 Sample : L4749-16
 Misc : 4.56G/10ML/MSVOA W/SOIL
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 C0B15

Quant Time: Nov 19 06:26:07 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM111820S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Nov 19 05:03:18 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	347778	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	263504	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	76149	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	127963	24.85	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	99.40%
7) Chloroethane-d5	2.89	69	101564	24.83	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	99.32%
10) 1,1-Dichloroethene-d2	4.02	63	162793	18.07	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	72.28%
20) 2-Butanone-d5	7.08	46	25226	29.83	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	59.66%
24) Chloroform-d	7.65	84	217028	23.75	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	95.00%
26) 1,2-Dichloroethane-d4	8.31	65	110325	24.99	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	99.96%
29) Benzene-d6	8.27	84	416178	28.02	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	112.08%
33) 1,2-Dichloropropane-d6	9.27	67	116954	29.55	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	118.20%
37) Toluene-d8	10.32	98	359687	25.72	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	102.88%
38) trans-1,3-Dichloropropene-	10.58	79	31178	18.10	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	72.40%
39) 2-Hexanone-d5	10.93	63	17567	33.11	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	66.22%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	73895	24.64	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	98.56%
61) 1,2-Dichlorobenzene-d4	13.86	152	67841	24.13	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	96.52%

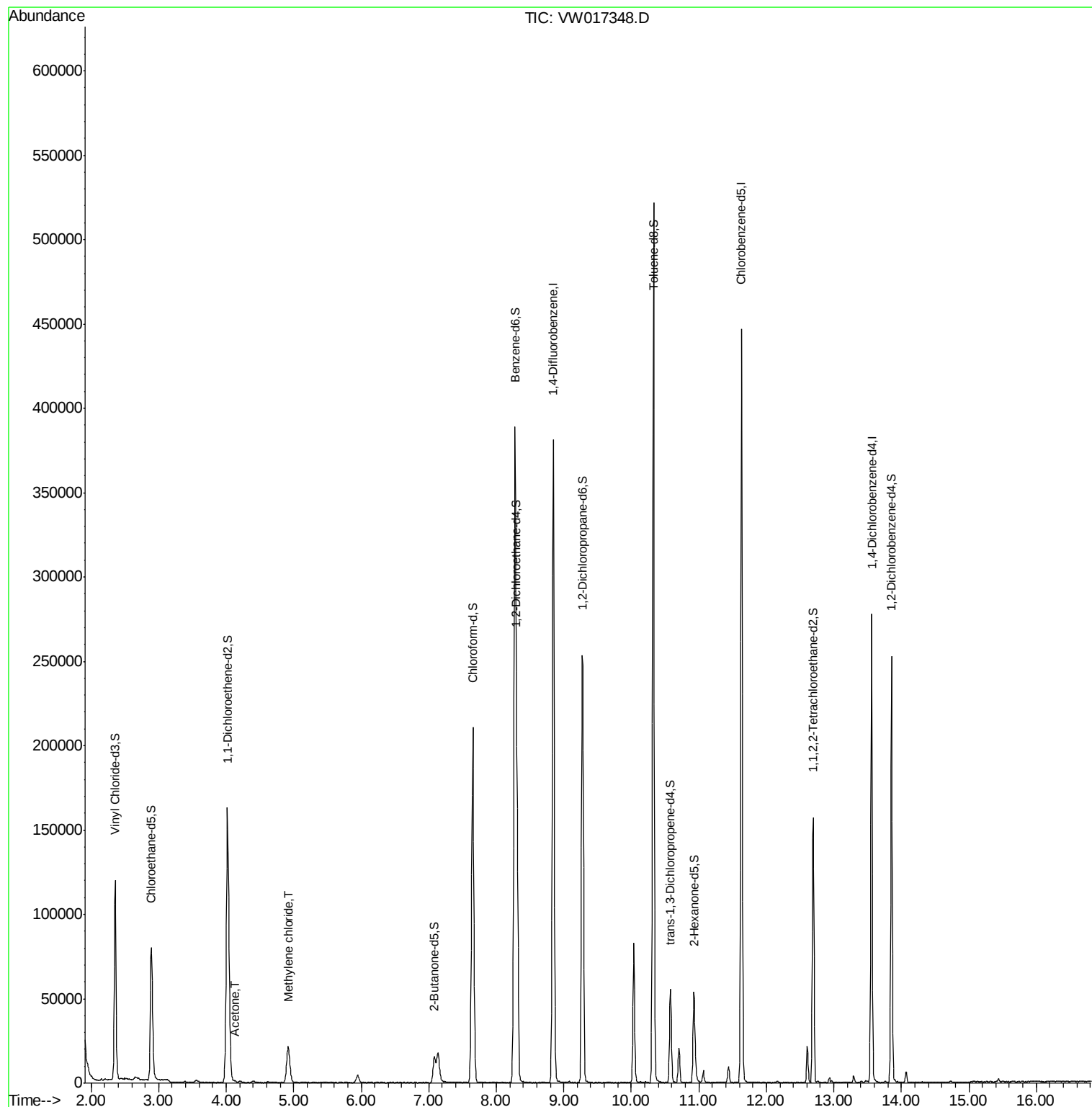
Target Compounds					Ovalue
13) Acetone	4.14	43	1299	2.106 ug/L	71
16) Methylene chloride	4.92	84	19391	3.260 ug/L	94

