

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW092820\
 Data File : VW016662.D
 Acq On : 28 Sep 2020 12:14
 Operator : SY/VA
 Sample : L4171-01
 Misc : 6.31G/10ML/MSVOA W/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BG3X8

Quant Time: Sep 29 05:58:14 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM091520S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Sep 29 05:26:53 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	730248	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	649394	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	322020	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.37	65	136562	19.32	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	77.28%
7) Chloroethane-d5	2.90	69	121797	21.10	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	84.40%
10) 1,1-Dichloroethene-d2	4.03	63	228264	14.44	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	57.76%
20) 2-Butanone-d5	7.09	46	70186	36.42	ug/L	0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	=	72.84%
24) Chloroform-d	7.65	84	337403	22.09	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	88.36%
26) 1,2-Dichloroethane-d4	8.31	65	175091	22.33	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	89.32%
29) Benzene-d6	8.28	84	663272	22.77	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	91.08%
33) 1,2-Dichloropropane-d6	9.28	67	184056	23.32	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	93.28%
37) Toluene-d8	10.33	98	625346	21.83	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	87.32%
38) trans-1,3-Dichloropropene-	10.58	79	80118	20.14	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	80.56%
39) 2-Hexanone-d5	10.93	63	57621	40.14	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	80.28%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	142076	21.16	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	84.64%
61) 1,2-Dichlorobenzene-d4	13.86	152	234522	22.79	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	91.16%

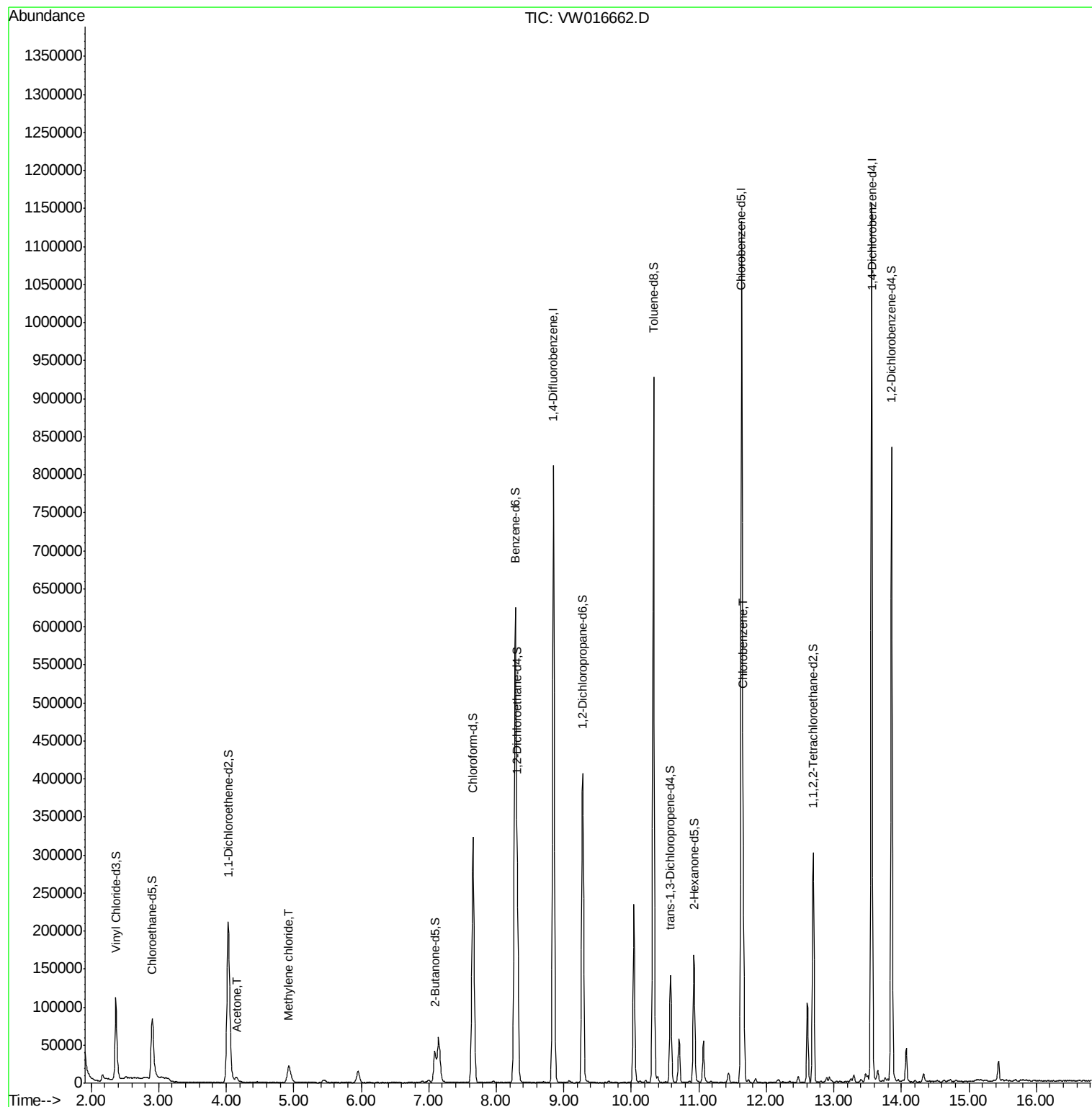
Target Compounds					Ovalue
13) Acetone	4.15	43	12590	8.340 ug/L	99
16) Methylene chloride	4.93	84	19187	1.704 ug/L	90
52) Chlorobenzene	11.66	112	112534	4.280 ug/L	98

