

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW100220\
 Data File : VW016762.D
 Acq On : 02 Oct 2020 14:57
 Operator : SY/VA
 Sample : L4235-03
 Misc : 4.76G/10ML/MSVOA W/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 C0AL0

Quant Time: Oct 03 05:46:28 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM091520S.M
 Quant Title : VOC Analysis
 QLast Update : Sat Oct 03 04:48:41 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	584128	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	467887	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	185837	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.37	65	102112	18.06	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	72.24%
7) Chloroethane-d5	2.91	69	100281	21.72	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	86.88%
10) 1,1-Dichloroethene-d2	4.03	63	171984	13.61	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	54.44%
20) 2-Butanone-d5	7.09	46	63742	41.35	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	82.70%
24) Chloroform-d	7.65	84	294433	24.10	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	96.40%
26) 1,2-Dichloroethane-d4	8.31	65	146781	23.40	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	93.60%
29) Benzene-d6	8.28	84	549005	26.16	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	104.64%
33) 1,2-Dichloropropane-d6	9.28	67	162174	28.52	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	114.08%
37) Toluene-d8	10.33	98	489463	23.71	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	94.84%
38) trans-1,3-Dichloropropene-	10.58	79	57914	20.20	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	80.80%
39) 2-Hexanone-d5	10.93	63	50775	49.09	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	98.18%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	122007	25.22	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	100.88%
61) 1,2-Dichlorobenzene-d4	13.86	152	150999	25.43	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	101.72%

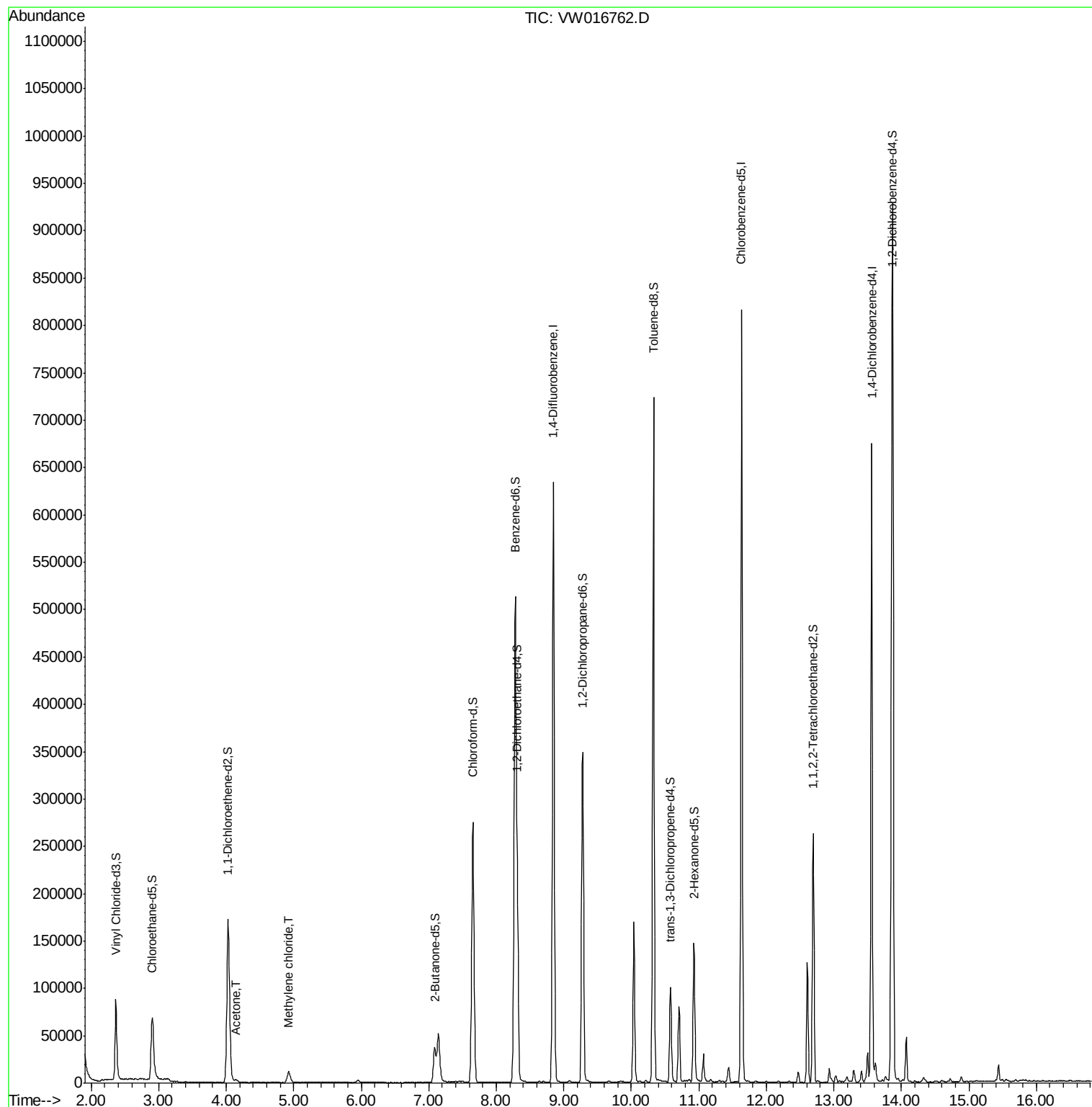
Target Compounds					Ovalue
13) Acetone	4.14	43	4086	3.384 ug/L	98
16) Methylene chloride	4.92	84	9757	1.083 ug/L	89