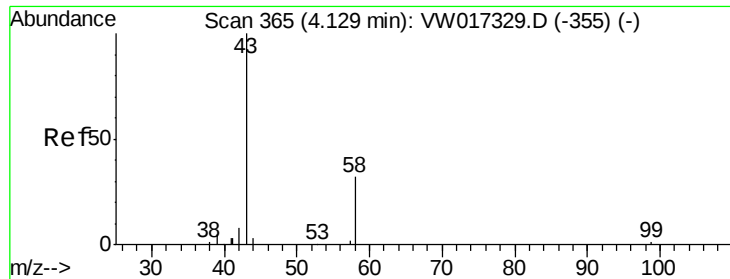
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 2.106 ug/L

RT: 4.14 min Scan# 366

Delta R.T. 0.01 min

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ClientSampleId :

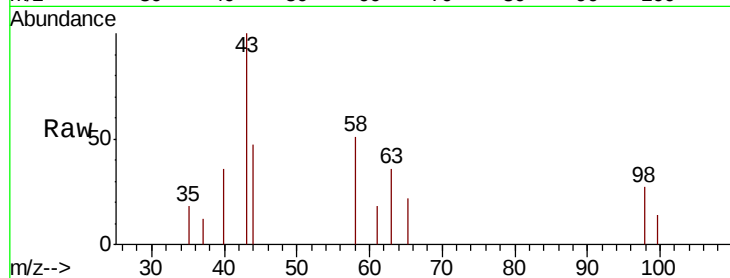
C0B15

Tot Ion: 43 Resp: 1299

Ion Ratio Lower Upper

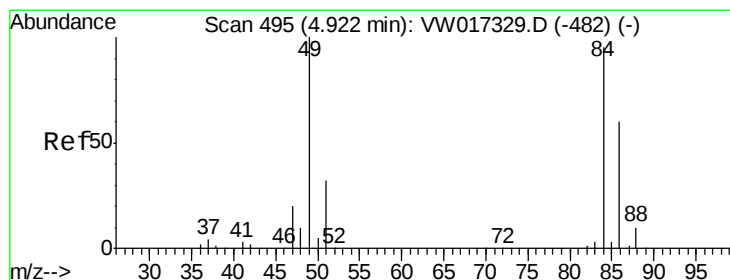
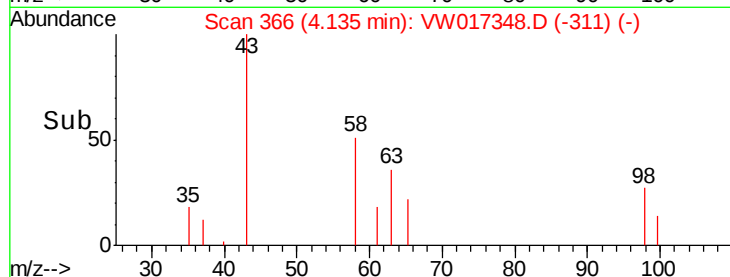
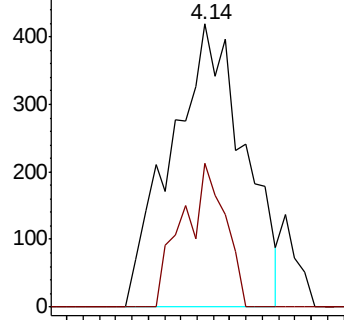
43 100

58 16.8 0.0 67.0



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#16

Methylene chloride

Concen: 3.260 ug/L

RT: 4.92 min Scan# 494

Delta R.T. -0.01 min

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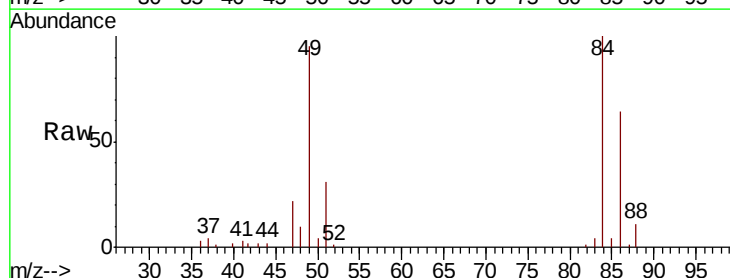
Tgt Ion: 84 Resp: 19391

Ion Ratio Lower Upper

84 100

49 94.8 71.5 132.9

86 63.9 42.8 79.4



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