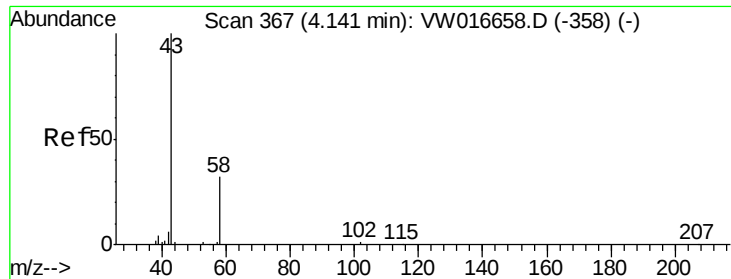
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 8.340 ug/L

RT: 4.15 min Scan# 368

Delta R.T. 0.01 min

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Acq: 28 Sep 2020 12:14

Instrument :

MSVOA_W

ClientSampleId :

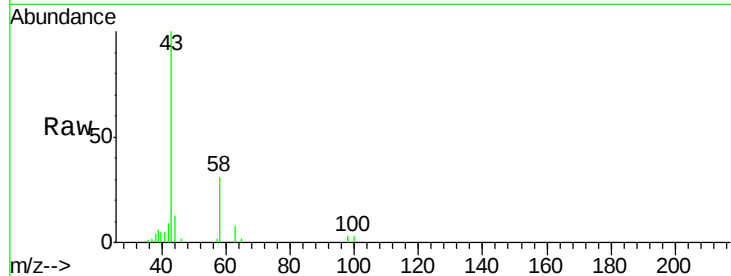
BG3X8

Tot Ion: 43 Resp: 12590

Ion Ratio Lower Upper

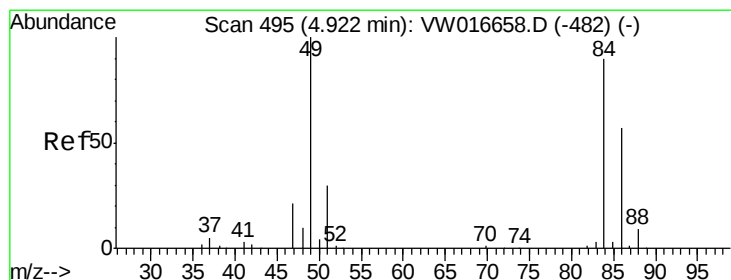
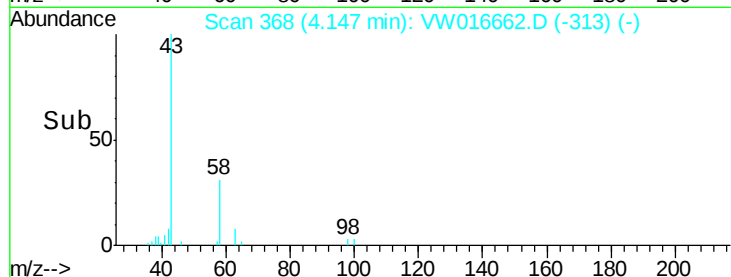
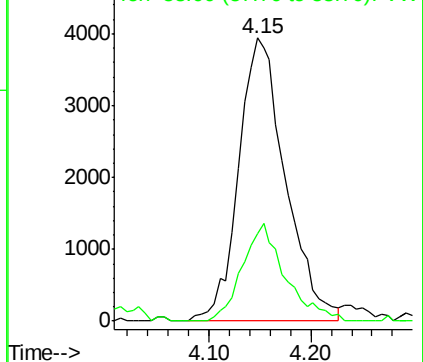
43 100