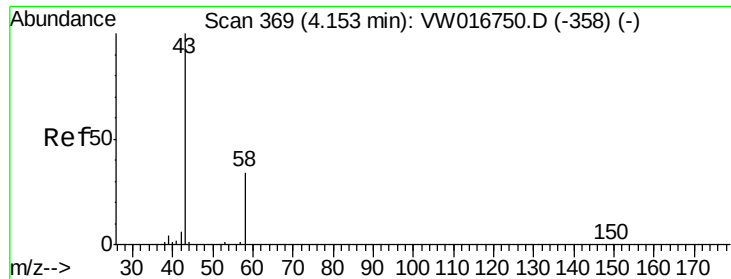
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 3.384 ug/L

RT: 4.14 min Scan# 367

Delta R.T. -0.01 min

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MSVOA_W

ClientSampleId :

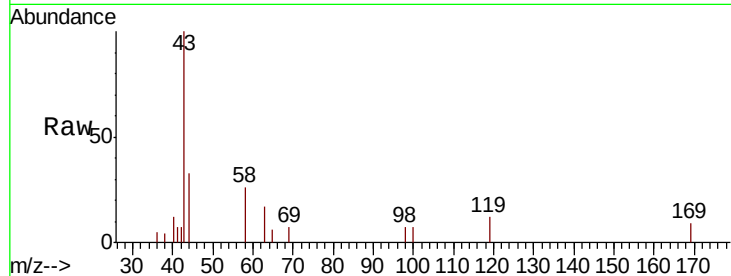
COAL0

Tot Ion: 43 Resp: 4086

Ion Ratio Lower Upper

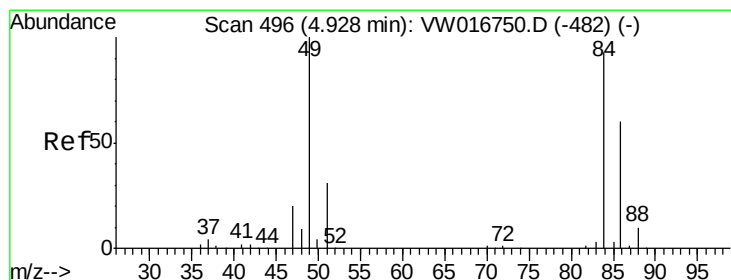
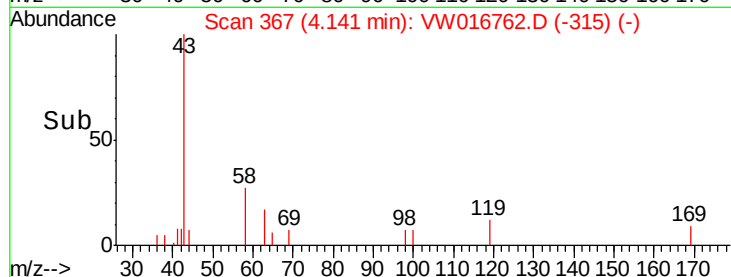
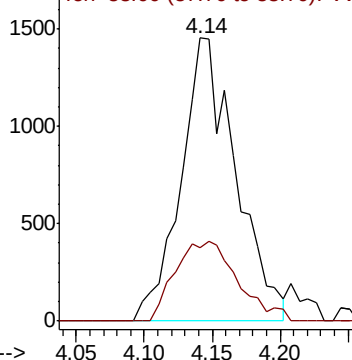
43 100

58 31.0 0.0 60.2



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#16

Methylene chloride

Concen: 1.083 ug/L

RT: 4.92 min Scan# 494

Delta R.T. -0.01 min

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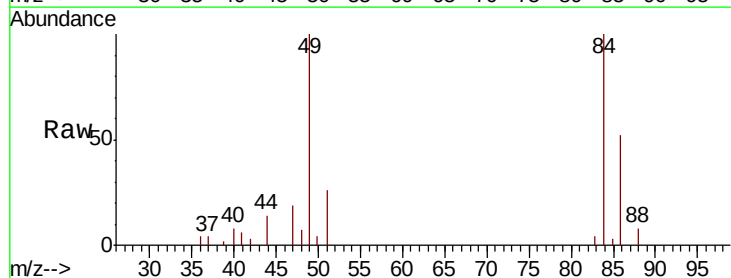
Tgt Ion: 84 Resp: 9757

Ion Ratio Lower Upper

84 100

49 100.2 76.0 141.2

86 51.7 45.6 84.6



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