58 29.4 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: 1.704 ug/L

RT: 4.93 min Scan# 497

Delta R.T. 0.01 min

Lab File: VW016662.D

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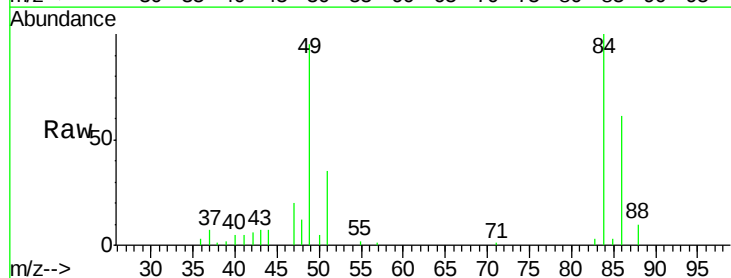
Tgt Ion: 84 Resp: 19187

Ion Ratio Lower Upper

84 100

49 94.5 76.0 141.2

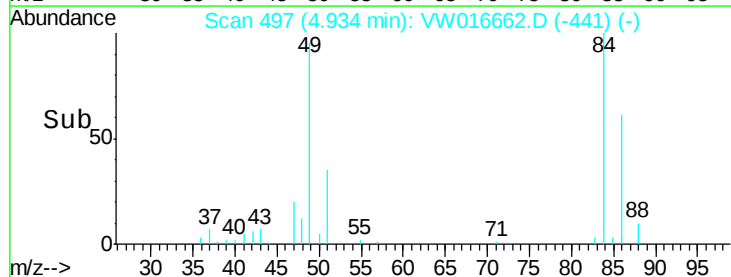
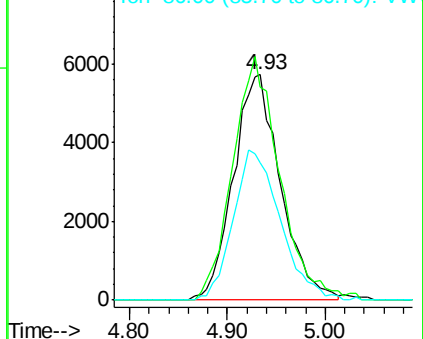
86 60.7 45.6 84.6

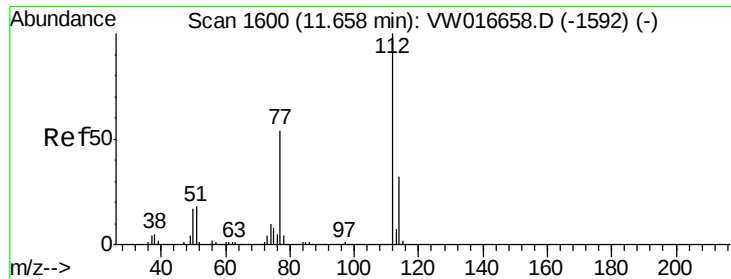


Abundance Ion 84.00 (83.70 to 84.70): VW

Ion 49.00 (48.70 to 49.70): VW

Ion 86.00 (85.70 to 86.70): VW





#52
 Chlorobenzene
 Concen: 4.280 ug/L
 RT: 11.66 min Scan# 1600
 Delta R.T. -0.00 min
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Tot Ion:	112	Resp:	112534
Ion	Ratio	Lower	Upper
112	100		
77	55.3	43.1	64.7
114	32.3	22.3	41.3

